



## Audit Summary Package

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#### **Frequently Requested Documentation**

**Call2Recycle U.S. Physical Flow Chart** – diagram overview for the flow of batteries through collection, sorting and final processing

**Call2Recycle U.S.D.O.T Box Special Permit** – allows box program to operate with simplified DOT requirements

**Call2Recycle Responsible Recycling (R2)** – certification for collection and management of batteries and cellphones

**Call2Recycle Certificate of Liability Insurance** – Call2Recycle, Inc. carries liability insurance which includes general and pollution legal liability

**INMETCO Certificate of Pollution Liability Insurance (for batteries originating in the U.S. and/or Canada)** – INMETCO receives, sorts and processes Nickel Cadmium (Ni-Cd), Nickel Metal Hydride (Ni-MH) and Nickel Zinc (Ni-Zn) batteries collected by Call2Recycle

**INMETCO Certificate of Insurance (for batteries originating in the U.S. and/or Canada)** – general liability and workers compensation

**INMETCO ISO 14001 Certificate (for batteries originating in the U.S. and/or Canada)** – issued in accordance with ISO (International Organization for Standardization) 14001 Environmental Management Standards, this certificate affirms there is an environmental management system and improves environmental performance

**INMETCO ISO 9001 Certificate (for batteries originating in the U.S. and/or Canada)** – issued in accordance with ISO for a quality management system

**INMETCO Environmental Audit (for batteries originating in the U.S. and/or Canada)** – A summary of environmental regulations and permits that are pertaining to INMETCO including but not limited to:

- *Permit Numbers:* Resource Conservation and Recovery Act (RCRA) permits are required for facilities that treat, store or dispose of hazardous wastes
- *Waste Analysis Plan Program for Incoming Hazardous Wastes:* before any wastes are accepted, they must first pass a prescreen analysis through INMETCO's lab
- *Air Permits:* issued by Pennsylvania's Dept. of Environmental Protection, it covers businesses that produce waste gases or particles that are released into the air
- *Site Security:* 24 hour security is provided by Allied Barton
- *Personnel Training:* INMETCO has Occupational Safety and Health Administration (OSHA)/ EPA trained staff

## **Additional Documentation**

**Call2Recycle U.S. box guidelines** – collection box instructions with visual demonstrations of steps

**Call2Recycle U.S. bulk shipping** – bulk shipment 3<sup>rd</sup> party now available online as fillable Bill of Lading wizard at <http://www.call2recycle.org/bill-of-lading/>

**Call2Recycle Sample Site Summary Report** – report that is provided upon request to collection sites to track shipments Call2Recycle has collected, including chemistry breakdowns by weight

**Call2Recycle Certificate of Recycling** – certificate we can provide upon request that verifies the shipper and weight of each shipment

**Call2Recycle Canada Flow Chart** – diagram overview for the flow of batteries through collection, sorting and final processing

**Call2Recycle PELES 2009, 2011, 2012** – allows for movement of batteries between Canadian provinces

**Call2Recycle ON COA 2004** – issued by the Ontario Ministry of the Environment, this Certificate of Approval (COA) authorizes program collection, consolidation and sorting in Ontario

**Call2Recycle ON COA 2009** – amends the COA from 2004 to add all battery chemistries

**Transport Canada December 2010 Bulletin** – overview of battery shipping requirements in Canada

**INMETCO Flow Chart (for batteries originating in the U.S. and/or Canada)** – overviews the processing used at INMETCO

**Newalta Ft. Erie Certificate of Insurance (for batteries originating in Canada)** – general, auto, workers compensation, and pollution

**Newalta Ft. Erie Fact Sheet (for batteries originating in Canada)** – overview of company receiving and sorting batteries in Eastern Canada

**Newalta Ft. Erie Certificate of Approval, 2009 and 2011 (for batteries originating in Canada)** – issued from Ontario for collection, transfer and storage of batteries from Ontario Ministry of the Environment

**Newalta Ville Ste. Catherine Fact Sheet (for batteries originating in the U.S. and/or Canada)** – overview of company processing SSLA batteries

**Newalta Ville Ste. Catherine Certificate of Approval (for batteries originating in the U.S. and/or Canada)** – issued from Quebec for the acceptance of Pb

**Newalta Ville Ste. Catherine ISO 9001 Certification (for batteries originating in the U.S. and/or Canada)** – issued in accordance with ISO for a quality management system

### **Additional Documentation - continued**

**The Wireless Alliance (TWA) ISO 14001 Certification (for cellphones originating in the U.S. and/or Canada)** – issued in accordance with ISO 14001 Environmental Management Standards, this certificate affirms there is an environmental management system and improves environmental performance

**TWA Responsible Recycling® (R2) (for cellphones originating in the U.S. and/or Canada)** – certification for collection and management of electronics, including Call2Recycle cellphones

**Glencore Xstrata Custom Feed Certificate of Approval No 8-5075-87-898 (for batteries originating in the U.S. and/or Canada)** – issued from Ontario Ministry of the Environment for the acceptance of Li-ion batteries

**Glencore Xstrata ISO 14001 Certification (for batteries originating in the U.S. and/or Canada)** – issued in accordance with ISO 14001 Environmental Management Standards, this certificate affirms there is an environmental management system and improves environmental performance

**Retriev Technologies (formerly Toxco) Audit Package (for batteries originating in the U.S. and/or Canada)** – overview of audit information including facility permits for this receiver of batteries in Western Canada and processor of Lithium-based batteries

**Retriev Technologies (formerly Toxco) Certificate of Insurance (for batteries originating in the U.S. and/or Canada)** – pollution liability, general liability and property

**Wistron Certificate of Insurance (for batteries originating in the U.S.)** – general, auto, workers compensation, and pollution liability for facility that receives and sorts batteries/cellphones collected by Call2Recycle

**Wistron Responsible Recycling® (R2) Certificate (for batteries originating in the U.S.)** – certification for collection and management of electronics, including Call2Recycle batteries

**Wistron Recycling Industry Operating Standard (RIOS) (for batteries originating in the U.S.)** – certification of recycling industry for quality, environmental, and health & safety (QEH&S) management systems

**Additional information is available on our websites:** <http://www.call2recycle.org> and <http://www.call2recycle.ca>

# 1

## COLLECTION

Public Agencies  
Retailers  
Businesses  
Municipalities

## Call2Recycle Physical Flow: United States

# 2

## SORTING

Recording and sorting by chemistry

INMETCO Ellwood City, PA  
WISTRON McKinney, TX

# 3

## PROCESS & RECOVERY

Processed by chemistry type

Li-Ion Batteries

SSLA/Pb Dry Cell Batteries

Ni-Cd, Ni-MH, Ni-Zn

Cellphones

**Xstrata**

Sudbury, ON  
Canada

COBALT RECOVERED

**NEWALTA**

Ville Ste-Catherine, QC  
Canada

LEAD RECOVERED

**INMETCO**

Ellwood City, PA

NICKEL-IRON STAINLESS STEEL  
& CADMIUM RECOVERED

**THE WIRELESS ALLIANCE**

Boulder, CO

METALS RECOVERED OR REFURBISHED/RESOLD  
PROCEEDS FUND CELLPHONE COLLECTION  
PROGRAM & PUBLIC EDUCATION



December 7, 2012



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety Administration**

East Building, PHH – 30  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

DOT-SP 14849  
(THIRD REVISION)

**EXPIRATION DATE: December 31, 2015**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Call2Recycle, Inc. (Former Grantee: Rechargeable Battery Recycling Corporation)  
Atlanta, GA
2. PURPOSE AND LIMITATIONS:
  - a. This special permit authorizes the manufacture, marking, sale and use of non-DOT specification fiberboard boxes for the transportation in commerce of certain batteries without shipping papers, marking of the proper shipping name and identification number or labeling, when transported for recycling or disposal. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Subparts C, D and E of Part 172 in that shipping papers, marking and labeling are not required for batteries already excepted by § 172.102(c) special Provisions 130, 188 and 189;

**December 7, 2012**

§ 173.159a(c)(2) in that marking the outer packaging is waived; § 172.102(c) Special Provisions 188 a. and f. and 189 e. and f. in that alternative marking and documentation is authorized and alternative means of identifying any special procedures to be followed in the event a package is damaged is authorized, as provided herein.

5. BASIS: This special permit is based on the application of Rechargeable Battery Recycling Corporation dated November 21, 2011, submitted in accordance with § 107.109 and additional information dated November 28, 2012.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Lithium metal battery	9	UN3090	II
Lithium ion battery	9	UN3480	II
Lithium ion batteries packed with equipment or Lithium ion batteries contained in equipment	9	UN3481	II
Batteries, wet, nonspillable	8	UN2800	III
Batteries, dry, sealed, n.o.s.	See Special Provision 130		

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a non-DOT specification fiberboard box that is capable of withstanding a 1.2 meter drop test in any orientation -

- ° without damage to cells or batteries contained in the package;
- ° without shifting of the contents that would allow short circuiting; and
- ° without release of package contents.

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b. Each fiberboard box must be printed with instructions for complying with the requirements of this special permit.

c. Each package must be marked "Used Batteries for Recycling: May Contain Lithium (ion) and Nonspillable Batteries. FOR HIGHWAY OR VESSEL TRANSPORT ONLY - FORBIDDEN FOR TRANSPORTATION BY AIRCRAFT" at least 6mm (.25 inch) in height.

d. Each package must be marked with an emergency response telephone number accessible 24 hours per day in case of damage to the packaging or contents.

e. Each package must be marked with the special permit number as required by 49 CFR 172.301(c).

8. OPERATIONAL CONTROLS:

a. The grantee must provide each person who packages materials in boxes subject to this special permit detailed instructions on the requirements of the special permit and packaging batteries for transport. The instructions must be displayed where the packages are closed for transportation and must at a minimum communicate each requirement of paragraph 8.b. through 8.h. and 9.c. of this special permit.

b. This packaging is to be used only authorized for battery disposal or recycling purposes.

c. Lithium metal batteries transported in this packaging are limited to 5 grams of lithium per battery. Lithium ion batteries are limited to 25 grams of equivalent lithium content per battery or 300 Watt-hours. Non-spillable batteries are limited to 11 pounds or less gross weight each.

d. All batteries to be transported in this packaging must be separated, such as in individual bags, or protected from short circuits, such as by taping the terminals.

e. Electrical devices must be protected against short circuits and unintentional activation.

f. The gross weight of the package may not exceed 30 kg (66 pounds).

g. Packages must be stored away from heat.

**December 7, 2012**

h. Each package must be securely closed prior to being offered for transportation.

i. When utilized as specified in these instructions, the completed package is excepted from the requirements of Subparts C, D and E of Part 172 (shipping papers, marking and labeling respectively).

j. If the packaging is used to transport nonspillable batteries, the completed package is excepted from the marking requirements for the outer packaging for nonspillable batteries in § 173.159a(c)(2).

k. The testing requirements for lithium batteries under § 173.185(a)(1) are waived.

9. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit, but receives a package covered by this special permit, may offer it for transportation provided it is offered for transportation in conformance with this special permit and the HMR.

c. A person offering a package covered by this special permit to a motor carrier must notify the operator of the motor vehicle of the presence of hazardous materials and that in the event of damage, the emergency response number, and emergency procedures applicable to the motor carrier appear on the package.

d. A current copy of this special permit must be accessible from each facility where the package is offered for transportation (computer generated is acceptable). In addition, a copy of the special permit must be available on the grantees website.

**December 7, 2012**

- e. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Special Permits and Approvals for a specific manufacturing facility.
- f. The grantee must keep on file and make available upon request annual reports from box inspections conducted at locations where batteries are consolidated and/or processed. These reports must include all noted non-compliance with the HMR and/or this special permit and actions taken to prevent recurring of such non-compliance.
- g. A list of companies that have been provided these packagings must be maintained and made available upon request.
10. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle and Cargo Vessel. Cargo vessel is authorized only to and from Alaska, Hawaii, Guam, and Puerto Rico.
11. MODAL REQUIREMENTS: None, as a requirement of this special permit.
12. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
  - o Registration required by § 107.601 et seq., when applicable.

**December 7, 2012**

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

13. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety -- OHMSPA, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm) Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: LAVALLE



# PERRY JOHNSON REGISTRARS, INC.

## *Certificate of Registration*

*Perry Johnson Registrars, Inc., has assessed  
the Environmental, Health and Safety Management System of:*

**Call2Recycle, Inc.**  
**1000 Parkwood Circle, Suite 200, Atlanta, GA 30339 United States**

*(Hereinafter called the Organization) and hereby declares that the Organization has been  
audited by an ISO 17021 accredited certification body in conformance with applicable  
ANAB requirements and is found to be in conformance with all requirements of the*

### **Responsible Recycling® (R2) Rev. 10/2008**

*This Registration is in respect to the following scope:*

**Management of the Collection, and the Distribution to Downstream Processors,  
for the Recycling of Batteries and Cell Phones**

*(Non-Applicable Provisions: 4. On-Site Environment, Health, and Safety; 9. Storage; 10. Facility Security; and 11. Closure Plan and Financial Responsibility)*

*This Registration is granted subject to the system rules governing the Registration referred to above, and the  
Organization hereby covenants with the Assessment body duty to observe and comply with the said rules.*

For PJR:

Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)  
755 West Big Beaver Road, Suite 1340  
Troy, Michigan 48084  
(248) 358-3388



*The validity of this certificate is dependent upon ongoing surveillance.*

Effective Date:

December 22, 2011

Revision Date:

March 6, 2013

Expiration Date:

December 21, 2014

Certificate No.:

C2011-02937-R1





20595

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/13/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Commercial Lines - (404) 923-3700 Wells Fargo Insurance Services USA, Inc. 3475 Piedmont Road NE, Suite 800 Atlanta, GA 30305-2886	<b>CONTACT NAME:</b> Atlanta Certificate Requests <b>PHONE (A/C, No. Ext):</b> 404-923-3700 <b>FAX (A/C, No):</b> 877-362-9069 <b>E-MAIL ADDRESS:</b> atlcertrequests@wellsfargo.com																					
<b>INSURED</b> Call2Recycle, Inc. 1000 Parkwood Circle, Ste. 200 Atlanta GA 30339	<table border="1"> <thead> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr> </thead> <tbody> <tr> <td>INSURER A:</td><td>AIG Specialty Insurance Company</td><td>26883</td></tr> <tr> <td>INSURER B:</td><td>Federal Insurance Company</td><td>20281</td></tr> <tr> <td>INSURER C:</td><td></td><td></td></tr> <tr> <td>INSURER D:</td><td></td><td></td></tr> <tr> <td>INSURER E:</td><td></td><td></td></tr> <tr> <td>INSURER F:</td><td></td><td></td></tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	AIG Specialty Insurance Company	26883	INSURER B:	Federal Insurance Company	20281	INSURER C:			INSURER D:			INSURER E:			INSURER F:		
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INSURER E:																						
INSURER F:																						

**COVERAGES****CERTIFICATE NUMBER:** 7173689**REVISION NUMBER:** See below

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			EG14756681	1/4/2014	1/4/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			14 73252697	1/4/2014	1/4/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			EGU14756756	1/4/2014	1/4/2015	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	71632600	1/4/2014	1/4/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Pollution Legal Liab			EG14756681	1/04/2014	1/04/2015	\$5,000,000 Aggregate

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Evidence of Coverage

**CERTIFICATE HOLDER**

Call2Recycle, Inc  
 1000 Parkwood Circle  
 Suite 200  
 Atlanta, GA 30339

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

The ACORD name and logo are registered marks of ACORD

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ACORD 25 (2010/05)

(This certificate replaces certificate# 7158670 issued on 1/8/2014)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
06/03/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Marsh USA, Inc. 1166 Avenue of the Americas New York, NY 10036 Attn: NewYork.certs@Marsh.com Fax: 212-948-0500  067576--CAS-14-15	<b>CONTACT</b> NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS:  <b>INSURER(S) AFFORDING COVERAGE</b> INSURER A : Greenwich Insurance Company  INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :  <b>NAIC #</b> 22322
<b>INSURED</b> The International Metals Reclamation Company Inc. (INMETCO) One Inmetco Drive Ellwood City, PA 16117	

**COVERAGES** **CERTIFICATE NUMBER:** NYC-005954547-24 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <b>EXCESS LIAB</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> N/A						<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	POLLUTION & REMEDIATION LEGAL LIABILITY			PEC002640406	05/15/2014	05/15/2015	PER INCIDENT/AGGREGATE 15,000,000 SIR 250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

## CERTIFICATE HOLDER

Commonwealth of Pennsylvania Department  
of Environmental Protection Bureau of Land Recycling and  
Waste Management  
Division of Hazardous Waste Management  
RCSOB - 14th Floor / PO Box 8471  
Harrisburg, PA 17105-8471

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE  
of Marsh USA Inc.

Matthew Fry

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/05/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

**PRODUCER**  
Marsh USA, Inc.  
1166 Avenue of the Americas  
New York, NY 10036  
Attn: NewYork.certs@Marsh.com Fax: 212-948-0500

**CONTACT NAME:**  
**PHONE** (A/C, No, Ext):  
**E-MAIL**  
**ADDRESS:**

**FAX**  
(A/C, No):

067576-ALL-gauw-13-14

**INSURED**  
Horsehead Holding Corp.  
4955 Steubenville Pike  
Suite 405  
Pittsburgh, PA 15205

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	ACE American Insurance Company	22667
INSURER B :	ACE Property & Casualty Insurance Company	20699
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

**COVERAGES****CERTIFICATE NUMBER:**

NYC-005727466-38

**REVISION NUMBER:** 11

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			HDO G27328209	11/01/2013	11/01/2014	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			ISA H08814934	11/01/2013	11/01/2014	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			M00537895 005	11/01/2013	11/01/2014	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WLR C47874579	11/01/2013	11/01/2014	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

**CERTIFICATE HOLDER**

Inmetco  
Attn: John Onuska  
PO Box 720  
245 Pottersville Road  
Ellwood City, PA 16117

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE  
of Marsh USA Inc.

Manashi Mukherjee

*Manashi Mukherjee*



# *Certificate of Registration*

This certifies that the Environmental Management System of

## **The International Metals Reclamation Company**

One Inmetco Drive  
Ellwood City, Pennsylvania, 16117, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

### **ISO 14001:2004**

#### **Scope of Registration:**

High Temperature Metals Recovery Facility with Part B Hazardous Waste Storage.



Certificate Number: 61321-EM2  
Certificate Issue Date: 19-DEC-2013  
Registration Date: 19-DEC-2013  
Expiration Date \*: 18-DEC-2016

Carl Blazik,  
Vice President, Technical  
Operations, NSF-ISR, Ltd.

**NSF International Strategic Registrations**

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | [www.nsf-isr.org](http://www.nsf-isr.org)

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.  
\*Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at [www.nsf-isr.org](http://www.nsf-isr.org)





## NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105  
(888) NSF-9000 | [www.nsf-isr.org](http://www.nsf-isr.org)

# *Certificate of Registration*

This certifies that the Quality Management System of

## **The International Metals Reclamation Company**

One Inmetco Drive  
Ellwood City, Pennsylvania, 16117, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

### **ISO 9001:2008**

#### **Scope of Registration:**

Secondary smelting and refining of ferrous and nonferrous metals. Metals recovery and waste recycling.



Certificate Number:	61321-IS2
Certificate Issue Date:	15-JUN-2012
Registration Date:	09-JUN-2012
Expiration Date *:	08-JUN-2015

William Niedzwiecki,  
President & General Manager,  
NSF-ISR, Ltd.

## **ENVIRONMENTAL AUDIT INFORMATION**

**INMETCO® (The International Metals Reclamation Company, Inc.)**

**One Inmetco Drive, Ellwood City, PA 16117**

**(724) 758-5515 Fax (724) 758-2837**

**Website – [www.inmetco.com](http://www.inmetco.com)**

Inmetco is located in Western Pennsylvania, north of Pittsburgh and south of New Castle in Lawrence County. The Inmetco property once was the site of U.S. Steel's National Tube Works manufacturing facility that operated from the early twenties to the early seventies. The construction of INMETCO began in 1976, with operations commencing in late 1978. The main facility is housed in one building being 3.2 acres, under roof, where the storage and processing of feed material is conducted. The active portion of the TSD function is approximately 12 acres of the 92 acres INMETCO owns.

### **1. RCRA Permit Numbers**

Inmetco is a US EPA RCRA regulated as a TSD for the storage of hazardous waste. The process is an EPA RCRA exempt secondary metals reclamation operation, which reclaims nickel, chromium and iron from hazardous and nonhazardous wastes. Our process uses the only smelting furnace in North America dedicated to the recovery of nickel, chrome and iron, while producing a stainless steel remelt alloy used by virtually all of the domestic specialty steel manufacturers plus customers in Canada, Europe, China and Asia.

Inmetco is a wholly owned subsidiary of Horsehead Holding Corp., DB# 609074703, which is one of the world's largest zinc producing companies. The Ellwood City, Pennsylvania facility operates a commercial recycling, RCRA Part-B permitted hazardous waste facility. Inmetco received its Part-B Hazardous Waste Storage Permit #PAD087561015 from the Pennsylvania Department of Environmental Protection (PA-DEP) on November 6, 1992, and was revised and reissued on December 14, 2006 and it expires on July 14, 2016. Inmetco is under the jurisdiction of the Meadville regional office: 230 Chestnut Street, Meadville, Pennsylvania 16335-3494; general phone number (814) 332-6848; Dept. of Solid Waste (814) 332-6848, Mr. Chuck Byham is the PADEP contact person.

Inmetco also has air permits with PA-DEP, Bureau of Air Quality for the following areas: Rotary Hearth Furnace Baghouse, Electric Arc Furnace Baghouses, Cadmium Recovery Baghouse, Pelletizing Disc, Sludge Dryer, Raw Material Feed Preparation and Calcine Thermal Oxidizer. The individual source permits have been umbrelled through issuance of the PADEP Title V Operating Permit, #37-00243. The Company has a wastewater treatment plant to handle contact waters from the process. The process water is under a permit-by-rule standard. Inmetco has a pretreatment agreement with the Ellwood City Sewage Treatment Authority for pH, temperature and metals.

### **2. Waste Analysis Plan Program for Incoming Hazardous Wastes**

Before any wastes are accepted, they must first pass a prescreen analysis through Inmetco's lab. Only pre-authorized wastes can be shipped to Inmetco. Before processing, all feedstocks are again analyzed and compared to the prescreen analysis. Any significant deviation from the prescreen analysis, without prior approval, may result in the rejection of the material. Rejected material is returned to the generator at their expense or, if processed, additional fees may add to it. The Marketing and Sales Department monitors this function.

**3. Air Permits**

Inmetco is under the jurisdiction of the PA-DEP, Bureau of Air Quality, Meadville office. Contact person is Mr. Tom Flaherty at (814) 332-6940. The local Air Quality Inspector is Mr. Scott Dyll at (724) 656-3136.

The PA DEP issued Inmetco a Title V state operating permit #37-00-243 on April 13, 2011 (expiration date is March 31, 2016). The permit encompasses all previously issued permits. In December of 2009 a permit renewal application was submitted to the PA-DEP, Bureau of Air Quality, Meadville office.

**4. Site Security**

An outside contract firm, G4S-Wackenhut Security provides Twenty-four hour, 7 days a week security. All personnel and visitors must register at the guard station. An 8-foot barbed wire cyclone fence surrounds the 92-acre facility.

**5. Personnel Training**

INMETCO has OSHA/EPA required trained personnel.  
INMETCO provides the following training to all applicable employees:

- Personal Protective Equipment
- Respiratory Protection
- Fire Training
- Hazardous Communication, CFR 29, 1910.1200 (Worker Right-to-know)
- OSHA Lead and Cadmium Standards
- Mobile Equipment Training Program
- Lockout/Tagout
- Permitted Confined Space

**6. Worker Compensation and Product Liability Insurance**

The insurance carrier is Marsh USA, Inc., 1166 Avenue of the Americas, New York, New York 10036, the policy numbers # : HDOG27014835, ISAH08712098, M00537895004, WLR C47127658 (AOS), WLRC4712766(NC) expires 11/01/2013.. All insurance information is available by written request through Horsehead Holding Corp. corporate representative Ms. Terri Belczyk (724) 773-2290.

**7. Manifests and Record Keeping**

Manifests are kept in the Traffic Department office for the past and current year. All others are sent to records retention (off site) for 20 years after closure or 40 years from date of receipt, whichever is longer.

**8. Financial Responsibility for the Facility**

INMETCO, a wholly owned subsidiary of Horsehead Holding Corp. Inmetco has a Closure, Post-Closure Corporate Liability insurance is a Surety Bond with the PA-DEP. INMETCO's Letter of Credit is with PNC Bank, . Collateral No. #18112429-00-000, for 5.89 million, for the facilities closure costs. INMETCO's closure cost estimate is: 5.89 M (01/10). To confirm current status of INMETCO Environmental Ins., call Mr. Chuck Byham of PA-DEP at (814) 332-6848.

Commercial General Liability – Marsh USA, Inc., # HDO G27014835 Expires: 11/01/2013  
Pollution Legal liability -, Marsh USA, Inc # PEC 002640404, Expires: 05/15/2013

**9. Weekly Inspection Records**

INMETCO performs daily, weekly and monthly RCRA inspections. Various equipment and storage areas are inspected on every shift.



**10. Environmental Monitoring (i.e. Groundwater and Air Monitoring)**

INMETCO conducts no groundwater monitoring because all wastes are stored in tanks or containers inside roofed buildings. The tanks or containers have walls on all sides and a minimum of 6" of sealed concrete, with a 30-mil PVC liner as per PA regulation 25 75.264 (b) (3).

Air emissions are monitored by process controls and settings. Stack tests are conducted as requested by the PA-DEP, or for permit renewals. The stacks are permitted for total particulate, NOx VOC's and visible emissions.

There are no known drinking water wells within 1/4 mile of the facility. Both Ellwood City and the Borough of Ellport have city water systems that draw water from the Slippery Rock Creek located 1/2 mile upstream of the INMETCO facility.

The local groundwater flow system is primarily controlled by topography. There is no known use of the groundwater in the vicinity of the INMETCO plant. The Homewood Sandstone is the first continuous water-bearing zone underlying the site and it represents an unconfined aquifer at this location. The hydraulic gradient in this aquifer is almost flat in the immediate vicinity of the facility but steepens rapidly toward the sandstone outcrop along the banks of the Connoquenessing Creek to the north of the site. The uppermost-unconfined aquifer (depth is between 30 and 36 feet) flows north-northeast toward the Connoquenessing Creek.

**11. Underground Tanks**

INMETCO has no underground tanks. There has been remediation of (2) underground fuel tanks (one in March of 1991, the other in September of 1990. Both tanks were left from previous owners. The tanks were removed, cleaned, cut up and sold as scrap metal.

The PA-DEP has not required any groundwater monitoring for these tanks.

**12. Disposal of Baghouse Dust ,WWTP Filter Cake Containing Zinc, Lead, and Cadmium**

At present, INMETCO's zinc, lead and cadmium by-product is manifested as 061 and sent to Horsehead Corp., Inc., 900 Delaware Avenue, in Palmerton, Pennsylvania 18071 (EPA I.D. No. PAD002395887), a reclaimer of zinc, lead and cadmium. Ms. Mary Wingert, Manager Steel and Industry Services at 610.826.8986, is the contact person at Horsehead Corp.

**13. Liquid Processing - Wastewater Permits**

INMETCO conducts no acid neutralization. Acidic liquids and spent metal-bearing solutions are used on the pelletizing disc to make pellets. INMETCO sends its treated wastewater blow down to the Ellwood City Public Treatment Owned Works (NPDES #PA0026832) under a pre-treatment agreement with the City it was effective August 1, 2003; and it expires on December 31, 2014. Contact can be made with the facility by calling (724) 758-4749. The discharge water to the city is between 0 and 60,000 gallons/day. Inmetco has never caused a violation at the sewage treatment plant. *Inmetco has had zero discharge of any process water since November 2010.*

**14. Residual Waste Report**

Available on the PADEP website at <http://www.dep.state.pa.us>. Go to Efacts.

**15. Notices of Violations - NOVs**

A complete list of all of Inmetco's NOV is attached as separate document. (inclusive of the years 1999 through 2013 YTD). See attached compliance history.

Facility information can be verified through the PADEP website at <http://www.dep.state.pa.us/efacts/>

**16. Storm Water.**

INMETCO was issued a General Permit for discharge of its storm water from industrial activities on November 6, 1992 (Permit Number PAR208329). Requirements of the Permit are to monitor and report Appendix B parameters (metals) every 6 months. The Permit was issued on March 01, 2012 and expires at midnight February 28, 2017. INMETCO's storm water discharges into the Connoquenessing Creek. The confluence of the Slippery Rock and Connoquenessing Creeks is approximately one-half mile to the west, upgradient of the facility. The Slippery Rock Creek, which is 1/2 mile upstream from INMETCO, is the source of city water for Ellwood City and the Borough of Ellport. The INMETCO plant is on the city water system, operated by the West Penn Water Co. for portable water and fire protection. There are no known private or public drinking water wells within a 1/2 mile of INMETCO.

**17. Geology of the INMETCO Facility**

The INMETCO facility is situated on a low-relief upland area at an approximate elevation of 915-feet. The Connoquenessing Creek, which flows around the site, is situated approximately 900 feet north of the facility at an approximate elevation of 780 feet, and 1,600 feet south of the facility at an elevation of approximately 830 feet. The river has a very narrow floodplain and very steep slopes, which range from 50 to 75 percent. Therefore, INMETCO is not in the 100-year flood plane.

Regional structure consists of a homocline, which dips, in a southerly direction. However, numerous small undulations and other minor structural features are superimposed on the regional trend. Bedrock underlying the INMETCO plant dips approximately one percent to the west-southwest. There are no major faults identified in this area. However, lineaments, fractures, and joints are generally quite prevalent.

Stratigraphic units present in the study area primarily belong to the Pottsville Group of the Pennsylvania System. Overlying Allegheny Group strata (Clarion Formation) comprise adjacent hilltops. The lowest exposed stratigraphic unit is the Upper Connoquenessing Sandstone Member, which is quite massive and laterally extensive. Above this are argillaceous strata, which comprise the Mercer Shale Member. Situated above the Mercer Shale Member is the 30-foot to 50-foot thick Homewood Sandstone. This unit typically forms topographic flats in upland areas and cliffs along its outcrop. The Homewood Sandstone is light brown to gray in color and is often quite iron stained; it is generally fine grained near the top of the unit and becomes medium grained with depth. Clay streaks are common and it also exhibits extensive cross bedding. Strata of the Clarion Formation (Allegheny Group) above the Homewood Sandstone comprise hilltops situated adjacent to the INMETCO facility. Lithologies include interbedded shale and sandstone and several thin coal seams.

**18. Community Relations**

INMETCO has good community relations with the local citizens. Approximately 75% of Inmetco's workforce live within a 15 mile radius of the facility.

**19. Environmental Litigation**

INMETCO has no pending or past environmental litigation involving the facility, its employees or its officers. INMETCO has no compliance issues with any federal, state or local agency.

**20. PCB's & Asbestos**

INMETCO has no PCB-containing materials on site.

INMETCO has conducted Asbestos Abatement of Asbestos found on site from the former US Steel operation. All known asbestos has been removed and properly disposed of.

**21. Boiler and Industrial Furnace Rule (BIF)**

INMETCO's furnace operation is exempted from the BIF regulations as stated in 40 CFR 260, 261, 265 266. See section 266.100 (c) and Appendix XII, as published in Federal Register/Volume 56, No. 166/Tuesday, August 27, 1991/Rules and Regulations. INMETCO filed its notice under the rule with EPA/DEP on August 16, 1991. A supplemental notice pursuant to the rule on August 21, 1991 was filed, as per the regulation.

**22. INMETCO's Co-Product Slag (Aggregate)**

The INMETCO Process produces annually approximately 14,000 to 19,000 tons of a rock aggregate slag. Inmetco's slag is covered by 40 CFR 266.20 Subpart C; Recyclable Materials used in a manner constituting disposal.

The slag is sold locally for use as construction aggregate for roads, parking lots and backfill.

**23. Inmetco Products**

The cadmium from batteries is recovered as a product in the INMETCO Cadmium Recovery Operation. The cadmium is sold to nickel-cadmium battery manufacturers for reuse in batteries and pigments.

Nickel-Chromium-Iron-Moly Remelt Alloy is sold to the stainless steel mills for the manufacturing of stainless steel products.

**24. Miscellaneous Notes:**

The DEP, Bureau of Solid Waste, conducts RCRA inspections approximately four times per year. The local solid waste inspector at (724) 656-3160.

INMETCO's: EPA I.D. number is PAD087561015  
Dunn and Bradstreet number is 08-756-1015  
Federal Tax number is 13-2858892  
Incorporated in the state of Delaware  
NAICS 331492

**24. Miscellaneous Notes cont.**

INMETCO is a wholly owned subsidiary of:  
Horsehead Holding Corporation  
4955 Steubenville Pike, Suite 405  
Pittsburgh, PA 15205  
724-773-2212  
Dun Bradstreet (DB) #609074703

List of Surrounding Land Uses  
North Residential  
South Industrial/Woodlot

East Residential  
West Industrial

Population within 1 mile of the facility: 11,000  
4 miles of the facility: 17,000  
Ellwood Boro: 8,890

Latitude is 40:51:25, Longitude is 80:16:37

Inmetco is less than a half-mile away from the nearest school, hospital and fire department.

Total number of non-union employees: 104

74 Hourly

61 are in Production

13 are in Maintenance

30 Salaried

2 are in the Environment, Health Safety Department personnel

Both individuals have been employee at in Inmetco in excess of 20 years

Facility-wide turnover rate over the past 3 years was less than 6

Average annual precipitation (rainfall) in Ellwood City, PA is: 36 - 39"

Rain events - 10 year: 3.9", 25 year: 4.2", 100 year: 5.2"

Prevailing wind direction - from West South - Speed: 5-15 knots

Mean annual lake evaporation is 20 - 30" per year

Altitude above sea level 917.7'

Average Barometric Pressure 1017.5 Millibars

Average Relative humidity 58

Seismic Coefficient Factor #1

Average Temperatures: Minimum 20 F, Mean 59 F, Maximum 61.9 F

Average Soil Pressure Bearing Load 2,000 PSF

Total Under Roof Facility Square Footage 350,244

## LARGE BOX: RECHARGEABLE BATTERY AND CELLPHONE PROGRAM GUIDELINES

Follow these 6 simple steps, and you'll be on your way to responsibly recycle rechargeable batteries and cellphones.

### Step 1: UNDERSTAND WHAT CAN BE ACCEPTED FOR RECYCLING

- Rechargeable batteries each weighing less than 11 lbs
  - Nickel Cadmium (Ni-Cd)
  - Nickel Metal Hydride (Ni-MH)
  - Lithium Ion (Li-Ion)
  - Nickel Zinc (Ni-Zn)
  - Small Sealed Lead Acid (SSLA/Pb)
- Cellphones (and their batteries) - regardless of size, make, model or age

Batteries NOT Accepted: non-rechargeable or wet-cell

### STEP 2: BUILD THE BOX



Remove shrink wrap. Pull and lift front flap.

### STEP 2: (CONT'D)



Insert header tabs into top slots and side flaps into back slots. Ensure bags are neatly positioned.

### STEP 3: DATE & DISPLAY



Write today's date in the accumulation start date on the back of the box. Display the Call2Recycle collection box in a monitored, but viewable location.

### STEP 4: BAG IT...



Insert one battery or cell-phone in provided bags. For big batteries, or if no bag is available, cover terminals with tape (electrical/duct/masking).

### SEAL IT...



Remove plastic strip from top of bag and seal.

### DROP IT!



Deposit sealed bag into the box.

### STEP 5: SECURE BOX



When the box is full (do not overfill; 66 lb limit): Release header tabs, remove backing from inside tape strips and fold over front of box. Insert flaps into front slits.

### STEP 6: PREPARE SHIPMENT



Secure box by cross-taping both vertically and horizontally. Print your return address on the pre-paid, pre-addressed shipping label. Add box to daily FedEx or UPS\*\* pick-up.

### ADDITIONAL INFORMATION

\*\*UPS may charge a fee for scheduling pick-ups, so to avoid these charges, we recommend that you hold containers until a UPS delivery is made to your location.

Contact Us:  
Online at [call2recycle.org](http://call2recycle.org)  
Email: [customerservice@call2recycle.org](mailto:customerservice@call2recycle.org)  
Phone: 877.723.1297



## Site Summary Report

### Battery Collection Site

Call2Recycle ID: XXXXX  
Enrolled: December 14, 2005

Store ID:  
Address  
City, State, Zip+4

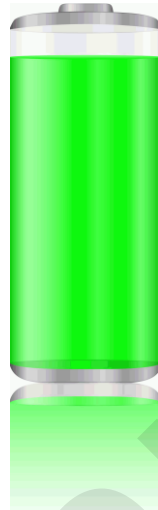
Batteries / Cell Phones Collected From 1/1/2011 To 7/31/2011

#### Rechargeable Batteries

	Weight (lbs)
Nickel Cadmium (Ni-Cd)	804
Lithium Ion (Li-Ion)	1,264
Nickel Metal Hydride (Ni-MH)	5,620
Small Sealed Lead Acid (SSLA/Pb)	6,628
<b>Total:</b>	<b>14,316</b>

#### Non-Rechargeable Batteries / Cell Phones

	Weight (lbs)
<b>Total:</b>	<b>0</b>



### Fully Charged!

You Last Sent a Box to Call2Recycle  
On July 13, 2011.

(34 Days Ago)

For the Reporting Period You Have:

Sent in **1** Box

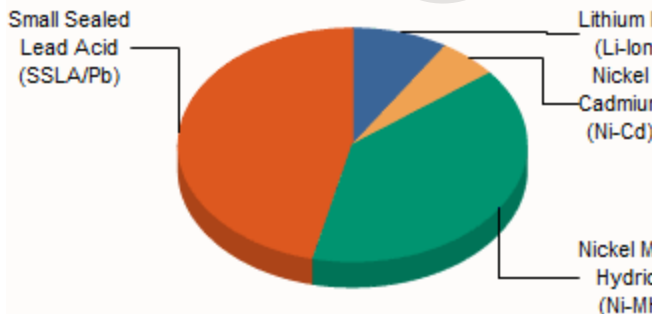
Collected a Total of **14,316 lbs**

Returned **0** Cell Phones

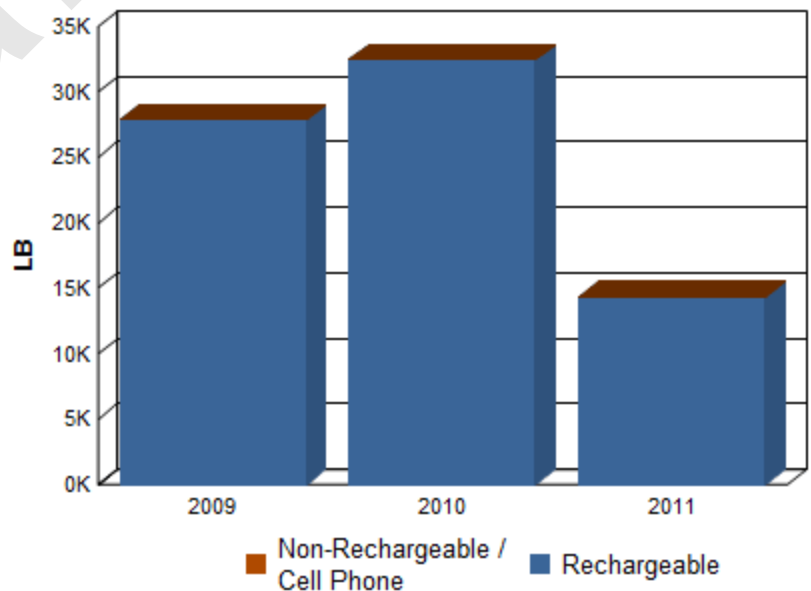
**Fully Charged** - You last recycled with Call2Recycle within 6 months  
**Time To Recharge** - You last recycled with Call2Recycle between 6 months and 1 year ago  
**Drained** - You last recycled with Call2Recycle more than 1 year ago

#### Collection Breakdown

Weights in lbs



#### 3 Year Trend



Call2Recycle Account Manager: Todd Ellis  
tellis@call2recycle.org



## Certificate of Recycling

### Date Issued:

All materials received with the below tracking/receipt number and date, have been received through RBRC at The International Metals Reclamation Company, Inc. **INMETCO operates a hazardous/non-hazardous waste reclamation facility under the rules of the Pennsylvania Department of Environmental Resources and the U.S. EPA. (ID No. PAD087561015). All waste materials accepted for recycling are received, analyzed and processed in accordance with INMETCO's Part B permit. These waste materials are handled in a manner that adheres to all applicable federal, state and local laws, ordinances, regulations and guidelines.**

#### Receipts for Recycling Customer (USA) - RBRC Site ID XXXX City, State

Receipt Number	Receipt Dates	RBRC Net Weight	BOL/Manifest #
SAMPLE			

Call2Recycle® is operated by the Rechargeable Battery Recycling Corporation (RBRC), which administers contracts for used rechargeable battery and cell phone collection, transportation, consolidation, and recycling; conducts due diligence environmental audits of contractors; and manages the program compliance with environmental and transportation laws.



Carl E. Smith  
CEO/President  
Call2Recycle, operated by RBRC  
1000 Parkwood Circle, Suite 450  
Atlanta, GA 30339

call2recycle®



# 1

## COLLECTION

Public Agencies  
Retailers  
Businesses  
Municipalities

## Call2Recycle Physical Flow: Canada

# 2

## SORTING

Recording and sorting by chemistry

**WESTERN CANADA**  
RETRIEV TECHNOLOGIES  
Trail, BC

**EASTERN CANADA**  
NEWALTA Ft Erie, ON  
LAURENTIDE RE-SOURCES  
Victoriaville, QC

# 3

## PROCESS & RECOVERY

Processed by chemistry type

Li-Ion Batteries

SSLA/Pb Dry Cell Batteries

Ni-Cd, Ni-MH, Ni-Zn,  
and Single-use Batteries

Lithium Primary

Cellphones

Western Canada Eastern Canada

**RETRIEV**  
TECHNOLOGIES  
Trail, BC

**Xstrata**  
Sudbury, ON

**NEWALTA**

Ville Ste-Catherine, QC

**INMETCO**

Ellwood City, PA,  
USA

Western Canada Eastern Canada

**RETRIEV**  
TECHNOLOGIES  
Trail, BC

**INMETCO**  
Ellwood City, PA,  
USA

**THE WIRELESS ALLIANCE**  
Boulder, CO,  
USA

COBALT RECOVERED

LEAD RECOVERED

NICKEL-IRON STAINLESS STEEL  
& CADMIUM RECOVERED

LITHIUM RECOVERED

METALS RECOVERED OR  
REFURBISHED/RESOLD  
PROCEEDS SUPPORT PROGRAM  
AND PUBLIC EDUCATION



Environnement  
Canada

Environnement  
Canada

**Permit of Equivalent Level of Environmental Safety**  
**issued under section 190 of *Canadian Environmental Protection Act, 1999* /**  
**Permis de niveau équivalent de sécurité environnementale délivré en vertu de**  
**l'art. 190 de la *Loi canadienne sur la protection de l'environnement (1999)***

**Permit No.:** EC 02-02/9 (Ren 4 - amended)  
**N° du permis :**

**Permit Holder:** Rechargeable Battery Recycling Corporation of  
**Détenteur du permis :** Canada

**Street Address/** 16 Northumberland Street  
**Adresse municipale:** Toronto, Ontario, Canada M6H 1P7

**Telephone/No de téléphone:** (416) 535-9210

**Facsimile/No de télécopieur:** (416) 536-9892

**Mode of Transport:** road or marine  
**Mode de transport :** voie routière ou marine

**Issue Date:** March 12, 2010  
**Date de délivrance:** le 12 mars 2010

**Expiry Date:** March 31, 2012  
**Date d'expiration :** le 31 mars 2012

**APPLICATION**

- a) This Permit is hereby granted to the Permit Holder for the purpose of collecting from multiple sites and transporting within Canada shipments of hazardous waste that are batteries and/or cell phones.
- b) The Permit Holder shall comply with all of the requirements of the *Interprovincial Movement of Hazardous Waste Regulations* (IMHWR), except as expressly set out in this Permit.

**CHAMPS D'APPLICATION**

- a) Le présent permis est délivré au détenteur du permis, aux fins de la collecte de nombreux sites et de transporter au Canada, des déchets dangereux qui sont des piles et/ou des téléphones cellulaires.
- b) Le détenteur du permis est tenu de se conformer à toutes les exigences du *Règlement sur les mouvements interprovinciaux des déchets dangereux* (RMIDD), autres que celles précisées dans le présent permis.



## DESCRIPTION OF HAZARDOUS WASTES

c) For the purposes of this Permit:

"Batteries" means and, is strictly limited to, one the following types of used batteries: lithium-ion batteries (UN3090), lithium-polymer batteries (UN3090), lithium primary batteries (UN3090), primary and secondary alkaline batteries (UN3028), nickel-cadmium batteries (UN3028), nickel-metal hydride batteries (UN3028), as well as nickel-zinc rechargeable batteries, zinc-air, zinc-carbon or various button cell primary batteries such as those used in hearing aids, watches and cameras (when they meet the classification criteria for UN3090 or UN3028), and small lead acid batteries (UN2800). The term "Batteries" expressly excludes automotive, marine and other wet or spillable batteries (including spillable lead acid batteries), pursuant to the *Transportation of Dangerous Goods Regulations* (TDGR);

"Cell phones" means any phones that appear to have been lawfully used in Canada at any time after 1983 as part of the mobile radio-telephone service licensed by Industry Canada to utilize 50 MHz of spectrum in the 800 MHz band, and individually weigh less than one kilogram, but does not include household cordless phones, mobile installed or bag phones, two-way radios, walkie-talkies, and pagers.

## DESCRIPTION DE DÉCHETS DANGEREUX

c) Dans le but de ce permis:

«Batteries» signifie, et est strictement limité à un des types de batteries épuisées suivants: batteries lithium-ion (UN3090), batteries lithium-polymère (UN3090), batteries au lithium primaires (UN3090), batteries alcalines primaires et secondaires (UN3028), batteries nickel-cadmium (UN3028), batteries nickel-metal hydride de métal (UN3028), ainsi que des batteries rechargeables nickel-zinc, des batteries primaires zinc-air, zinc-carbon ou diverses batteries sous forme de bouton telles que celles utilisées pour les appareils auditifs, les montres ou les caméras (lorsqu'elles rencontrent les critères de classification pour UN3090 ou UN3028) et petits accumulateurs électriques au plomb et acide (UN2800). Le terme «Batteries» exclut expressément des batteries de transport routier, marin et d'autres batteries ou accumulateurs versable et remplis d'électrolyte liquide (y compris les accumulateurs électriques au plomb et acide versables), aux termes du *Règlement sur le transport des marchandises dangereuses* (RTMD);

«Téléphones cellulaires» signifie toutes les téléphones qui ont été utilisés légalement au Canada après l'année 1983 comme partie du service d'unité mobile de radiotéléphone autorisé par Industrie Canada pour utiliser 50 MHz du spectre de la bande de fréquence 800 MHz, et qui ont une masse totale inférieure d'un kilogramme, excluant les téléphones sans fils ménagers, les mobiles montés ou téléphone en sac, les radios avec émetteur-récepteur, les émetteur-récepteurs portatifs et les pagettes.

### **CONDITIONS**

d) This Permit authorizes the Permit Holder or any authorized carrier acting on behalf of the Permit Holder to transport within Canada the hazardous wastes described in section (c) of this permit, in a manner that is at variance with sections 3(1), 3(2), 4(1), 4(2), 4(3), 4(5), 4(6) and 4(7) the IMHWR, under the following conditions:

- I. the hazardous wastes that are batteries and/or cell phones to be recycled;
- II. the total mass of the hazardous wastes transported under this permit is less than 500kg per movement within Canada;
- III. the hazardous wastes are collected from the Permit Holder's battery collection sites for transport to the facility at the following street address:

Newalta Industrial Services  
1731 Pettit Road  
Fort Erie, Ontario  
L2A 5N1.

e) Instead of a manifest as required under section 3 of the IMHWR and in lieu of the requirements set out in subsections 3(2), and 4(1) to 4(6) of the IMHWR, a document that includes the following statement must accompany the hazardous wastes:

"Shipped in accordance with the Permit of Equivalent Level of Environmental Safety EC 02-02/9" or  
"Expédié conformément au Permis de niveau équivalent de sécurité environnementale EC 02-02/9".

f) In lieu of the requirements set out in subsection 4(7) of the IMHWR, a record containing all information

### **CONDITIONS**

d) Le présent permis autorise le détenteur du permis ou tout transporteur agréé mandaté à cet effet par le détenteur du permis, à transporter au Canada, des déchets dangereux décrits dans la section (c) de ce permis, d'une manière qui déroge aux dispositions des paragraphes 3(1), 3(2), 4(1), 4(2), 4(3), 4(5), 4(6) et 4(7) du RMIDD, si:

- I. les déchets dangereux qui sont des batteries et/ou téléphones cellulaires pour fin d'être recyclés;
- II. la masse totale des déchets dangereux transportés en vertu du présent permis est inférieure à 500kg, par mouvement au Canada;
- III. les déchets dangereux sont ramassés aux points de ramassage de piles du détenteur du permis et transportés directement au lieu à l'adresse municipale suivante:

Newalta Industrial Services  
1731 Pettit Road  
Fort Erie (Ontario)  
L2A 5N1.

e) Au lieu d'un manifeste tel que requis dans l'article 3 du RMIDD et au lieu des conditions établies dans les paragraphes 3(2) et 4(1) à 4(6) du RMIDD, un document qui contient la déclaration suivante devait accompagner les déchets dangereux :

«Expédié conformément au Permis de niveau équivalent de sécurité environnementale EC 02-02/9», ou  
«Shipped in accordance with the Permit of Equivalent Level of Environmental Safety EC 02-02/9».

f) Au lieu des conditions établies dans le paragraphe 4(7) du RMIDD, un registre contenant tout les

related to the movements within Canada of hazardous wastes under this permit, is maintained for two years by the Permit Holder at their street address, as set out in this Permit, in Canada, so that the record is available for inspection by an enforcement officer or analyst designated under section 217 of the *Canadian Environmental Protection Act, 1999*.

renseignements correspondants aux mouvements au Canada des déchets dangereux sous ce permis, est conservé par le détenteur du permis pour deux ans à son adresse municipale au Canada de façon à ce que le registre puisse être inspecté par un agent de l'autorité ou par un analyste désigné en vertu de l'article 217 de la *Loi canadienne sur la protection de l'environnement (1999)*.

g) The Minister of the Environment may revoke this permit if the situations described in subsection 190(3) of the *Canadian Environmental Protection Act 1999* arise.

g) Le ministre de l'Environnement peut révoquer le permis s'il est d'avis qu'il s'agit de situations décrites au paragraphe 190(3) de la *Loi sur la protection de l'environnement (1999)*.

h) The Permit Holder must be in compliance with all other applicable Canadian laws.

h) Le détenteur du permis doit respecter toutes les autres lois canadiennes applicables.

i) the Permit Holder will inform in writing the Director of any change to:

i) le détenteur du permis informera le directeur, par écrit, de tout changement concernant :

1. the Permit Holder's name, street address, telephone or facsimile;
2. the name, street address, telephone, facsimile or email of the Contact Person identified in this permit;

1. le nom, l'adresse municipale, ou le numéro de téléphone ou de télécopieur du détenteur du permis;
2. le nom, l'adresse municipale, le numéro de téléphone ou de télécopieur ou du courriel de la personne-ressource identifiée dans ce permis;

within 30 days of the change.

au plus tard 30 jours après que le changement soit effectué.

j) This Permit is non transferable.

j) Ce permis n'est pas transférable.

k) The Permit Holder's street address must correspond to a place in Canada.

k) L'adresse municipale du détenteur du permis doit correspondre à un lieu au Canada.

l) The definitions in section 1 of the IMHWR apply in this Permit.

l) Les définitions contenues à l'article 1 du RMIDD s'appliquent au présent permis.

**Contact Person who is or is authorized to act on behalf of the permit holder/ Personne-ressource qui est le détenteur du permis ou qui est autorisée à agir au nom de celui-ci**

**Contact Person /** Mr. Frank Zechner, Barrister & Solicitor  
**Personne-ressource :**

**Street Address/**  
**Adresse Municipale:** 24 Beresford Avenue  
Toronto, Ontario  
M6S 3A8

**Telephone / No de téléphone :** (416) 319-2004

**Facsimile / No de télécopieur:** (416) 987-6877

**E-mail/Courriel:** [frank.zechner@sympatico.ca](mailto:frank.zechner@sympatico.ca)

Signed for and on behalf of the Minister of the Environment / Signé au nom du ministre de  
l'Environnement



Carolyn Blain  
Director / Directrice  
Waste Reduction and Management Division / Division de la réduction et de la gestion des déchets  
Public Resources and Sectors / Secteurs publics et des ressources  
Environment Canada / Environnement Canada

**Permit of Equivalent Level of Environmental Safety**  
**issued under section 190 of *Canadian Environmental Protection Act, 1999* /**  
**Permis de niveau équivalent de sécurité environnementale délivré en vertu de**  
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**Permit No.:** EC 02-02/9 (Ren 4 – Amendment 2)  
**N° du permis :**

**Permit Holder:** Rechargeable Battery Recycling Corporation of  
**Détenteur du permis :** Canada

**Street Address/** 16 Northumberland Street  
**Adresse municipale :** Toronto, Ontario, Canada M6H 1P7

**Telephone/No de téléphone :** (416) 535-9210

**Facsimile/No de télécopieur :** (416) 536-9892

**Mode of Transport:** road or marine  
**Mode de transport :** voie routière ou marine

**Issue Date:** April 29, 2011  
**Date de délivrance :** le 29 avril 2011

**Expiry Date:** March 31, 2012  
**Date d'expiration :** le 31 mars 2012

**APPLICATION**

- a) This Permit is hereby granted to the Permit Holder for the purpose of collecting from multiple sites and transporting within Canada shipments of hazardous waste that are batteries and/or cell phones.
- b) The Permit Holder shall comply with all of the requirements of the *Interprovincial Movement of Hazardous Waste Regulations* (IMHWR), except as expressly set out in this Permit.

**CHAMPS D'APPLICATION**

- a) Le présent permis est délivré au détenteur du permis, aux fins de la collecte de nombreux sites et de transporter au Canada, des déchets dangereux qui sont des piles et/ou des téléphones cellulaires.
- b) Le détenteur du permis est tenu de se conformer à toutes les exigences du *Règlement sur les mouvements interprovinciaux des déchets dangereux* (RMIDD), autres que celles précisées dans le présent permis.



## DESCRIPTION OF HAZARDOUS WASTES

c) For the purposes of this Permit:

“Batteries” means and, is strictly limited to, one the following types of used batteries: lithium-ion batteries (UN3090), lithium-polymer batteries (UN3090), lithium primary batteries (UN3090), primary and secondary alkaline batteries (UN3028), nickel-cadmium batteries (UN3028), nickel-metal hydride batteries (UN3028), as well as nickel-zinc rechargeable batteries, zinc-air, zinc-carbon or various button cell primary batteries such as those used in hearing aids, watches and cameras (when they meet the classification criteria for UN3090 or UN3028), and small lead acid batteries (UN2800). The term “Batteries” expressly excludes automotive, marine and other wet or spillable batteries (including spillable lead acid batteries), pursuant to the *Transportation of Dangerous Goods Regulations* (TDGR);

“Cell phones” means any phones that appear to have been lawfully used in Canada at any time after 1983 as part of the mobile radio-telephone service licensed by Industry Canada to utilize 50 MHz of spectrum in the 800 MHz band, and individually weigh less than one kilogram, but does not include household cordless phones, mobile installed or bag phones, two-way radios, walkie-talkies, and pagers.

## DESCRIPTION DE DÉCHETS DANGEREUX

c) Dans le but de ce permis:

«Batteries» signifie, et est strictement limité à un des types de batteries épuisées suivants: batteries lithium-ion (UN3090), batteries lithium-polymère (UN3090), batteries au lithium primaires (UN3090), batteries alcalines primaires et secondaires (UN3028), batteries nickel-cadmium (UN3028), batteries au nickel-hydrure métallique (UN3028), ainsi que des batteries rechargeables nickel-zinc, des batteries primaires zinc-air, zinc-carbon ou diverses batteries sous forme de bouton telles que celles utilisées pour les appareils auditifs, les montres ou les caméras (lorsqu’elles rencontrent les critères de classification pour UN3090 ou UN3028) et petits accumulateurs électriques au plomb et acide (UN2800). Le terme «Batteries» exclut expressément des batteries de transport routier, marin et d’autres batteries ou accumulateurs versable et remplis d’électrolyte liquide (y compris les accumulateurs électriques au plomb et acide versables), aux termes du *Règlement sur le transport des marchandises dangereuses* (RTMD);

«Téléphones cellulaires» signifie toutes les téléphones qui ont été utilisés légalement au Canada après l’année 1983 comme partie du service d’unité mobile de radiotéléphone autorisé par Industrie Canada pour utiliser 50 MHz du spectre de la bande de fréquence 800 MHz, et qui ont une masse totale inférieure d’un kilogramme, excluant les téléphones sans fils ménagers, les mobiles montés ou téléphone en sac, les radios avec émetteur-récepteur, les émetteur-récepteurs portatifs et les pagettes.

### CONDITIONS

- d) This Permit authorizes the Permit Holder or any authorized carrier acting on behalf of the Permit Holder to transport within Canada the hazardous wastes described in section (c) of this permit, in a manner that is at variance with sections 3(1), 3(2), 4(1), 4(2), 4(3), 4(5), 4(6) and 4(7) the IMHWR, under the following conditions:

- I. the hazardous wastes that are batteries and/or cell phones to be recycled;
- II. the total mass of the hazardous wastes transported under this permit is less than 500kg per movement within Canada;
- III. the hazardous wastes are collected from the Permit Holder's battery collection sites for transport to one of the facilities at the following street addresses:

Newalta Industrial Services  
1731 Pettit Road  
Fort Erie, Ontario  
L2A 5N1

Toxco Waste Management Ltd.  
9384 Highway 22A  
Trail, British Columbia  
V1R 4W6

- e) Instead of a manifest as required under section 3 of the IMHWR and in lieu of the requirements set out in subsections 3(2), and 4(1) to 4(6) of the IMHWR, a document that includes the following statement must accompany the hazardous wastes:

"Shipped in accordance with the Permit of Equivalent Level of Environmental Safety EC 02-02/9" or  
"Expédié conformément au Permis de

### CONDITIONS

- d) Le présent permis autorise le détenteur du permis ou tout transporteur agréé mandaté à cet effet par le détenteur du permis, à transporter au Canada, des déchets dangereux décrits dans la section (c) de ce permis, d'une manière qui déroge aux dispositions des paragraphes 3(1), 3(2), 4(1), 4(2), 4(3), 4(5), 4(6) et 4(7) du RMIDD, si:

- I. les déchets dangereux qui sont des batteries et/ou téléphones cellulaires pour fin d'être recyclés;
- II. la masse totale des déchets dangereux transportés en vertu du présent permis est inférieure à 500kg, par mouvement au Canada;
- III. les déchets dangereux sont ramassés aux points de ramassage de piles du détenteur du permis et transportés directement à un des lieux aux adresses municipales suivantes :

Newalta Industrial Services  
1731 Pettit Road  
Fort Erie (Ontario)  
L2A 5N1

Toxco Waste Management Ltd.  
9384 Highway 22A  
Trail (Colombie-Britannique)  
V1R 4W6

- e) Au lieu d'un manifeste tel que requis dans l'article 3 du RMIDD et au lieu des conditions établies dans les paragraphes 3(2) et 4(1) à 4(6) du RMIDD, un document qui contient la déclaration suivante devait accompagner les déchets dangereux :

«Expédié conformément au Permis de niveau équivalent de sécurité environnementale EC 02-02/9», ou  
«Shipped in accordance with the

niveau équivalent de sécurité  
environnementale EC 02-02/9”.

Permit of Equivalent Level of  
Environmental Safety EC 02-02/9».

f) In lieu of the requirements set out in subsection 4(7) of the IMHWR, a record containing all information related to the movements within Canada of hazardous wastes under this permit, is maintained for two years by the Permit Holder at their street address, as set out in this Permit, in Canada, so that the record is available for inspection by an enforcement officer or analyst designated under section 217 of the *Canadian Environmental Protection Act, 1999*.

f) Au lieu des conditions établies dans le paragraphe 4(7) du RMIDD, un registre contenant tout les renseignements correspondants aux mouvements au Canada des déchets dangereux sous ce permis, est conservé par le détenteur du permit pour deux ans à son adresse municipale au Canada de façon à ce que le registre puisse être inspecté par un agent de l'autorité ou par un analyste désignés en vertu de l'article 217 de la *Loi canadienne sur la protection de l'environnement (1999)*.

g) The Minister of the Environment may revoke this permit if the situations described in subsection 190(3) of the *Canadian Environmental Protection Act 1999* arise.

g) Le ministre de l'Environnement peut révoquer le permis s'il est d'avis qu'il s'agit de situations décrites au paragraphe 190(3) de la *Loi sur la protection de l'environnement (1999)*.

h) The Permit Holder must be in compliance with all other applicable Canadian laws.

h) Le détenteur du permis doit respecter toutes les autres lois canadiennes applicables.

i) the Permit Holder will inform in writing the Director of any change to:

i) le détenteur du permis informera le directeur, par écrit, de tout changement concernant :

1. the Permit Holder's name, street address, telephone or facsimile;

1. le nom, l'adresse municipale, ou le numéro de téléphone ou de télécopieur du détenteur du permis;

2. the name, street address, telephone, facsimile or email of the Contact Person identified in this permit;

2. le nom, l'adresse municipale, le numéro de téléphone ou de télécopieur ou du courriel de la personne-ressource identifiée dans ce permis;

within 30 days of the change.

au plus tard 30 jours après que le changement soit effectué.

j) This Permit is non transferable.

j) Ce permis n'est pas transférable.

k) The Permit Holder's street address must correspond to a place in

k) L'adresse municipale du détenteur du permis doit correspondre à un lieu au

**Contact Person who is or is authorized to act on behalf of the permit holder/ Personne-ressource qui est le détenteur du permis ou qui est autorisée à agir au nom de celui-ci**

**Contact Person /  
Personne-ressource :** Mr. Frank Zechner, Barrister & Solicitor

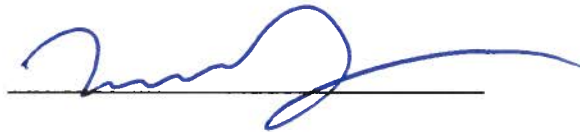
**Street Address/  
Adresse Municipale :** 24 Beresford Avenue  
Toronto, Ontario  
M6S 3A8

**Telephone / No de téléphone :** (416) 319-2004

**Facsimile / No de télécopieur:** (416) 987-6877

**E-mail/Courriel :** [frank.zechner@sympatico.ca](mailto:frank.zechner@sympatico.ca)

Signed for and on behalf of the Minister of the Environment / Signé au nom du ministre de  
l'Environnement



Tim Gardiner  
Director / Directeur  
Waste Reduction and Management Division / Division de la réduction et de la gestion des déchets  
Public Resources and Sectors / Secteurs publics et des ressources  
Environment Canada / Environnement Canada

Canada.

- l) The definitions in section 1 of the IMHWR apply in this Permit.

Canada.

- l) Les définitions contenues à l'article 1 du RMIDD s'appliquent au présent permis.

**Permit of Equivalent Level of Environmental Safety**  
**issued under section 190 of *Canadian Environmental Protection Act, 1999* /**  
**Permis de sécurité environnementale équivalente délivré en vertu de**  
**l'article 190 de la *Loi canadienne sur la protection de l'environnement (1999)***

1. **PERMIT NO. /** EC 02-02/9 (Ren 5)  
**NUMÉRO DU PERMIS :**

2. **PERMIT HOLDER /**  
**DÉTENTEUR DU PERMIS :**

**Name /** Rechargeable Battery Recycling Corporation of  
**Nom :** Canada

**Street Address /** 4576 Yonge Street, suite 606  
**Adresse municipale :** Toronto (Ontario) M2N 6N4  
Canada

**Telephone /** 416-224-0141  
**Numéro de téléphone :**

**Facsimile /** 416-987-6877  
**Numéro de télécopieur :**

3. **MODE OF TRANSPORT /** road or marine  
**MODE DE TRANSPORT :** voie routière ou marine

4. **ISSUE DATE /** May 7, 2012  
**DATE DE DÉLIVRANCE :** Le 7 mai 2012

5. **EXPIRY DATE /** May 7, 2015  
**DATE D'EXPIRATION :** le 7 mai 2015

6. **REGULATIONS /** *Interprovincial Movement of Hazardous Waste*  
**RÈGLEMENT :** *Regulations (IMHWR)*  
*Règlement sur les mouvements interprovinciaux des*  
*déchets dangereux (RMIDD)*

**7. DEFINITIONS**

- (1) The definitions in this subsection apply in this Permit.
- a) "IMHWR" means the Interprovincial Movement of Hazardous Waste Regulations;
- b) The definitions in section 1 of the IMHWR apply in this Permit;
- c) The "Consignors", as defined in section 1 of the IMHWR, are the participants of the program "Call2Recycle!" registered with the Permit Holder as collection sites for batteries or cell phones, as described in section 9 of this Permit;
- d) "Shipping site" means a collection site for batteries or cell phones, as described in section 9 of this Permit, registered with the Permit Holder under the program "Call2Recycle!", and from which the batteries or cell phones are transported;
- e) The "Consignee", as defined in section 1 of the IMHWR, is one of the following consolidation facilities, confirmed by an agreement with the Permit Holder, that receive batteries or cell phones, as described in section 9 of this Permit, under the program "Call2Recycle!":

**7. DÉFINITIONS**

- (1) Les définitions qui suivent s'appliquent au présent permis.
- a) « RMIDD » est le Règlement sur les mouvements interprovinciaux des déchets dangereux;
- b) Les définitions contenues à l'article 1 du RMIDD s'appliquent au présent permis;
- c) Les « expéditeurs », tels que définis à l'article 1 du RMIDD, sont les participants du programme « Appelàrecycler » enregistrés avec le détenteur du permis comme sites de collection pour des piles ou des téléphones cellulaires, tels que décrits à l'article 9 du présent permis;
- d) « Site d'expédition » signifie un site de collection de piles ou téléphones cellulaires, tels que décrits à l'article 9 du présent permis, enregistré avec le détenteur du permis dans le cadre du programme « Appelàrecycler », et à partir duquel les piles ou les téléphones cellulaires sont transportés;
- e) Le « destinataire », tel que défini à l'article 1 du RMIDD, signifie une des installations de consolidation suivantes, qui est confirmée par une entente avec le détenteur du permis, pour recevoir des piles ou des téléphones, tels que décrits à l'article 9 du présent permis, dans le cadre du programme « Appelàrecycler »:

i) Newalta Corporation  
1731 Pettit Road  
Fort Erie, Ontario  
L2A 5N1

ii) Toxco Waste Management Ltd.  
9384 Highway 22A  
Trail, British Columbia  
V1R 4W6

f) "Director" means the

Director  
Waste Reduction and Management  
Division  
Environment Canada  
Place Vincent-Massey, 9th Floor  
351 St-Joseph Blvd.  
Gatineau, Quebec  
Canada  
K1A 0H3  
Telephone: (819) 997-3377  
Facsimile: (819) 997-3068;

i) Newalta Corporation  
1731, Pettit Road  
Fort Erie (Ontario)  
L2A 5N1

ii) Toxco Waste Management Ltd.  
9384, Highway 22A  
Trail (Colombie-Britannique)  
V1R 4W6

f) Le «Directeur» est

Directeur  
Direction de la Réduction et de la  
gestion des déchets  
Environnement Canada  
Place Vincent-Massey, 9e étage  
351 boul. St-Joseph  
Gatineau (Québec)  
Canada  
K1A 0H3  
Téléphone: (819) 997-3377  
Télécopieur: (819) 997-3068;

## 8. APPLICATION

- (1) Permit EC 02-02/9 (Ren 4 – Amendment 2) is repealed and replaced by this Permit [EC 02-02/9 (Ren 5)].
- (2) This Permit is hereby granted to the Permit Holder for the purpose of collecting from multiple sites, transporting within Canada, and the recycling of batteries or cell phones that meet the definition of hazardous wastes of the IMHWR, and are described in section 9 of this Permit.
- (3) The Permit Holder, the consignor, the consignee and any authorized carrier

## 8. CHAMPS D'APPLICATION

- (1) Le permis EC 02-02/9 (Ren 4 – Amendment 2) est abrogé et remplacé par le présent permis [EC 02-02/9 (Ren 5)].
- (2) Le présent permis est délivré au détenteur du permis, aux fins de la collecte à partir de plusieurs sites, du transport au Canada, et du recyclage de piles ou des téléphones cellulaires qui correspondent à la définition de déchets dangereux du RMIDD et qui sont décrits dans la section 9 du présent permis.
- (3) Le détenteur du permis, l'expéditeur, le destinataire et tout transporteur



transporting hazardous waste under this Permit, shall comply with all of the requirements of the IMHWR. However, where requirements other than those of the IMHWR are expressly set out in this Permit (including the conditions), those requirements apply.

- (4) The Permit Holder shall comply with all of the conditions listed in Schedule 1 of this Permit.
- (5) The consignor, the consignee and any authorized carrier transporting hazardous waste under this Permit shall comply with the conditions listed in Schedule 1 of this Permit that apply to their field of activity.

## 9. DESCRIPTION OF HAZARDOUS WASTES

- (1) For the purposes of this Permit, a "battery" means, and is strictly limited to, the types of batteries that meet the criteria for Class 8 of the *Transportation of Dangerous Goods Regulations* (TDGR), such that they:
  - a) are known to cause full thickness destruction of human skin, that is, skin lesions that are permanent and destroy all layers of the outer skin through to the internal tissues;
  - b) cause full thickness skin destruction, as determined in

agréé transportant des déchets dangereux dans le cadre du présent permis, sont tenus de se conformer à toutes les exigences du RMIDD; cependant, lorsque des exigences autres que celles du RMIDD sont précisées dans le présent permis (incluant les conditions), les exigences du présent permis s'appliquent.

- (4) Le détenteur du permis est tenu de se conformer à toutes les conditions énumérées à l'Annexe 1 du présent permis.
- (5) L'expéditeur, le destinataire et tout transporteur agréé transportant des déchets dangereux dans le cadre du présent permis, sont tenus de se conformer aux conditions énumérées à l'Annexe 1 du présent permis, qui sont applicables à leur champs d'activité.

## 9. DESCRIPTION DES DÉCHETS DANGEREUX

- (1) Aux fins de ce permis, « pile » s'entend uniquement des types de piles qui satisfont aux critères d'inclusion pour la classe 8 du *Règlement sur le transport des marchandises dangereuses* (RTMD), tel qu'elles:
  - a) sont reconnues comme pouvant détruire la peau humaine sur toute son épaisseur, c'est-à-dire causer des lésions cutanées permanentes qui détruisent toutes les couches de l'épiderme jusqu'au derme;
  - b) causent la destruction de la peau sur toute son épaisseur, tel qu'il

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| <p>accordance with the OECD Guidelines; or</p> <p>c) do not cause full thickness destruction of skin, but exhibit a corrosion rate that exceeds 6.25 mm per year at a test temperature of 55°C, as determined in accordance with the ASTM Corrosion Test;</p>   | <p>est déterminé conformément aux Lignes directrices de l'OCDE;</p> <p>c) ne causent pas la destruction de la peau sur toute son épaisseur mais révèlent une vitesse de corrosion supérieure à 6,25 mm par an à la température d'épreuve de 55°C, tel qu'il est déterminé conformément à l'Épreuve de corrosion ASTM;</p>  |
| <p>(2) or that meet the criteria for Class 9 of the TDGR, such that they contain a substance that:</p> <p>a) is included in Class 9 in column 3 of Schedule 1 of the TDGR; or</p> <p>b) is not included in Class 9 in column 3 of Schedule 1 of the TDGR and does not meet the criteria for inclusion in any of Classes 1 to 8 and is listed in Appendix 1, Marine Pollutants, to Part 2 of the TDGR.</p> | <p>(2) ou qui satisfont aux critères d'inclusion pour la classe 9 du RTMD, tel qu'elles contiennent une matière qui :</p> <p>a) est incluse dans la classe 9 indiquée à la colonne 3 de l'annexe 1 du RTMD; ou</p> <p>b) n'est pas incluse dans la classe 9 indiquée à la colonne 3 de l'annexe 1 du RTMD et ne satisfait aux critères d'inclusion d'aucune des classes 1 à 8 et figure à l'appendice 1, Polluants marins, de la partie 2 du RTMD.</p> |
| <p>(3) "Battery" includes:</p> <p>a) lithium ion; lithium ion polymer; or lithium metal batteries (UN3090 or UN3480);</p> <p>b) small lead acid batteries (UN2800);</p> <p>c) any other type of primary and secondary batteries (alkaline; nickel metal-hydride; nickel-cadmium; nickel-zinc; zinc-air, zinc-carbon; and various button cell primary batteries such as</p>                                | <p>(3) La notion de « pile » comprend :</p> <p>a) les piles au lithium ionique, au lithium ionique à membrane polymère ou lithium métal (UN3090 ou UN3480);</p> <p>b) les petits accumulateurs au plomb et acide (UN2800);</p> <p>c) n'importe quel autre type de piles primaires et secondaires (alcalines; hydrure métallique de nickel; nickel-cadmium; nickel-zinc; zinc-air, zinc-carbone; et piles bouton telles que celles</p>                  |

those used in hearing aids, watches and cameras) that can be described with UN1759; UN2813; UN2923; UN3028; UN3084; UN3085; UN3095; UN3096; UN3131; UN3496 or any other applicable TDGR product identification number.

utilisées pour les appareils auditifs, les montres ou les caméras) qui peuvent être décrites par UN1759; UN2813; UN2923; UN3028; UN3084; UN3085; UN3095; UN3096; UN3131; UN3496 ou n'importe quel autre numéro d'identification de produit du RTMD applicable.

- (4) "Battery" expressly excludes automotive, marine and other wet or spillable batteries (including spillable lead acid batteries), pursuant to the TDGR;

- (4) Le terme « pile » exclut expressément les piles utilisées pour le transport routier et marin et tout autre pile ou accumulateur à l'électrolyte ou non étanche (y compris les batteries d'accumulateurs au plomb non étanches), aux termes du RTMD;

- (5) "Cell phone" means any phones that appear to have been lawfully used in Canada at any time after 1983 as part of the mobile radio-telephone service licensed by Industry Canada to utilize 50 MHz of spectrum in the 800 MHz band, and individually weigh less than one kilogram, but does not include household cordless phones, mobile installed or bag phones, two-way radios, walkie-talkies, and pagers.

- (5) « Téléphones cellulaires » s'entend de tous les téléphones qui ont été utilisés légalement au Canada après 1983 comme partie du service d'unité mobile de radiotéléphone autorisé par Industrie Canada pour utiliser 50 MHz du spectre de la bande de fréquence 800 MHz, et qui ont une masse totale inférieure à un kilogramme, excluant les téléphones ménagers sans fil, les mobiles montés ou téléphones transportables, les appareils radio émetteur-récepteur, les émetteurs-récepteurs portatifs et les pagettes.

## 10. CONDITIONS

- (1) This Permit authorizes the Permit Holder, the consignor, the consignee and any authorized carrier transporting hazardous waste under this Permit to transport within Canada hazardous waste, in a manner that is at variance with sections 3 and 4 of the IMHWR, under the

## 10. CONDITIONS

- (1) Le présent permis autorise le détenteur du permis, l'expéditeur, le destinataire et tout transporteur agréé transportant des déchets dangereux dans le cadre du présent permis, à transporter au Canada des déchets dangereux d'une manière qui déroge aux dispositions des articles 3 et 4 du RMIDD, si :

following conditions:

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| <p>a) the hazardous wastes are batteries or cell phones, as described in section 9, that are destined to recycling;</p> <p>b) the hazardous wastes are collected from the Permit Holder's batteries and cell phones collection sites, and transported within Canada from a shipping site to one of the consolidation facility identified in paragraph 7(e) of this Permit;</p> <p>c) the hazardous wastes are transported by an authorized carrier.</p> | <p>a) les déchets dangereux sont des piles ou des téléphones cellulaires, tels que décrits à l'article 9, qui sont destinés au recyclage;</p> <p>b) les déchets dangereux sont ramassés aux sites de collecte de piles et téléphones cellulaires du détenteur du permis, et transportés au Canada à partir d'un site d'expédition à une des installations de consolidation identifiées à l'alinéa 7e) du présent permis;</p> <p>c) les déchets dangereux sont transportés par un transporteur agréé.</p> |
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| <p>(2) In lieu of a manifest required under subsection 3(1) of the IMHWR and of the requirements set out in subsections 3(2), 4(1) and 4(2), the consignor shall ensure that the container in which the hazardous waste is packaged is accompanied by a document, such as a shipping label or a bill of lading, that includes the following information:</p> <p>a) shipping site address or other means to identify the shipping site address;</p> <p>b) receiving site address;</p> <p>c) shipping date;</p> <p>d) for bulk shipments, total quantity of batteries and cell phones;</p> | <p>(2) Au lieu du manifeste exigé au paragraphe 3(1) du RMIDD et des conditions établies dans les paragraphes 3(2), 4(1) et 4(2), l'expéditeur doit s'assurer que le contenant dans lequel est emballé le déchet dangereux est accompagné par un document, comme une étiquette d'expédition ou un connaissement, qui inclut les renseignements suivants:</p> <p>a) l'adresse du site d'expédition ou autres moyens d'identifier l'adresse du site d'expédition;</p> <p>b) l'adresse du site de réception;</p> <p>c) la date d'envoi;</p> <p>d) pour les envois de grande capacité, la quantité totale de piles et de téléphones cellulaires;</p> |
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e) for shipment of a box, a recommendation that the quantity will not exceed 22 kg, unless otherwise labelled.

f) TDGR class(es) applicable for the set of batteries or cell phones;

g) the following statement:

“Shipped in accordance with the Permit of Equivalent Level of Environmental Safety EC 02-02/9”

or

“Expédié conformément au Permis de sécurité environnementale équivalente EC 02-02/9”.

(3) In lieu of the requirements set out in subsection 4(4), every authorized carrier that transports that the hazardous waste shall ensure that the document referred to in subsection 10(2) of this Permit accompany the hazardous waste.

(4) In lieu of the requirements set out in subsections 4(3), 4(5) and 4(6) of the IMHWR:

a) The Permit Holder must provide, on a quarterly basis, a report that includes the information listed in paragraphs 10(2)a) to 10(2)e) of this Permit, in addition to the following information:

i) a list of authorized carriers used for the shipments that happened during the period covered by the report,

e) pour l'envoi d'une boîte, une recommandation que la quantité n'excédera pas 22 kg, à moins qu'il en soit indiqué autrement.

f) la ou les classe(s) prévue(s) par le RTMD pour l'ensemble des piles ou téléphones cellulaires;

f) la déclaration suivante :

« Expédié conformément au Permis de sécurité environnementale équivalente EC 02-02/9 »

ou

« Shipped in accordance with the Permit of Equivalent Level of Environmental Safety EC 02-02/9 ».

(3) Au lieu des conditions établies dans le paragraphe 4(4), tout transporteur agréé qui transporte le déchet dangereux doit s'assurer que le document identifié au paragraphe 10(2) du présent permis accompagne le déchet dangereux.

(4) Au lieu des conditions établies dans les paragraphes 4(3), 4(5) et 4(6) du RMIDD :

a) Le détenteur de permis doit fournir, sur une base trimestrielle, un rapport qui contient les renseignements énumérés aux alinéas 10(2)a) à 10(2)f) du présent permis, en plus des renseignements suivants :

i) une liste de transporteurs autorisés utilisés pour les envois pendant la période couverte par le rapport

ii) total quantity for each type of batteries and cell phones during the period covered by the quarterly report,

iii) TDGR Class in which each type of batteries or cell phones, and

iv) TDGR product identification number associated with each type or batteries or cell phones,

to the authorities of the province where the waste originated and of the province of destination, if they request it.

b) The consignee gather and provide data to fill in the report referred to in paragraph 4a) above to the Permit Holder, as agreed between them.

(5) In lieu of the requirements set out in subsection 4(7) of the IMHWR, a record containing all information related to the movements within Canada of hazardous wastes under this permit, is maintained for two years by the Permit Holder at their street address in Canada, as set out in section 2 of this Permit, so that the record is available for inspection by an enforcement officer or an analyst designated under section 217 of the *Canadian Environmental Protection Act, 1999*.

ii) les quantités totales de chaque type de piles ou de téléphones cellulaires pendant la période couverte par le rapport,

iii) la classe prévue par le RTMD pour chaque type de piles ou téléphones cellulaires, et

iv) le numéro d'identification du produit du RTMD associé à chaque type de piles ou téléphones cellulaires,

aux autorités des provinces d'origine et de destination des déchets dangereux, si elles le réclament.

b) Le destinataire collecte des données pour remplir le rapport identifié à l'alinéa 4a) ci-dessus et les fournit au détenteur de permis, tel qu'entendu entre eux.

(5) Au lieu des conditions établies dans le paragraphe 4(7) du RMIDD, un registre contenant tous les renseignements correspondants aux mouvements des déchets dangereux au Canada approuvés en vertu de ce permis est conservé deux ans par le détenteur du permis à son adresse municipale du Canada identifiée à l'article 2 du présent permis, de façon à ce que le registre puisse être inspecté par un agent de l'application de la loi ou par un analyste désigné en vertu de l'article 217 de la *Loi canadienne sur la protection de l'environnement*

(1999).

## 11. MISCELLANEOUS MATTERS

- (1) The Permit Holder, the consignor, the consignee or any authorized carrier transporting hazardous waste under this Permit, must be in compliance with all other applicable Canadian laws, including provincial laws.

- (2) The Permit Holder will inform, in writing, the Director of any change to:

- a) the Permit Holder's name, street address, telephone or facsimile as set out in section 2 of this Permit;
- b) the name, street address, telephone, facsimile or email of the Contact Person identified in section 13 of this permit;

within 30 days of the change.

- (3) This Permit is non transferable.
- (4) The Permit Holder's street address in section 2 of this Permit must correspond to a place in Canada.

## 12. REVOCATION

## 11. DISPOSITIONS GÉNÉRALES

- (1) Le détenteur du permis, l'expéditeur, le destinataire et tout transporteur agréé transportant des déchets dangereux dans le cadre du présent permis, doivent respecter toutes les autres lois canadiennes applicables, y compris les lois provinciales.

- (2) Le détenteur du permis informera le Directeur, par écrit, de tout changement concernant :

- a) le nom, l'adresse municipale, ou le numéro de téléphone ou de télécopieur du détenteur du permis, tels qu'indiqués à l'article 2 du présent permis;
- b) le nom, l'adresse municipale, le numéro de téléphone ou de télécopieur, ou le courriel de la personne-ressource identifiée à l'article 13 du présent permis;

au plus tard 30 jours après que le changement eut été effectué.

- (3) Ce permis n'est pas transférable.
- (4) L'adresse municipale du détenteur du permis indiquée à l'article 2 du présent permis doit correspondre à un lieu au Canada.

## 12. RÉVOCATION



The Minister of the Environment  
may revoke this permit if one of the  
situations described in subsection  
190(3) of the *Canadian  
Environmental Protection Act* 1999  
applies.

Le ministre de l'Environnement peut  
révoquer le permis s'il est d'avis  
qu'une situation décrite au paragraphe  
190(3) de la *Loi sur la protection de  
l'environnement (1999)* est applicable.

**13. CONTACT PERSON WHO IS OR IS AUTHORIZED TO ACT ON BEHALF  
OF THE PERMIT HOLDER /  
PERSONNE-RESSOURCE QUI EST LA DÉTENTRICE DU PERMIS OU QUI  
EST AUTORISÉE À AGIR AU NOM DE CELLE-CI**

**Contact Person /** Mr. Frank Zechner, Barrister & Solicitor  
**Personne-ressource :**

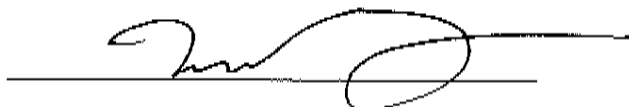
**Street Address /** 24 Beresford Avenue  
**Adresse municipale :** Toronto, Ontario  
M6S 3A8  
Canada

**Telephone /** 416-319-2004  
**Numéro de téléphone :**

**Facsimile /** 416-987-6877  
**Numéro de télécopieur:**

**E-mail /** [frankzechner@sympatico.ca](mailto:frankzechner@sympatico.ca)  
**Courriel :**

Signed for and on behalf of the Minister of the Environment /  
Signé au nom du ministre de l'Environnement



Tim Gardiner  
Director / Directeur

Waste Reduction and Management Division / Division de la réduction et de la gestion des déchets  
Chemicals Sector / Secteur des produits chimiques  
Environment Canada / Environnement Canada



**SCHEDULE 1 / ANNEXE 1****Table 1: Conditions and Consent from the Provincial and Territorial Authorities/****Tableau 1: Conditions et Consentement des autorités provinciales et territoriales**

#	Provincial/Territorial Authority / Autorité provinciale ou territoriale	Consent / Consentement	Conditions
1	Yukon	Tacit Consent	N/A
2	Northwest Territories / Territoire du Nord-Ouest	Consent with Conditions	Please contact the Northwest Territories Department of Transportation as an authority for transport safety of the listed dangerous goods in the PELES.
3	Nunavut	Tacit Consent	N/A
4	British Columbia / Colombie-Britannique	Consent with Conditions	For parties involved in any activities taking place in British Columbia, the referenced document (subsection 10(4)a)) should include a summary of the regulated parties' information, including a list of consignors, carriers and consignees, including, where required, the Provincial ID Numbers (i.e.: BC Generator Numbers) for generators (consignors), transport licence numbers (LT#s) for carriers and permit or registered site numbers for receivers (consignees).  The PELES issued by EC does not supersede the requirements of the provincial <i>Environmental Management Act</i> and <i>Hazardous Waste Regulation</i> . Therefore, where there are inconsistencies, RBRC and/or any other regulated parties must apply for any necessary exemptions or changes in requirements under Section 51 of the <i>Hazardous Waste Regulation</i> .  Except as provided for under Section 45 of the <i>Hazardous Waste Regulation</i> or unless otherwise authorized, carriers of hazardous waste are required to hold a valid licence to transport hazardous waste issued by the BC Ministry of Environment when transporting such wastes in BC.  The BC Ministry of Environment formally requests that the document describing the actual movement of hazardous waste be provided quarterly to the BC Ministry of Environment when hazardous waste is originated from or destined to British Columbia. The ministry prefers the document be sent in electronic format.

5	Alberta	Consent	N/A
6	Saskatchewan	Tacit Consent	N/A
7	Manitoba	Consent with Conditions	As per subsection 10(4)a) of the PELES, the Province of Manitoba will require the quarterly information. Please send to Raj.Rathamano@gov.mb.ca.
8	Ontario	Consent	N/A
9	Quebec / Québec	Consentement avec conditions	Vous devrez prendre note que le transport vers le site du destinataire n'est pas sous la juridiction du MDDEP et que les transporteurs qui opèrent leurs activités devront être conformes aux règles du transport au Québec.
10	New-Brunswick / Nouveau-Brunswick	Consent with Conditions	NB Request that RBRC submits an annual report with information on how much batteries (weight and/or #) leave New Brunswick and how they are shipped. The report can be submitted by email or regular mail to  Sheryl Johnstone, P.Eng Industrial Approvals Engineer Impact Management Department of Environment P.O. Box 6000 Fredericton, NB E3A 5S6 Fax (506) 457-7805 <a href="mailto:sheryl.johnstone@gnb.ca">sheryl.johnstone@gnb.ca</a>
11	Nova Scotia / Nouvelle-Écosse	Consent	N/A
12	Prince-Edward-Island / Île-du-Prince-Édouard	Tacit Consent	N/A
13	Newfoundland and Labrador / Terre-Neuve et Labrador	Consent	N/A



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

AMENDED PROVISIONAL CERTIFICATE OF APPROVAL  
WASTE MANAGEMENT SYSTEM  
NUMBER A841566

Ontario

Rechargeable Battery Recycling Corporation of Canada  
16 Northumberland  
Toronto, Ontario  
M6H 1P7

*You have applied in accordance with Section 27 of the Environmental Protection Act for approval of:*

a waste management system serving:

*The purpose of carrying out programs called "Charge Up to Recycle/Recharger et Recycle" and "Call2Recycle!" which are set up to collect and recycle used nickel-cadmium batteries and cell phones, serving the Province of Ontario.*

*For the purpose of this Provisional Certificate of Approval and the terms and conditions specified below, the following definitions apply:*

For the Purpose of this Provisional Certificate of Approval:

(a) Batteries means, and is strictly limited to, one of the following types of used rechargeable batteries: Nickel-Cadmium, Lithium Ion, Nickel Metal Hydride and small sealed lead acid batteries, excluding automotive, marine and other spillable lead acid batteries.

(b) Cell phones means any phones that appear to have been lawfully used in Canada at any time after 1985 as part of the mobile radio-telephone service licensed by Industry Canada to utilize 50 MHz of spectrum in the 800 MHz band, and individually weigh less than 1 kilogram, but does not include household cordless phones, mobile installed or bag phones, two-way radios, walkie-talkies, and pagers;

(c) Certificate means this entire Certificate of Approval including its schedules, if any, issued in accordance with Section 27 of the Environmental Protection Act;

(d) Company means only Rechargeable Battery Recycling Corporation of Canada;

(e) Consolidation Point means a Ministry approved waste site that has entered into a valid agreement with the Company for the purpose of collecting, handling, processing, storage and transferring of batteries and/or cell phones;

(f) Courier means a courier or common carrier that has entered into a valid agreement with the Company for shipments of packaged batteries and/or cell phones to a RBRC Local Transfer Facility, Consolidation Point or RBRC Recycling Facility;

(g) Depot means a site or facility that has entered into a valid agreement with the Company, at which batteries and/or cell phones are initially collected from participants in either the Company's Retail Recycling Plan, Community Recycling Plan or Business Public Agency Recycling Plan;

(h) Director means a Director of the Environmental Assessment and Approvals Branch, Ontario Ministry of the Environment;

(i) Generating Facility means those facilities and operations that are involved in the production, collection, handling and storage of batteries and/or cell phones;

( ) HHW Site means a Ministry approved waste site or facility, that receives household hazardous wastes that have been

generated by domestic households, and that has entered into a valid agreement with the Company, at which batteries and/or cell phones are initially collected from participants in either the Company's Retail Recycling Plan, Community Recycling Plan or Business / Public Agency Recycling Plan;

(k) RBRC means the Rechargeable Battery Recycling Corporation;

(l) RBRC Local Transfer Facility means a facility:

(a) that is owned or controlled by, or that has entered into a valid agreement with the Company; and

(b) at which no waste is received except for the purpose of collecting, handling, processing, storage and transfer of batteries and/or cell phones;

(m) RBRC Recycling Facility means an approved receiving facility that has entered into a valid agreement with the Company for Recycling batteries and/or cell phones; and

(n) Transfer Point means a location under the care and control of the courier or common carrier where batteries and/or cell phones may be transferred from one vehicle to another as part of the normal operations of the courier's or common carrier's service.

*You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:*

#### TERMS AND CONDITIONS

1. Except as otherwise provided by these Conditions, the waste management system shall be operated in accordance with the applications submitted for this Provisional Certificate of Approval dated November 22, 1996 and July 8, 2004, and with the supporting information submitted to the Ministry of the Environment as part of the application listed below:

(a) The letter dated December 30, 1998 from W. J. Kelley of the Company;

(b) The letter dated November 7, 2000 from Frank J. E. Lechner Barrister / Solicitor, the Counsel for the Company;

(c) The letter dated July 9, 2004, from Frank J. E. Lechner Barrister / Solicitor, the Counsel for the Company;

(d) Email dated October 4, 2004 from Frank J. E. Lechner Barrister / Solicitor, the Counsel for the Company.

2. The operation of this waste management system is limited to the collection, sorting, handling, storing and transportation of hazardous waste limited to batteries and/or cell phones pursuant to this Certificate.

3. (a) All waste which is destined for a Consolidation Point in Ontario shall only be collected and transported where the Consolidation Point is currently operating under a Certificate of Approval or Provisional Certificate of Approval, regulatory exemption or other written approval of the Ministry of the Environment which permits the acceptance of that waste at that site.

(b) All waste which is destined for a RBRC Local Transfer Facility in Ontario shall only be collected and transported where the RBRC Local Transfer Facility is currently operating in accordance with the conditions of this Certificate.

(c) All waste which is destined for a RBRC Recycling Facility outside Ontario shall only be collected and transported where the RBRC Recycling Facility is currently operating under a regulatory exemption or is under a valid approval issued by the appropriate provincial or state regulatory agency which permits the acceptance of that waste.

(d) Further to subsections (a), (b) and (c) above, waste may be transferred by the Courier en route to the Consolidation Point, RBRC Local Transfer Facility or RBRC Recycling Facility, at Transfer Points.

4. A Courier that is operating in accordance with the Conditions of this Certificate shall not require further approval under Part V of the Environmental Protection Act and shall be exempt from the requirements of Section 16, sub-section 6, provided that:

(a) each vehicle is operated pursuant to this Certificate;

- (b) each vehicle prominently displays the Courier's name;
- (c) all waste is contained within packaging that is suitable for the transportation of batteries and/or cell phones;
- (d) each vehicle has a copy of the cover page of this Certificate on board unless this Certificate number is marked on each shipping package and/or document; and
- (e) a complete copy of this Certificate is located at the head office of the company.

5. A Courier's Transfer Points that are operating in accordance with the Conditions of this Certificate shall not require further approval under Part V of the Environmental Protection Act provided that:

- (a) all waste received at the Transfer Points is maintained in a secure area inside the building and stored in a manner that will afford adequate ventilation, prevent exposure to precipitation, prevent leaks or spills and prevent damage or deterioration of the packaging/containers; and
- (b) all waste received at the Transfer Points must be transferred within one (1) business day but shall not exceed four (4) calendar days.

6. A RBRC Local Transfer Facility that is operating in accordance with the Conditions of this Certificate shall not require further approval under Part V of the Environmental Protection Act provided that:

- (a) access to the site where the facility is located is controlled by gates, fencing, attendants or other security measures;
- (b) any batteries and/or cell phones on the site are stored in a manner that will afford adequate ventilation, prevent exposure to precipitation, prevent leaks or spills and prevent damage or deterioration of the packaging/containers;
- (c) the locations mentioned in Condition 6 (b) are readily accessible for inspection, able to contain spills and allow spill clean-up and are placarded to identify the waste type being stored;
- (d) the site is equipped with spill containment equipment, clean-up equipment and firefighting equipment appropriate to the quantities and type of waste stored; and
- (e) a complete copy of this Certificate is located at the Facility and in the case where the Facility is but one of a number run by a company, a copy of the front page of this Certificate is located at each Facility and a complete copy of this Certificate is located at the head office of the company.

7. A Depot that is operating in accordance with the Conditions of this Certificate shall not require further approval under Part V of the Environmental Protection Act provided that:

- (a) batteries and/or cell phones are removed from the Depot only by a Courier, or by a party to whom a Provisional Certificate of Approval has been issued authorizing the removal of the waste;
- (b) all batteries and/or cell phones are removed from the Depot no later than fourteen (14) days after the Depot ceases to be open to accept batteries and/or cell phones; and
- (c) a complete copy of this Certificate is located at the Depot and in the case where the Depot is but one of a number run by a company, a copy of the front page of this Certificate is located at each Depot and a complete copy of this Certificate is located at the head office of the company unless this Certificate number is marked on each Depot container.

8. Sections 18, 19 and 21 to 23 of Regulation 347 do not apply to require reports or manifests in respect of batteries and/or cell phones stored at, or removed by a Courier from, a Depot, Generating Facility, Transfer Point, HHW Site, and RBRC Local Transfer Facility that are operating in accordance with the Conditions of this Certificate.

9. (a) The transportation of batteries and/or cell phones, by the owner or operator of a Depot, Generating Facility or HHW Site, directly to another Depot, Generating Facility or HHW Site will not require further approval under Part V of the Environmental Protection Act and shall be exempt from the requirements of Section 16 of Ontario Regulation 347,



provided that their activities are covered by this Certificate; and

(b) Sections 18, 19 and 21 to 23 of Regulation 347 do not apply to require reports or manifests in respect of batteries and/or cell phones being transported as described in Condition 10(a).

10. All packaging/containers shall be capable of withstanding the weight of the waste without tearing, cracking or breaking.

11. (a) The Company shall instruct each Depot, Generating Facility or HHW Site to take all reasonable steps to ensure that:

i) The quantity of batteries and/or cell phones collected and stored in packaging/containers is restricted to the quantity which can be contained within packaging/containers as outlined in Condition 10;

ii) Each package or container used to store batteries and/or cell phones shall be labelled prior to being transported;

iii) The label or other identification shall identify the package's contents, and include the name and address of the Depot, Generating Facility or HHW Site;

iv) The information required to be given on a label or other identification shall be set out so that it is clearly visible and legible;

v) Each container used to store batteries and/or cell phones shall be stored, handled and maintained so as to prevent structural damage or deterioration of the container, and

vi) The batteries and/or cell phones shall be stored at a secure indoor location.

(b) The taking of all reasonable steps for the purpose of Condition 11(a) includes ensuring that each person who accepts and/or stores waste at the Depot, Generating Facility or HHW Site is knowledgeable about the applicable matters set out in this Certificate, and visually inspects the waste prior to its acceptance and/or storage.

12. Reasonable efforts will be made by the Company to ensure that a log is kept of incidents where a Depot, Generating Facility, HHW Site or RBRC Local Transfer Facility improperly packages waste or encloses waste not approved for transportation under this Certificate. Where a Depot, Generating Facility, HHW Site or RBRC Local Transfer Facility fails to comply with the waste type and packaging requirements, the Depot, Generating Facility, HHW Site or RBRC Local Transfer Facility shall be notified forthwith. Should the Depot, Generating Facility, HHW Site or RBRC Local Transfer Facility, after being notified, continue to ship improperly packaged waste or waste not approved under this Certificate, the Company shall refuse to accept waste from that Depot, Generating Facility, HHW Site, or RBRC Local Transfer Facility.

13. (a) The Company shall ensure that no batteries and/or cell phones are accepted from participants at a Depot or HHW Site or transported by a Courier unless there is in effect one or more valid written agreements each of which meets the requirements of Condition 13(d) for the Depots and HHW sites and Condition 13(e) for the Courier, and that together provide for the ongoing removal of all batteries and/or cell phones;

(b) The Company shall ensure that no batteries and/or cell phones are accepted at a RBRC Local Transfer Facility, Consolidation Point or RBRC Recycling Facility unless there is in effect one or more valid written agreements each of which meets the requirements of Condition 13(f), and that together provide for the ongoing removal of all batteries and/or cell phones;

(c) An agreement under Conditions 13(a) and (b) shall be between the Company and an operator or owner of a Depot, HHW Site, Courier, RBRC Local Transfer Facility, Consolidation Point or RBRC Recycling Facility. Where the Depot or HHW Site is but one of a number run by a company, a director or officer of the company may enter into an agreement on behalf of all its Depots or HHW Sites. The agreement shall clearly describe the applicable requirement of this Certificate for each party entering into the requirement;

(d) Each Depot and HHW Site shall ensure that a copy of an agreement under Condition 13(a) is kept at the Depot or HHW Site, or at the head office of the corporation operating the Depot(s) or HHW Site(s) during the term of the agreement;

(e) Each Courier shall ensure that a copy of an agreement under Condition 13(a) is kept at the head office of the corporation operating the Courier during the term of the agreement; and

(f) Each RBRC Local Transfer Facility, Consolidation Point or RBRC Recycling Facility shall ensure that a copy of an agreement under Condition 14(b) is kept at the head office of the corporation operating the RBRC Local Transfer Facility, Consolidation Point or RBRC Recycling Facility during the term of the agreement.

14. (a) The Courier will record the Depot s, HHW Site s or Generating Facility s name and address, a description of the waste, the number of packages, the net weight of the packages and the date of shipment; and

(b) Records made under Condition 14(a) shall be kept at the head office of the corporation operating the Courier and will be kept for inspection for 2 years.

15. (a) The Courier s drivers shall unload the batteries and/or cell phones at Transfer Points, RBRC Local Transfer Facilities, Consolidation Points or the RBRC Recycling Facility in a responsible manner which will ensure the packaging is not damaged and the contents discharged; and

(b) If any waste container leaks, cracks or otherwise causes a discharge while in the Courier s possession, the Courier shall ensure that any such discharge is promptly cleaned up and repackaged.

16. Upon the request of the Director, the Company shall prepare and submit a summary report which shall include the following information:

(a) a summary of information on all the waste handled, including quantities collected;

(b) any environmental and operational problems that may have negatively impacted the quality of the environment encountered during the operation of the waste management system, any mitigative actions taken, and a summary of any complaints received regarding the collection programs; and

(c) a list of Depots, HHW Sites, Generating Facilities, Couriers, Transfer Points, RBRC Local Transfer Facilities, Consolidation Points and RBRC Recycling Facilities used as part of the activities covered by this Certificate.

17. This Provisional Certificate of Approval revokes all previously issued Provisional Certificates of Approval issued under Part V of the Environmental Protection Act for this waste management system. The approval given herein including the terms and conditions set out, replaces all previously issued approvals and related terms and conditions under Part V of the Act for this waste management system.

*The reasons for the imposition of these terms and conditions are as follows:*

1. The reason for condition 1 is to set out clearly that this waste management system is to be operated in accordance with the application for this Certificate of Approval and the supporting information submitted therewith and not on a basis, or in any way, which the Director has not been asked to consider.

2. The reason for condition 2 is to clarify the scope of activities which are permitted under this Certificate of Approval. The management of additional waste for which the Company is not approved may create a nuisance or may result in a health or safety hazard.

3. The reason for condition 3 is to ensure that the waste management system is only used to take waste to approved or exempt sites/facilities. Taking the batteries and/or cell phones elsewhere may create a nuisance or may result in a health or safety hazard.

4. The reason for condition 4 is to clarify the requisite standards for vehicles operated by a courier under this Provisional Certificate of Approval.

5. The reason for conditions 5, 6, 7, 8 and 9 are to clarify which waste site and waste system provisions of the Environmental Protection Act and Ontario Regulation 347 the Company and participants in the Company s programs are

being exempted from.

6. The reason for condition 10 is to clarify the requisite standards for packaging used by participants in this demonstration.
7. The reason for condition 11 is to ensure that depots are provided with instructions as to how to package, label, handle and store the batteries and/or cell phones.
8. The reason for condition 12 is to ensure that steps are taken to ensure that depots, generating facilities and HHW sites are encouraged to ensure only batteries and/or cell phones in the appropriate packaging are managed under this Certificate of Approval as transporting other types of waste or using inadequate packing may create a nuisance or may result in a health or safety hazard.
9. The reason for condition 13 is to ensure that depots and couriers participating in the program are aware of the Company's Certificate of Approval and the responsibilities it places upon the Company and its participants.
10. The reason for conditions 14 and 15 is to ensure that all waste remains properly packaged to ensure the safe and continuous transportation of the waste from the depot to a Consolidation Point or the RBRC Recycling Facility. Improperly packaged waste or improper storage may create a nuisance or may result in a health or safety hazard.
11. The reason for condition 16 is to facilitate the Director's evaluation of this program.
12. The reason for condition 17 is to ensure that this Certificate of Approval is not transferred or otherwise taken over by persons who are unknown to the Director or who have not been required to submit an application to the Director and have not been subject to a review of such application.

**This Certificate of Approval revokes and replaces Certificate(s) of Approval No. A841566 issued on June 11, 1999**

*In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written Notice served upon me, the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:*

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste management system is located;

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
2300 Yonge St., 12th Floor  
P.O. Box 2382  
Toronto, Ontario  
M4P 1E4

AND

The Director  
Section 39, *Environmental Protection Act*  
Ministry of Environment and Energy  
2 St. Clair Avenue West, Floor 12A  
Toronto, Ontario  
M4V 1L5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

DATED AT TORONTO this 7th day of October, 2004

Aziz Ahmed, P.Eng.  
Director  
Section 39, *Environmental Protection Act*

LY/

c: District Manager, MOE Toronto - District

Frank Lechner, Rechargeable Battery Recycling Corporation of Canada



Ministry of the Environment  
Ministère de l'Environnement

**AMENDMENT TO PROVISIONAL CERTIFICATE OF APPROVAL  
WASTE MANAGEMENT SYSTEM**

NUMBER A841566

Notice No. 1

Issue Date: October 5, 2009

Rechargeable Battery Recycling Corporation of Canada  
16 Northumberland Street  
Toronto, Ontario  
M6H 1P7

*You are hereby notified that I have amended Provisional Certificate of Approval No. A841566 issued on October 7, 2004 for a waste management system serving the Province of Ontario, as follows:*

The definition of "Batteries" is hereby changed

From:

"Batteries" means, and is strictly limited to, one of the following types of used rechargeable batteries: Nickel-Cadmium, Lithium Ion, Nickel Metal Hydride and small sealed lead acid batteries, excluding automotive, marine and other "spillable" lead acid batteries

To:

"Batteries" means, and is strictly limited to, one of the following types of used batteries: Nickel-cadmium rechargeable batteries, Lithium Ion rechargeable batteries, Lithium polymer rechargeable batteries, Nickel metal hydride rechargeable batteries, nickel zinc rechargeable batteries, small sealed lead acid rechargeable batteries, alkaline rechargeable batteries, alkaline-manganese primary batteries, zinc-carbon primary batteries, zinc-air primary batteries, lithium primary batteries and various consumer button cell batteries such as those used in hearing aids, watches and cameras (e.g. zinc air primary batteries and silver oxide primary batteries). The maximum weight of any individual battery shall not be more than five (5) kg. The term "Batteries" expressly excludes any wet, spillable, automotive or marine batteries.

*All in accordance with the Application for Approval of a Waste Management System submitted August 14, 2009.*

**This Notice shall constitute part of the approval issued under Provisional Certificate of Approval No. A841566 dated October 7, 2004.**

*In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written Notice served upon me, the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:*

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;

6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste management system is located;

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, 15th Floor  
Toronto, Ontario  
M5G 1E5

AND

The Director  
Section 39, *Environmental Protection Act*  
Ministry of the Environment  
2 St. Clair Avenue West, Floor 12A  
Toronto, Ontario  
M4V 1L5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted waste management system is approved under Section 39 of the Environmental Protection Act, and is subject to the Regulations made thereunder.*

DATED AT TORONTO this 5th day of October, 2009

afar Bhatti, P.Eng.  
Director  
Section 39, *Environmental Protection Act*

CS/  
c: District Manager, MOE Toronto District Office  
Frank echner, Frank J. E. echner Professional Corporation



# BULLETIN



RDIMS #5872093  
Updated December 2010

## Transporting Batteries

This bulletin is divided into 9 items and addresses batteries that are regulated under the *Transportation of Dangerous Goods (TDG) Regulations*.

- 1 – General Information on the TDG Act and Regulations
- 2 – Classification of Batteries
- 3 – General Requirements for Shipping
- 4 – Special Cases, Special Provisions or Equivalency Certificates<sup>1</sup>
- 5 – Shipping as Waste
- 6 – Shipping by Vessel
- 7 – Shipping by Aircraft
- 8 – Cross-Border Shipments from the United States
- 9 – Upcoming Changes

### 1 – General Information on the TDG Act and Regulations

While many types exist, not all batteries are subject to the Transportation of Dangerous Goods (TDG) Act and Regulations. For example, common household-type alkaline, nickel cadmium (NiCad), nickel metal hydride (NiMH), and silver-zinc batteries are not classified as dangerous goods. Even some small lithium batteries, depending on the amount of lithium they contain, may also be exempt from the TDG Regulations. When batteries are shipped by air, more requirements or even some restrictions apply. For example, even household type batteries must have the terminals protected from short-circuit for air shipment.



*Household type batteries as dangerous goods.*

<sup>1</sup> The TDG Act was modified in June 2009. The term “permit for equivalent level of safety” was changed to “equivalency certificate”. Please note that Part 14 of the TDG Regulations does not yet reflect this change.



## 2 – Classification of Batteries

Some batteries are regulated as dangerous goods because they may pose hazards during transport. These hazards include:

- short-circuits, which can lead to fires; and/or
- leaks of corrosive liquid or other material that can injure people or damage property.

Most batteries are classified as class 8 – Corrosives. However, some may be classified as class 9 – Miscellaneous Products, Substances or Organisms or class 4.3 – Water Reactive Substances. The manufacturer (i.e. consignor) is responsible for classifying the battery. Although Transport Canada can provide help in the classification process, we will not classify a battery for you.

The table below provides a list of UN numbers for batteries. You can also find them in Schedule 1 of the TDG Regulations at: <http://www.wapps.tc.gc.ca/saf-sec-sur/3/sched1-ann1/schedule1form.aspx>

UN #	Shipping Name and Description	Class	Packing Group
UN2794	Batteries, Wet, Filled With Acid,	8	III
UN2795	Batteries, Wet, Filled With Alkali,	8	III
UN2800	Batteries, Wet, Non-Spillable,	8	III
UN3028	Batteries, Dry, Containing Potassium Hydroxide Solid,	8	III
UN3090	Lithium Batteries	9	II
UN3091	Lithium Batteries Contained In Equipment; or Lithium Batteries Packed With Equipment	9	II
UN3292	Batteries, Containing Sodium; or Cells, Containing Sodium	4.3	II

Please note there are some UN numbers, such as UN3480 and UN3481, that are not listed in the TDG Regulations, but are listed in the:

- 49 CFR, UN Recommendations, (United Nations)
- International Civil Aviation Organization (ICAO) Technical Instructions; and
- International Maritime Dangerous Goods (IMDG) Code.

Also, the shipping names for UN3090 and UN3091 are different in the latest versions of the ICAO Technical Instructions and the IMDG Code. These newer UN numbers can be used in Canada.



### 3 – General Requirements for Shipping

#### Documentation, Safety Marks, Means of Containment and Training Requirements

Unless exempt from the TDG Regulations through a special case, special provision or an equivalency certificate (i.e. formerly known as permit), battery shipments must fully comply with the TDG Regulations. When shipping batteries by vessel or aircraft, you may also need to refer to the ICAO Technical Instructions or the IMDG Code. For more information, please refer to Part 11 and 12 of the TDG Regulations.

#### Documentation – *TDG Regulations*, Part 3

The TDG Regulations require dangerous goods to have a shipping document that includes the information listed under section 3.5. The information includes, but is not limited to:

- name and address of the consignor;
- date;
- 24 hr telephone number;
- a description of the batteries, including:
  - the UN number;
  - the shipping name;
  - primary and subsidiary class;
  - packing group;
- total weight of batteries, in kilograms.

There is no requirement to use a specific form. However, when shipping by aircraft, the shipping document must have, on the left and right margins, red hatchings that are oriented to the left or to the right. (See image below)

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper: \_\_\_\_\_ Air Waybill No.: \_\_\_\_\_  
Page: \_\_\_\_\_ of \_\_\_\_\_ Pages  
Shipper's Reference Number (optional): \_\_\_\_\_

Consignee: \_\_\_\_\_

Not completed and signed copies of this Declaration must be loaded in the cargo hold.

**HAZARDOUS DETAILS**  
This shipment is either the immediate precursor or the immediate product of a process that produces dangerous goods.  
Hazardous and non-hazardous materials are: \_\_\_\_\_  
Airport of Departure: \_\_\_\_\_  
Airport of Destination: \_\_\_\_\_  
Shipment Type (check one): ☐ NON-HAZARDOUS ☐ HAZARDOUS

**WARNING**  
Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.

**NATURE AND QUANTITY OF DANGEROUS GOODS**

UN or ID No.	Proper Shipping Name	Class or Division (Secondary ID)	Packing Group	Quantity and type of packing	Packing Group	Substances

Additional Handling Information: \_\_\_\_\_

Emergency contact (24 hr number): \_\_\_\_\_

I hereby declare that the contents of this declaration are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/transported, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Small text at the bottom: "This form is based on the 2009 version of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air." and "© 2009 International Civil Aviation Organization (ICAO). All rights reserved."



To learn more about shipping documents please consult:

- Part 3 of the TDG Regulations;
- Advisory Notice [Shipping Documents - TP9554 Vol.2](http://www.tc.gc.ca/tdg/publications/cladvisory/advol2enew.htm)  
<http://www.tc.gc.ca/tdg/publications/cladvisory/advol2enew.htm>; and
- Part 12, section 12.2, of the TDG Regulations.

## Dangerous Goods Safety Marks – TDG Regulations, Part 4

The TDG Regulations require that dangerous goods safety marks be displayed on the means of containment (e.g. box) to indicate the presence and nature of the danger. Please note that the TDG Regulations do not require safety marks on the battery. The reason, the battery is the actual dangerous goods and not the means of containment.

Also, when shipping by aircraft, the ICAO Technical Instructions require an extra label such as a “*Lithium battery handling label*”. (See image below)



To learn more about dangerous goods safety marks please consult:

- Part 4 of the TDG Regulations;
- Advisory Notice: [Safety Marks - TP9554 Vol.5](http://www.tc.gc.ca/tdg/publications/cladvisory/advol5enew.htm)  
<http://www.tc.gc.ca/tdg/publications/cladvisory/advol5enew.htm>; and
- The ICAO Technical Instructions.

## Means of Containment – TDG Regulations, Part 5

When class 4, 8 or 9 batteries are placed in a small means of containment, section 5.12 of the TDG Regulations refers to the Canadian General Standards Board standard CGSB-43.150. This standard (unlike the UN Recommendations, the IMDG Code and 49 CFR) requires you to package the batteries in a UN standardized means of containment (e.g. UN box). In most cases, you must package the batteries in a manner that prevents damage to the battery and protects the terminals from short-circuit.



According to CGSB-43.150, you must:

- transport batteries in a UN Standardized means of containment; and
- apply dangerous goods safety marks to the means of containment, as per Part 4 of TDG Regulations.

When batteries are not individually packaged in a UN box but are instead consolidated on a pallet, or a large battery is placed on a pallet, Part 5 of the TDG Regulations refers to standard CGSB-43.146 and the Canadian Standards Association standard CSA B621. Since containers manufactured to these two standards may be impractical for packaging and transporting batteries, shippers often use alternative non-specification methods. To do this, you must apply to Transport Canada for an equivalency certificate (i.e. formerly known as a permit). To learn more about equivalency certificates, read item 4 of this Bulletin.

To learn more about means of containment please consult:

- Part 5 of the TDG Regulations; and
- Advisory Notice: [Means of Containment - TP9554 Vol.6](http://www.tc.gc.ca/tdg/publications/cladvisory/advol6enew.htm)  
<http://www.tc.gc.ca/tdg/publications/cladvisory/advol6enew.htm>.

## Training – TDG Regulations, Part 6

The TDG Regulations require that anyone who handles, offers for transport, transports or imports dangerous goods must be adequately trained. For more information on training please consult:

- Part 6 of the TDG Regulations; and
- Advisory Notice: [Guidelines for Training Criteria – TP9554 Vol 1](http://www.tc.gc.ca/tdg/publications/cladvisory/advol1enew.htm)  
<http://www.tc.gc.ca/tdg/publications/cladvisory/advol1enew.htm>

## 4 – Special Cases, Special Provisions or Equivalency Certificates

### Special Cases

Special cases provide either full or partial relief from the TDG Regulations. They are found in Part 1, under sections 1.15 to 1.48 of the TDG Regulations.

Sections 1.15 (150 kg gross mass exemption) and 1.16 (500 kg gross mass exemption) may apply to transporting batteries. Both sections limit the total gross mass to either 150 kg or 500 kg and they must be transported in one or more means of containment having a gross mass less than or equal to 30 kg. This means that these exemptions apply only when shipping batteries in means of containment (i.e. boxes) having a gross mass of less than 30 kg. These exemptions would generally not apply when shipping batteries on a pallet, as the pallet is considered a means of containment and the total mass would likely exceed 30 kg.

To learn more about special cases, please consult the TDG Regulations, Part 1, sections 1.15 to 1.48.

### Special Provisions

Special provisions 34 and 39 apply specifically to batteries and may provide relief from the TDG Regulations. These special provisions list requirements for classifying certain batteries:

- Special provision 34 applies to UN3090 and UN3091.
- Special provision 39 applies to UN2800.

To learn more, please consult special provisions 34 and 39 in Schedule 2 of the TDG Regulations.

## Equivalency Certificates (Permits)

To transport batteries in non-standardized means of containment, you must apply to Transport Canada for an equivalency certificate. Although a pallet is not a standardized means of containment, we have issued equivalency certificates to transport batteries on a pallet using shrink-wrap. You may view a copy of an equivalency certificate addressing batteries on a pallet at: (<http://www.tc.gc.ca/tdg/permits/htm/8334-eng.htm>).

**DO**



**DON'T**



*With an equivalency certificate you may shrink-wrap batteries on a pallet but the terminals must be protected from short circuit. This is usually done using cardboard insulator pads between layers of batteries.*

To learn how to apply for an equivalency certificate please visit the “Equivalency Certificates” section of our website at: <http://www.tc.gc.ca/tdg/permits/menu.htm>. You may also consult Part 14 of the TDG Regulations.

## 5 – Shipping as Waste

### Domestic Transport

Provided the batteries are not damaged or leaking, waste batteries are treated the same as new batteries. This means you still require a shipping document, labels, placards, etc. Also, waste batteries should be capable of passing the same tests as new batteries. These tests include: vibration, shock, external short circuit, impact, etc. Waste batteries should be in good physical condition and free from any damage.

When batteries are damaged, you may need to re-classify them. Also, it's possible that a damaged battery is no longer a dangerous goods. For example, a lead acid battery (UN2794) may no longer be regulated if all the acid has leaked out due to a crack in the case. However, the acid, which was originally inside the battery would still be regulated.



## International Transport

Environment Canada's *Export and Import of Hazardous Waste and Hazardous Recyclable Material Regulations* regulate exporting and importing waste batteries. You must obtain permits from Environment Canada to export or import waste batteries and other materials.

The *Basel Convention* is an agreement among countries to control and track the movement of hazardous wastes. Since many countries do not permit the entry of waste batteries, make sure to ship batteries only to countries that will accept them.

To learn more about the *Basel Convention* and *Export and Import of Hazardous Waste and Hazardous Recyclable Material Regulations*, please visit Environment Canada's website at:

<http://www.ec.gc.ca/drgd-wrmd/default.asp?lang=En&n=45E5E23B-1>

### Note for Domestic and International air transport:

As of January 1, 2011 the ICAO Technical Instructions will no longer allow waste batteries or batteries being shipped for recycling or disposal to be transported by aircraft; unless approved by the appropriate national authority of the State of Origin and the State of the Operator. This means that a shipment of batteries on board an aircraft, which originates in Germany and is destined for Canada, would need the approval of both the German and the Canadian government.

## 6 – Shipping by Vessel

### Domestic Transport

When transporting batteries domestically by vessel, Part 11 of the TDG Regulations requires you to comply with the TDG Regulations only. In this case, you must not use the *International Maritime Dangerous Goods Code* (IMDG Code).

Please consult Part 11 of the TDG Regulations.

### International Transport

When transporting batteries internationally by vessel or by vessel on a “*home-trade voyage, class 1*”, Part 11 of the *TDG Regulations* requires you to comply with the IMDG Code and some additional requirements in the TDG Regulations.

**Note:** An example of a “*home-trade voyage, class 1*” is when a vessel that departs the port of Halifax and travels through the Panama Canal to its destination in Vancouver.



## 7 – Shipping by Aircraft

### Domestic Transport

When an aircraft transports batteries domestically, Part 12 of the TDG Regulations allows two options. You may:

- Comply with ICAO Technical Instructions and some additional requirements of the TDG Regulations; or
- Use the alternative requirements listed under sections 12.4 to 12.17 when the ICAO Technical Instructions limits or restricts the quantity or type of dangerous goods that can be transported.

To learn more please consult Part 12 of the TDG Regulations.

### International Transport

When an aircraft transports batteries internationally, Part 12 of the TDG Regulations requires you to comply with the ICAO Technical Instructions and some additional requirements of the TDG Regulations.

## 8 – Cross-Border Shipments from the United States

When the shipment enters Canada from the United States by road or rail, sections 9.1 and 10.1 of the TDG Regulations allows you to comply with the requirements of the 49 CFR (US Regulations) instead of Canadian TDG Regulations. This reciprocity also applies to shipments that transit through Canada from the United States. Example: A shipment departs the state of Washington and arrives at its destination in Alaska but travels through British Columbia and the Yukon.

According to subsection 9.1(2), this reciprocity does not apply to shipments travelling under exemptions issued in the US. This means that batteries being shipped under an exemption in the United States would need to fully comply with the Canadian TDG Regulations when entering Canada.





## 9 – Upcoming Changes

Transport Canada has developed and published a new standard that will redefine the requirements that apply to small means of containment. This new standard clarifies the means of containment requirements for shipping batteries by road, rail or ship on a domestic voyage. Transport Canada TP14850E is titled: “*Small Containers for Transport of Dangerous Goods, Classes 3, 4, 5, 6.1, 8 and 9*”, may be viewed at: <http://www.tc.gc.ca/eng/tdg/publications-standards-tp14850-1093.htm>

Although this standard is published, it has not yet been adopted as a requirement of the TDG Regulations. In the future, this new standard will be adopted in the TDG Regulations and replace the current standard called CAN/CGSB-43.150-97. If you wish to use this new standard, you must apply to the TDG Directorate for an equivalency certificate.

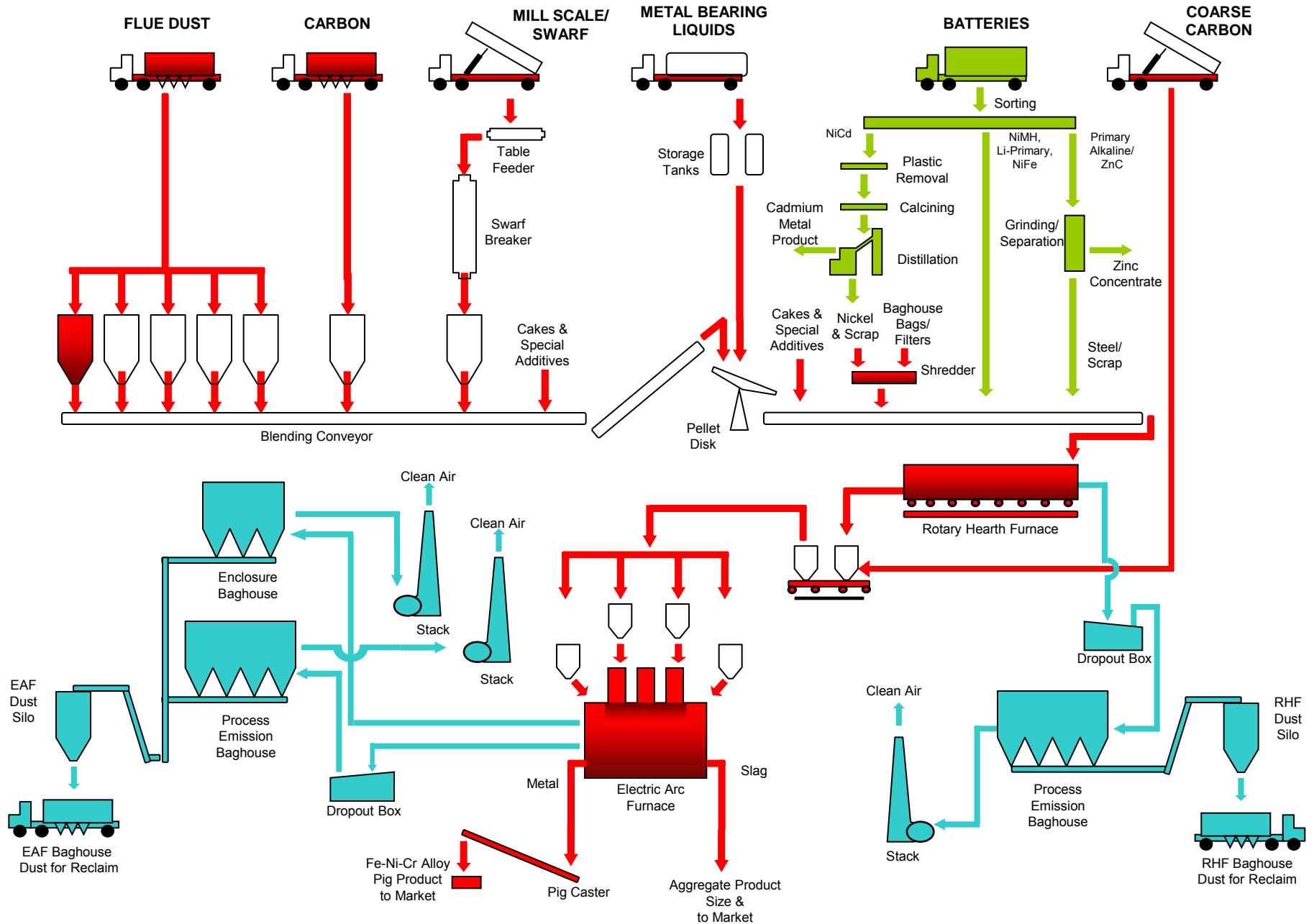
### Compliance with the Transportation of Dangerous Goods Act and Regulations

Failure to comply with the Transportation of Dangerous Goods Act and Regulations can lead to fines and/or imprisonment. If you have any questions regarding the TDG Regulations, you may contact a Transport Canada dangerous goods inspector in your region. They can assist you with any questions you may have. Below are the numbers for the 5 regional offices or visit the TDG website at: [www.tc.gc.ca/tdg/safety/menu.htm](http://www.tc.gc.ca/tdg/safety/menu.htm)

<b>Atlantic Region</b>	1-866-814-1477	TDG-TMDAtlantic@tc.gc.ca
<b>Quebec Region</b>	(514) 283-5722	TMD-TDG.Quebec@tc.gc.ca
<b>Ontario Region</b>	(416) 973-1868	TDG-TMDOntario@tc.gc.ca
<b>Prairie &amp; Northern Region</b>	1-888-463-0521 or (204) 983-3152	TDG-TMDPNR@tc.gc.ca
<b>Pacific Region</b>	(604) 666-2955	



# INMETCO PROCESS FLOW DIAGRAM





## Certificate of Insurance

No.: NAC-2014-108

Dated: March 24, 2014

This document supersedes any certificate previously issued under this number

This is to certify that the Policy(ies) of insurance listed below ("Policy" or "Policies") have been issued to the Named Insured identified below for the policy period(s) indicated. This certificate is issued as a matter of information only and confers no rights upon the Certificate Holder named below other than those provided by the Policy(ies).

Notwithstanding any requirement, term, or condition of any contract or any other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the Policy(ies) is subject to all the terms, conditions, and exclusions of such Policy(ies). This certificate does not amend, extend, or alter the coverage afforded by the Policy(ies). Limits shown are intended to address contractual obligations of the Named Insured.

Limits may have been reduced since Policy effective date(s) as a result of a claim or claims.

<b>Certificate Holder:</b> <b>To Whom It May Concern</b>	<b>Named Insured and Address:</b> <b>Newalta Corporation</b> <b>211-11th Avenue SW</b> <b>Calgary, AB T2R 0C6</b>
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Type(s) of Insurance	Insurer(s)	Policy Number(s)	Effective/Expiry Dates	Sums Insured Or Limits of Liability	
<b>COMMERCIAL GENERAL LIABILITY</b> <ul style="list-style-type: none"><li>• Non-Owned Automobile</li><li>• Blanket Contractual Liability</li><li>• Broad Form Property Damage</li><li>• Cross Liability</li><li>• Employer's Liability (Canadian Employees)</li><li>• Forest and Prairie Protection Acts Expense</li><li>• Products &amp; Completed Operations</li><li>• Personal Injury &amp; Advertising Injury</li><li>• Tenants Legal Liability</li><li>• Contingent Employer's Liability</li><li>• Owners &amp; Contractors Liability</li><li>• XCU Hazards</li></ul>	Zurich Insurance Company Ltd	8841754	Apr 01, 2014 to Apr 01, 2015	Combined Inclusive Limit Per Occurrence for Bodily Injury and Property Damage	\$ 1,000,000
				Products & Completed Operations Aggregate	\$ 1,000,000
				General Aggregate	\$ 5,000,000
<b>CONTRACTORS POLLUTION LIABILITY</b> <ul style="list-style-type: none"><li>• Errors and Omissions</li><li>• Transportation Coverage</li><li>• Sudden and Accidental Pollution</li></ul>	AIG Insurance Company of Canada	18251555	Apr 01, 2014 to Apr 01, 2015	Each Claim / Aggregate Occurrence Form - Contractors Pollution Liability, Claims Made Form - Errors & Omissions	\$ 5,000,000
<b>AUTOMOBILE</b> <ul style="list-style-type: none"><li>• Permission to Rent or Lease</li><li>• SEF 6c - Public Passenger Vehicle</li><li>• All vehicles owned by, registered in the name of and/or leased by the Insured (for a period greater than 30 days)</li></ul>	Zurich Insurance Company Ltd	9801523	Apr 01, 2014 to Apr 01, 2015	Third Party Liability for Bodily Injury to or death of any person or damage to property	\$ 2,000,000
<b>UMBRELLA</b> <ul style="list-style-type: none"><li>• Excess of these Underlying Policies</li><li>• Commercial General Liability</li><li>• Contractors Pollution Liability</li><li>• Automobile Liability</li></ul>	Lloyd's Underwriters	EI185914	Apr 01, 2014 to Apr 01, 2015	Limit Excess of Scheduled Underlying Insurance Per Occurrence	\$ 5,000,000
<b>PROPERTY ALL RISKS</b> <ul style="list-style-type: none"><li>• Owned or where Insured is under legal obligation to keep insured</li></ul>	AIG Insurance Company of Canada (60%) Zurich Insurance Company Ltd (30%) Lloyd's Underwriters (10%)	MMCC140403	Apr 01, 2014 to Apr 01, 2015	Combined Single Limit Per Occurrence	\$ 1,000,000


**Notice of cancellation:**

The insurer(s) affording coverage under the policies described herein will not notify the certificate holder named herein of the cancellation of such coverage.

**Marsh Canada Limited**

222 - 3rd Avenue SW  
Livingston Place, Suite 1100  
Calgary, AB T2P 0B4  
Telephone: 403-476-3354  
Fax: -  
daniel.gadicke@marsh.com

Marsh Canada Limited

By:   
Daniel Gadicke

# NEWALTA

## What if waste **wasn't**?

### FORT ERIE FACILITY

2011



### There's a better way to think about waste.

Newalta is Canada's leading industrial waste management and environmental services company. We push beyond conventional thinking about waste, finding solutions that transform it into new products that will contribute to our customer's bottom line and reduce the environmental footprint. Where by-product recovery isn't possible, we find ways to reduce the production of waste at the source.

#### CITY OF FORT ERIE

Known as the Gateway Community, Fort Erie's location is its greatest strategic advantage. Home to several world-class companies, Fort Erie is located at the mouth of the Niagara River, directly across from Buffalo, N.Y. More than 55 percent of the entire population of the United States and 62 percent of the Canadian population is within a 800 kilometre radius of Fort Erie.

Our Fort Erie facility is ideally situated just off the Queen Elizabeth Way with excellent access to both Canadian and U.S. markets by land transportation and rail.

#### FACILITY OVERVIEW

Newalta's Fort Erie facility is a centre of excellence for the treatment and reclassification of hazardous industrial wastes and the collection of rechargeable batteries.

Newalta Fort Erie recently enhanced and expanded its process equipment and technologies for inorganic chemical treatment.

Newalta Fort Erie combines technology and innovation for solutions that work. That means we provide better results for the environment, our customers and our shareholders.

#### OUR SERVICES

- Only facility in Ontario approved by the Ministry of Environment (MOE) to treat and reclassify hazardous industrial wastes
- Only Canadian facility approved to receive rechargeable batteries for recycling by the Rechargeable Battery Recycling Corporation (RBRC)
- Accept waste classes: 111-114, 121-123, 131-135, 142-144, 146, 148-150
- 5 day-a-week, 12 hour-a-day receiving (nominal fee for after-hour loads)
- Emergency services capability
- 100% incoming analysis of waste streams
- Dedicated staff ready to assist customers



**AMENDMENT TO PROVISIONAL CERTIFICATE OF APPROVAL  
WASTE DISPOSAL SITE**

NUMBER A650046

Notice No. 1

Issue Date: January 24, 2011

Newalta Corporation  
1100 Burloak Dr Suite 500  
Burlington, Ontario  
L7L 6B2

Site Location: 1731 Pettit Road  
1731 Pettit Rd  
Fort Erie Town, Regional Municipality of Niagara

*You are hereby notified that I have amended Provisional Certificate of Approval No. A650046 issued on January 21, 2009 for a 1.6 hectare Waste Disposal Site ( Processing) containing a 0.3 hectare processing and storage plant located at Part of Lot #6, Concession 5, Niagara River, Geographic Township of Bertie, Now in the town of Fort Erie, Part of Part 14, Plan 59R-4985, Lots 10 and 11 and Part of Lot 9,*

(1) for the processing, transfer and temporary storage of the following categories of waste serving Canada, Mexico, South America, and the United States of America: liquid industrial and hazardous waste classes : 111-114, inclusive, 121, 122, 123, 131-135, inclusive, 142, 143, 144, 146, 148, 149 and 150 as outlined in the New Ontario Waste Classes, January 1986 or as amended and non-hazardous solid industrial wastes limited to a maximum daily receipt of 200 tonnes.

(2) for the receipt and transfer of PCB waste, waste class 243, serving Canada only., *as follows:*

**I. The following work is authorized to be completed:**

The exchange of the Battery Sorting Room and the Maintenance Room locations with each other as noted on drawing by XCG 5-20-64-08-04 December 2010. Additionally, the installation of a conveyor and a lifting device in the Battery Sorting room as outlined in Transdynamics drawing DS-8090-01, Novmeber 17, 2010. All changes and work descriptions shall be updated in the Site Design and Operations Report.

The facility update shall include all necessary containment and exhaust requirements for the type of work in the respective locations.

**II. Condition 26.0 and 36.0 are hereby revoked and replaced with the following:**

**26.0 Waste Analysis Plan**

26.1 The Waste Analysis Plan included as an Appendix 12 of the Design and Operation Report dated January 5, 2009 listed as item 34 of Schedule "A" shall be retained at the Site; kept up to date; and be available for inspection by Provincial Officer.

26.2 The Waste Analysis Plan shall be reflect the requirements of the LDR treatment requirements of O.Reg. 347.

26.3 The Owner shall implement a Quality Assurance/Quality Control ( QA/QC) program for the sampling and analysis of all incoming and outgoing wastes as described in the Waste Analysis Plan. Further, the Owner shall make the results of the

program and all analytical results available for the inspection upon request by a Provincial Officer.

26.4 In the event that the Owner or Operator proposes minor or administrative changes to the Waste Analysis Plan, those proposed changes shall be submitted to the District Manager 30 days prior to implementation. It is the discretion of the District Manager if such changes require Director's approval.

26.5 The Owner shall implement a system of tracking all changes that have been made to the Waste Analysis Plan. The system shall include dates of changes and authorized signatures.

26.6 Notwithstanding Condition 26.4, the Owner shall take all reasonable actions in the way of laboratory, compatibility and bench testing of waste and materials to ensure that the Owner is aware of the characteristics of the waste and to ensure that the receipt, processing and transfer of wastes at the Site will not result in uncontrollable reactions that could result in a fire or release of contaminants to the natural environment.

### **36.0 Site Design and Operating Manual**

36.1 The Owner shall ensure that the Design and Operating Manual is retained at the Site; kept up to date; and is available for inspection by a Provincial Officer. The Design and Operating Manual shall contain at a minimum the information specified for a waste processing site as described in the most recent version of the Ministry publication "Guide For Applying For Approval of Waste Disposal Site".

36.2 In the event that the Owner proposes minor or administrative changes to the Design and Operations Manual, those proposed changes shall be submitted to the District Manager 30 days prior to implementation. It is the discretion of the District Manager if such changes require Director's approval.

36.3 The Owner shall implement a system of tracking all changes that have been made to the Design and Operations Manual. The system shall include dates of changes and authorized signatures.

The reason(s) for this amendment to the Certificate of Approval is (are) as follows:

1. The reason for Condition 26.0 is to ensure the compliance with LDR program in accordance with the Ontario Reg. 347 and to give the Owner some flexibility in the ability to update the Waste Analysis Plan.
2. The reason for Conditions 36.0 is to ensure that the Site is operated in accordance with the applications and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.

**This Notice shall constitute part of the approval issued under Provisional Certificate of Approval No. A650046 dated January 21, 2009**

*In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:*

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;

CONTENT COPY OF ORIGINAL

6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, 15th Floor  
Toronto, Ontario  
M5G 1E5

AND

The Director  
Section 39, *Environmental Protection Act*  
Ministry of the Environment  
2 St. Clair Avenue West, Floor 12A  
Toronto, Ontario  
M4V 1L5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.*

DATED AT TORONTO this 24th day of January, 2011

Tesfaye Gebrezghi, P.Eng.  
Director  
Section 39, *Environmental Protection Act*

YI/  
c: District Manager, MOE Niagara  
Blake Higgins, Newalta Corporation



## VILLE STE-CATHERINE FACILITY

2012



## There's a better way to think about waste.

Newalta is Canada's leading industrial waste management and environmental services company. We push beyond conventional thinking about waste, finding solutions that transform it into new products that will contribute to our customer's bottom line and reduce the environmental footprint. Where by-product recovery isn't possible, we find ways to reduce the production of waste at the source.

During the period of 2006 to 2007, Newalta diversified and expanded its operations through several strategic acquisitions in Quebec. The integration of industrial cleaning and vac truck services, with a network of transfer stations to bulk and process waste provided Newalta a competitive advantage and a platform for strategic growth. In 2007, Newalta acquired Canada's largest integrated lead recycling facility, the Nova Pb Ville Ste-Catherine ("VSC") facility located in suburban Montreal.

### OVERVIEW

VSC is located on a 50-acre site in an industrial park on the south shore of the St. Lawrence river in a suburb of Montreal, with excellent access to the Canadian and U.S. markets by land and rail. VSC serves a diverse customer base including the marine, railroad and automotive industry sectors. Most customers are well established and the top six accounted for 89 percent of the total revenue in 2010.

The facility receives spent lead-acid batteries and other lead-bearing materials into its lead recycling process. Additionally, VSC processes a variety of industrial wastes that are used in the lead smelting process. VSC is the only lead recycling facility in North America to have an in-line high temperature after-burner, gas conditioning tower, high efficiency bag-houses and rotary kiln.

This technology provides the residence time, temperature and turbulence required to process several industrial waste streams that are useful to the lead smelting process. The inherent chemical or residual heat values in spent resources are fed into the kiln so as to substitute VSC's requirement of materials such as natural gas, soda ash, cast iron borings or metallurgical coke. This benefits the environment by diverting hazardous waste from landfills or incineration and recovering the value of the wastes.

### HISTORY

- In the late 1970's, Preussag AG initiated a joint venture with Ballast Metals Inc. for the purpose of building and operating a lead smelter in Montreal.
- In 1984, Preussag AG sold its VSC installations to several members of its management team and Nova Pb was created.
- In 1995, an after-burner system was installed. Since then, management has developed expertise in the recycling and re-use of residual materials, hazardous or not, within the lead recycling operation. VSC has all the required permits to process used oils, used oil filters, spent caustic waters, carbon anodes, shredded tires and other residual materials.
- In 2007, Newalta acquired the lead business assets and became the sole owner of the facility. Newalta evaluated the feasibility of retrofitting the second kiln and invested over \$13 million in the facility. New agreements with major customers were put in place and the second kiln became operational in June 2009.
- Today, 170 talented people work at VSC, many of which have worked at the facility since day one. The facility has permits in place to recycle up to 175,000 metric tonnes of batteries and can produce up to 100,000 tonnes of recycled lead per year.



## ASSETS/EQUIPMENT

The facility houses state-of-the-art equipment to process and recover products from incoming waste streams. This includes:

- A battery breaking unit
- A wastewater treatment plant
- Two long body rotary kilns, each equipped with an after-burner system, gas conditioning tower and baghouse
- A refinery area with five 60 tonne kettles and eight 100 ton kettles to refine the lead bullion and two casting circuits, one for 30 kilogram ingots and the other for one tonne blocks

## SERVICES

Each Newalta facility provides a wide scope of services and is linked to the company's broader network, saving customers the time and costs associated with coordinating multiple service providers.

Services at VSC include:

- Lead recycling
- Waste processing - spent acid batteries and other lead-bearing materials, a wide variety of industrial wastes that are used in the lead smelting process, including materials which are high in carbon, calorific value, iron or caustic material
- Materials processing - items such as drums, pallets and other packing materials can be processed onsite
- Lead sales - the "Nova Pb" brand lead is a London Metal Exchange (LME) approved and traded brand and is currently sold in the United States, Europe, the Caribbean and throughout the international marketplace

## ENVIRONMENT, HEALTH AND SAFETY PERFORMANCE

VSC has a Health & Safety Program designed to minimize the risks inherent in operating lead processing facility. A WHMIS program has been implemented with the "Right to Know" legislation designed to inform and instruct workers of the nature of the products with which they work.

Health & Safety performance has improved significantly since the acquisition by Newalta. The frequency rate, which measures the number of accidents per worked hours, has been steadily declining due to improvements in training, coaching services from the corporation and appropriate investments in upgrades.

## KEY INITIATIVES AND GROWTH OPPORTUNITIES

Newalta continually maintains its facility network to ensure it provides fully integrated services to meet current and future industry needs.

With ongoing research and development, VSC will be able to broaden the industrial wastes used at the facility in the near future to include such materials as contaminated waste drums or petrochemical tank bottom sludge. With the broadening of waste streams, other Newalta facilities will be able to capitalize on the ability of VSC to process waste and recover resources from what would have been sent to landfill or incineration.



Newalta Ville Ste-Catherine Facility  
1200, rue Garnier  
Ville Ste-Catherine, Québec  
J5C 1B4

Longueuil, le 22 octobre 2007

**CESSION DE PERMIS D'EXPLOITATION**

Newalta Industrial Services Inc.  
(faisant affaires au Québec sous le nom de Services Industriels Newalta)  
9955 avenue Catania, suite 245  
Brossard (Québec) J4Z 3V5

N/Réf. : 7610-16-01-0000515  
400443373

Objet : Traitement de matières plombifères à des fins de recyclage

Mesdames,  
Messieurs,

À la suite de votre demande de cession datée du 26 septembre 2007, reçue le 27 septembre 2007, formulée par Nova Pb inc. et Newalta Industrial Services Inc. (faisant affaires au Québec sous le nom de Services Industriels Newalta), concernant le permis d'exploitation délivré en vertu des articles 70.11 et 70.14 de la *Loi sur la qualité de l'environnement* (L.R.Q., chapitre Q-2), à Nova Pb inc. le 9 mai 2007, j'autorise, conformément au deuxième alinéa de l'article 70.17 de la *Loi sur la qualité de l'environnement* (L.R.Q., chapitre Q-2), la cession de ce permis d'exploitation à Newalta Industrial Services Inc. (faisant affaires au Québec sous le nom de Services Industriels Newalta).

Cette cession est délivrée à l'égard du projet décrit ci-dessous :

- Traitement de matières dangereuses plombifères à des fins de recyclage à un taux de 60 000 tonnes métriques par année;
- Utilisation d'huiles usées à des fins énergétiques;
- Entreposage temporaire de batteries autres que plomb-acide, d'une capacité maximale de 20 tonnes métriques;
- Incinération d'un maximum de 10 tonnes métriques par année des déchets solides produits par l'usine de Nova Pb dans le cadre de ses opérations.

Ces activités auront lieu à l'usine située sur le lot P-652 du cadastre de la paroisse de LaPrairie de la Madeleine dont l'adresse civique est le 1200 rue Garnier à Ville Sainte-Catherine dans la municipalité régionale de comté de Roussillon.

Les documents suivants font partie intégrante de la présente cession de certificat d'autorisation :

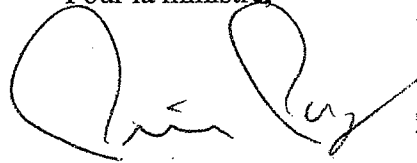
- Lettre au ministère du Développement durable, de l'Environnement et des Parcs datée du 26 septembre 2007, signée par Roger Laporte, Vice-président, Administration de Nova Pb inc. et concernant la cession des certificats d'autorisation et permis, 1 page et 1 annexe;
- Lettre au ministère du Développement durable, de l'Environnement et des Parcs datée du 26 septembre 2007, signée François Bourret, directeur ES&S, Québec, Corporation Newalta et concernant la cession des certificats d'autorisation et permis, 1 page et 4 annexes.

En cas de divergence entre ces documents, l'information contenue au document le plus récent prévaudra.

Le projet devra être exploité conformément au certificat d'autorisation cédé et aux documents qui en faisaient partie. Ce projet devra également être exploité conformément aux documents qui font partie intégrante de cette cession.

En outre, cette cession de certificat d'autorisation ne dispense pas le titulaire d'obtenir toute autre autorisation requise par toute loi ou tout règlement le cas échéant.

Pour la ministre,



PP/JL/jl

Pierre Paquin  
Directeur régional  
de l'analyse et de l'expertise  
de l'Estrie et de la Montérégie

copie certifiée conforme remise à : Nova Pb inc.

Certificat(e) CA07/4002

The management system of  
Le système de gestion de

## La Corporation Newalta

1200, rue Garnier Ville  
Ste-Catherine, Québec, J5C 1B4, Canada

has been assessed and certified as meeting the requirements of:  
a été évalué et enregistré selon les exigences de la norme :

### ISO 9001:2008

The scope of registration is as follows:  
La portée d'enregistrement est présentée ci-dessous:

**Activités de raffinage et fabrication de lingots et/ou blocs de plomb.**

**Refining activities and production of ingots and/or lead blocks.**

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.  
Des éclaircissements supplémentaires concernant la portée de ce certificat ainsi que l'applicabilité des exigences de la norme selon ISO 9001:2008 peuvent être obtenus en consultant l'organisme.

This certificate is valid from 24 January 2013 until 24 January 2016 and remains valid subject to satisfactory surveillance audits.  
Recertification audit due a minimum of 60 days before the expiration date.  
Issue 3: 28 November 2012. Certified since October 2007.  
Ce certificat est valide du 24 janvier 2013 au 24 janvier 2016 et demeurera valide sous réserve du bon maintien des audits de surveillance.  
L'audit de renouvellement est dû au minimum 60 jours avant la date d'échéance.  
Édition 3: 28 novembre 2012. Enregistrée depuis octobre 2007.

Authorised by/Autorisé par



Zachary C. Pivarnik  
Accreditation Manager, North America Inc.  
Directeur de Certification

Accredited Office/Bureau accrédité  
Systems and Services Certification, a Division of SGS North America  
201 Route 17 North, Rutherford, NJ 07070 United States of America

Page 1 of 1 / Page 1 de 1

# SGS





**Orion Registrar, Inc., USA  
Certificate of Registration**

*This is to certify the Environmental Management System of:*

**The Wireless Alliance, LLC  
5763 Arapahoe Ave., Unit G  
Boulder, Colorado 80303  
USA**

*Has been assessed by Orion Registrar and found to be  
in compliance with the following Environmental Management Standard:*

**ISO 14001:2004**

*The Environmental Management System is Applicable to:*

**Provides Recycling of Cell Phones and Peripherals.**

*The Registration period is from March 21, 2012 to March 20, 2015.*

*This registration is subject to the company maintaining its system to the  
required standard, and applicable exceptions, which will be monitored by Orion.*

*Client ID 01791-00001. Certificate ID A0002972-1.*

*EAC / NAICS / SIC Code(s): 24 / 42193 / 5093*



*Carl M. Smith*  
President

03/22/2012  
Date



Orion Registrar, Inc. ★ Arvada, Colorado ★ PO Box 745070 ★ 303-456-6010 ★ FAX 303-456-6681

To authenticate this certificate please visit [www.orion4value.com](http://www.orion4value.com)





## Orion Registrar, Inc., USA Certificate of Certification

*This is to certify the Responsible Recycling System of:*

**The Wireless Alliance, LLC**  
5763 Arapahoe Ave., Unit G  
Boulder, CO 80303  
USA

*The organization has been audited by a certification body that is in conformance with ISO/IEC 17021 requirements and applicable ANAB requirement. The organization is found to be in conformance with all requirements of:*



**Responsible Recycling  
("R2") Practices:2008**

*The Responsible Recycling System is applicable to:*

**Provides Recycling of Cell Phones and Peripherals**

*The Certification period is from March 21, 2012 to March 20, 2015.*

*This Certification subject to the company maintaining its system to the required standard, and applicable exceptions, which will be monitored by Orion.*

*Client ID 01791-00001. Certificate ID A0002973-1.*

*EAC / NAICS / SIC Code: 24 / 42193 / 5093*



*Paul M. Burck*

Mr. Paul M. Burck, President

3/22/2012

Date

Orion Registrar Inc. ★ PO Box 745070 ★ Arvada, Colorado 80006-5070 ★ 303-456-6010 ★ FAX 303-456-6681

To authenticate this certificate please visit [www.orion4value.com](http://www.orion4value.com)

# **Custom Feed Certificate of Approval**

**Main Custom Feed Business**

**8-5075-87-898**



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

Certificate of Approval (Air)  
*Certificat d'autorisation (Air)*

8-5075-87-898  
Number / Numéro

Owner/Operator / Propriétaire/exploitant:

Falconbridge Limited  
Falconbridge, Ontario  
P0M 1S0

Main Custom Feed

Certificate Approval

Located at / Situé(e)(s) à:

Falconbridge, Ontario

This approval is for / La présente autorisation s'applique:

the blending and smelting of up to 100 000 dry tonnes per year of custom feed stock at the existing Falconbridge Limited, Falconbridge Smelter.

All in accordance with the information submitted by Falconbridge Limited, as outlined in attached Schedule "A", subject to the following Special Terms and Conditions which are considered necessary by the undersigned.

SPECIAL TERMS AND CONDITIONS

1. For the purposes of this Certificate:
  - 1.1. "Company" means Falconbridge Limited.
  - 1.2. "Ministry" means the Ontario Ministry of the Environment.
  - 1.3. "District Officer" means the District Officer of the Sudbury District Office of the North East Region of the Ministry.
  - 1.4. "Approvals Branch" means Approvals Branch, Ontario Ministry of the Environment.
  - 1.5. "Director" means the Director of the Approvals Branch of the Ministry.
  - 1.6. "Regulation 308" means Regulation 308 written under the Environmental Protection Act.
  - 1.7. "Custom Feed" means non mine/mill feedstock containing significant quantities of recoverable metal and shall not contain significant quantities of plastic, paint and/or oil or grease.
2. The requirements specified in this Certificate of Approval are imposed pursuant to Section 8 of the Environmental Protection Act. The issuance of this Certificate of Approval in no way abrogates the Company's legal obligations to take all reasonable steps to avoid violating other applicable provisions of this legislation and other legislation and regulations.

..... /2

DATED AT: TORONTO this  
DATE AT: TORONTO

3rd

day of  
jour

November, 1989.

c.c: Mr. R. Hore, M.O.E. N.E., Reg. Dir.

nk

Director, Section 8  
Environmental Protection Act  
Directeur, Section 8  
Loi sur la protection de l'environnement





SPECIAL TERMS AND CONDITIONS (Cont'd)

3. The requirements specified in this Certificate of Approval are severable. If any requirements of this Certificate of Approval, or the application of any requirement of this Certificate of Approval to any circumstances is held invalid, the application of such requirement to other circumstances and the remainder of the Certificate of Approval shall not be affected thereby.
4. The concentration of a contaminant at a point of impingement may be calculated in accordance with the Appendix to Regulation 308.
5.
  - a) The Company shall immediately undertake a study that will outline the control measures required to ensure that the arsenic emissions do not exceed the concentrations outlined in attached Schedule "B".
  - b) The Company shall prepare a report containing the recommendations of the study specified in condition 5a) by April 30, 1990 including all required applications for Certificates of Approval for modifications to the process.
  - c) The Company shall implement the control measures specified in the report required in condition 5b) by December 31, 1990.
6. The Company shall develop a testing program that will monitor both stack emissions and point of impingement concentrations.
  - a) The program shall include, but not be limited to the following:
    - i) A stack suspended particulate matter compliance test to be performed at least twice a year (spring and fall). The test shall be performed in accordance with the Ministry's Source Testing Code, which includes a four (4) point full stack traverse.
    - ii) An ambient air sampling program for arsenic.
    - iii) A "Hi-vol" sampling program for total suspended particulate matter and associated metals.
  - b) The monitoring program shall be developed subject to the following conditions:
    - i) The first stack suspended particulate matter compliance test shall be performed in the Fall of 1990.
    - ii) The sampling program for arsenic shall commence on March 30, 1990.

..... /3



SPECIAL TERMS AND CONDITIONS (Cont'd)

6. b) iii) The current "Hi-vol" sampling program for total suspended particulate matter and associated metals shall continue. Any modifications required by the new monitoring program shall be implemented by March 30, 1990.
- iv) The Company shall submit a report outlining the aforementioned monitoring program that is acceptable to the Director by December 31, 1989.
7. The Company shall submit a report of the custom feeds smelted and the actual treatment rates by element and a comparison of the resulting point of impingement concentrations with the maximum point of impingement concentrations standards as outlined in Schedule 1 of Regulation 308, or Schedule "B" attached to this Certificate as noted in condition 5. The report shall be submitted in a form that is acceptable to the District Officer for each month of operation no later than the last day of the following month and thereafter each month until such time as the District Officer reduces the reporting frequency.
8. The Company shall submit to the District Officer a performance report covering the preceding twelve (12) months ending December 31, by March 1, 1990 and every year thereafter. The report shall be of a format acceptable to the District Officer and include, but not be limited to:
- a) A summary of the monitoring program noted in Condition number 6, including an overview of the Company's ability to maintain stack emissions within the requirements of the Company's Certificates of Approval.
- b) A summary of the reporting program noted in Condition number 7.
- c) A summary of the quantity/quality of the custom feeds smelted in that year.
9. If at any time, the effects of the emissions are significant enough to, in the opinion of the District Officer, create a visible emission or otherwise create an adverse effect within the meaning of the Environmental Protection Act, then the Company shall forthwith upon receipt of the District Officer's opinion, aforesaid, apply to the Director for Certificates of Approval of all modifications and/or additions necessary to prevent these problems and/or effects, and shall forthwith upon approval, cause these modifications and/or additions to be made.

THIS CERTIFICATE OF APPROVAL SUPERSEDES CERTIFICATE OF APPROVAL  
NO. 8-5075-87-887 DATED SEPTEMBER 8, 1988.

### SCHEDULE "A"

This Schedule "A" forms part of Certificate of Approval (Air)  
Number 8-5075-87-898

The following is a list of the information received by the Ministry from Falconbridge Limited and relied upon in the issuance of this Approval:

1. Application for a Certificate of Approval for the smelting of up to 18 480 dry tonnes of custom feed stock per year dated October 20, 1987.
2. Correspondence from R. Michelutti dated March 1, 1989 requesting approval for additional smelting capacity of up to 25 000 dry tonnes of custom feed stock per year.
3. Application for a Certificate of Approval for the smelting of up to 100 000 dry tonnes of custom feed stock per year dated July 10, 1989.
4. Correspondence from M.E.T. Humphries dated October 30, 1989 requesting approval for additional smelting capacity of up to 100 000 dry tonnes of custom feed stock per year and addressing the Ministry's concerns raised in the recent meetings concerning the proposed increase, including Appendices 1-6.

SCHEDULE "B"

This Schedule "B" forms part of Certificate of Approval (Air)  
Number 8-5075-87-898

<u>Name of Contaminant</u>	<u>Unit of Concentration</u>	<u>Concentration at Point of Impingement Half Hour Average</u>	<u>Ambient Air Quality Criteria 24 Hour Average</u>
Arsenic	micrograms per cubic metre of air	1	0.3



## Notice Avis

To: FALCONBRIDGE LIMITED  
Destinataire: Falconbridge, Ontario  
POM 150

You are hereby notified that Conditional Certificate of Approval No. 8-5075-87-898 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

1. Condition number 1 is included on the Certificate to make clear the meaning of terms and conditions included on the Certificate, or to reduce the need to use long descriptions of the same thing in several places and reduce the possibility of calling the same thing by several different names in different parts of the Certificate.
2. Condition number 2 is included on the Certificate to emphasize that the issuance of the Approval does not diminish the duty of the Company to use all reasonable care in the maintenance and operation of the smelter.
3. Condition number 3 is included on the Certificate to clarify that the requirements as set out in the conditions are severable.
4. Condition number 4 is included on the Certificate to clarify the method used to calculate point of impingement concentrations.
5. Condition number 5 sets out point of impingement concentrations limitations for arsenic and requires the company to develop and implement control measures to ensure that the emissions of arsenic in particular will not exceed the prescribed point of impingement concentration.
6. Condition numbers 6 through 8 are included on the Certificate to enable the Ministry to verify that the approved facilities are operating properly and to ensure that the Ministry's air pollution control requirements will be achieved on a continuous basis over the long-term. The Company is required to; develop a testing program to monitor certain contaminants of interest to the Ministry, to report on the results of this testing program and to provide an overview of the Company's emissions.

7. Condition number 9 is included on the Certificate to require that corrective measures will be undertaken immediately if visible emissions and/or any other adverse effects or problems are caused by the Company's operations. This condition does not reduce the liability of the Company in regards to the consequences of such adverse effects or from prosecution for violation of the Environmental Protection Act or specifically this Certificate.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 122a of the Environmental Protection Act, as amended in 1983, provides that the Notice requiring the hearing shall state the portions of each term or condition in the approval in respect of which the hearing is required and the grounds on which you intend to rely at the hearing.

This Notice should be served upon:

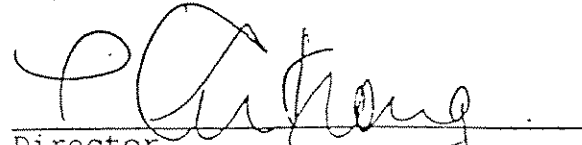
The Secretary,  
Environmental Appeal Board,  
112 St. Clair Ave. West,  
5th Floor,  
Toronto, Ontario.  
M4V 1N3

AND

The Director,  
Section 8, E.P. Act,  
Ministry of the Environment,  
250 Davisville Avenue,  
Toronto, Ontario.  
M4S 1H2

DATED at Toronto this 3rd

day of November, 1989.

  
\_\_\_\_\_  
Director,  
Section 8, E.P. Act,  
Ministry of the Environment.

FALCONBRIDGE

Letter of Clarification  
Condition No.9



November 15, 1989

Mr. J. G. Robertson, P. Eng.  
District Officer  
Sudbury District Office  
Ministry of the Environment  
199 Larch Street  
Sudbury, Ontario  
P3E 5P9

Dear Mr. Robertson:

RE: AIR APPROVAL - CUSTOM FEED C. OF A. 8-5075-87-898

As per our telephone conversation, "Notice" item number 7, of the Custom Feed C. of A. 8-5075-87-898, required clarification. Item #7 states that "Condition #9 is included on the Certificate to require that corrective measures be undertaken immediately if visible emissions and/or, etc." Since our emissions are always visible this would in a strict interpretation, affect our operations constantly. It is our understanding that the MOE's intent is to require Falconbridge Limited to take immediate action only when visible emissions are due to Custom Feed material being introduced. We therefore wish to have this letter appended to the C. of A. 8-5075-87-898, to ensure that both Falconbridge Limited and the MOE understand the intent of condition number 9 and Notice item number 7.

Yours truly,



R. E. Michelutti  
Supervisor Environmental Control

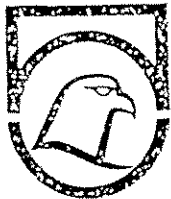
REM/sjl

cc: M. P. Sydbury  
L. E. Seeley-M. E. Wiseman  
A. L. McKague-M. E. T. Humphries

T. Armstrong (MOE Approvals - Toronto)  
S. Lavoie (Central File)

JS-KAP-Bruce

ANDONBRIDGE



May 7, 1990

Mr. Tom Armstrong  
Director - Approvals Branch  
Ministry of Environment  
3rd Floor  
250 Davisville Ave.,  
TORONTO, Ontario  
M4S 1H2

Dear Mr. Armstrong

Re: Certificate of Approval (Air) 8-5075-87-898

Attached is the modified "Monitoring Program" which was originally submitted for approval as required by the Certificate of Approval. This monitoring program has been modified as requested in your letter of February 12, 1990 (attached). As well, the elements to be analyzed as part of the Hi-Vol sampling program have been adjusted as requested by R. Potvin in his letter of February 26, 1990 (attached).

I trust that these modifications will meet with your approval. Should you have any questions, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink, appearing to read 'M.E.T. Humphries'. The signature is stylized with a large, sweeping 'H' and a long, trailing flourish.

M.E.T. Humphries  
Manager, Custom Feed

METH:jc

cc: R.C.Hore (Regional Director - Northeastern Region)





Certificat(e) CA05/3527

The management system of  
Le système de gestion de

## Xstrata Nickel - Sudbury Smelter

1 Longyear Road,  
Sudbury, Ontario, P0M 1S0, Canada

has been assessed and certified as meeting the requirements of:  
a été évalué et enregistré selon les exigences de la norme :

### ISO 14001:2004

The scope of registration is as follows:  
La portée d'enregistrement est présentée ci-dessous:

**The production of nickel-copper matte including metallurgical operations, acid plant, landfill operations, and tailings, slag and wastewater management areas.**

Further clarifications regarding the scope of this certificate and the applicability of ISO 14001:2004 requirements may be obtained by consulting the organization.  
Des éclaircissements supplémentaires concernant la portée de ce certificat ainsi que l'applicabilité des exigences de la norme selon ISO 14001:2004 peuvent être obtenus en consultant l'organisme.

This certificate is valid from 28 February 2013 until 11 February 2016  
and remains valid subject to satisfactory surveillance audits.  
Recertification audit due a minimum of 60 days before the expiration date.

Issue 4, 28 January 2013. Certified since July 2004

Ce certificat est valide du 11 février 2013 au 11 février 2016  
et demeurera valide sous réserve du bon maintien des audits de surveillance.  
L'audit de renouvellement est dû au minimum 60 jours avant la date d'échéance.

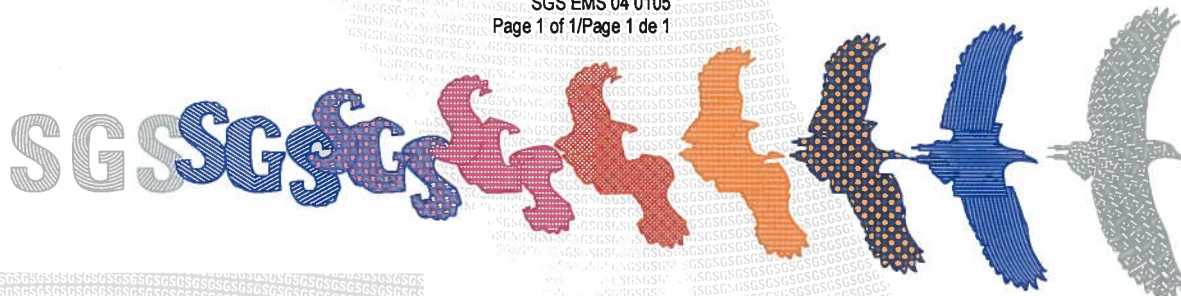
Edition 4, 28 janvier 2013. Enregistrée depuis juillet 2004

Authorised by/Autorisé par

Zachary C. Pivarnik  
Director of Accreditation, North America  
Directeur de Certification

Accredited Office/Bureau accrédité  
Systems & Services Certification, a Division of SGS North America Inc.  
201 Route 17 North, Rutherford, NJ 07070 United States of America  
t (201) 508-3000 f (201) 935-4555 [www.us.sgs.com](http://www.us.sgs.com)

SGS EMS 04 0105  
Page 1 of 1/Page 1 de 1





## Audit Information

# TOXCO



**Box 232, Trail, British Columbia,  
Canada V1R 4L5**  
Ph (250) 367-9882  
Fax (250) 367-9875

# ENVIRONMENTAL AUDIT INFORMATION

## Table of Contents

Facility Overview

Compliance History

Facility Permits

Certificate of Insurance

Site Location Map

Operations Diagram

Process Description

## Facility Overview

Toxco Waste Management Ltd. (Toxco) specializes in processing and recycling of lithium battery chemistries; including lithium sulphur dioxide, thionyl chloride, iron disulphide, manganese dioxide and lithium ion batteries, lithium battery components and scrap lithium metals, additional lithium chemistries may be processed upon submission of technical data and proposed emissions monitoring for review by the British Columbia Ministry of the Environmental (MOE).

Toxco is a wholly owned subsidiary of Toxco Inc. of Anaheim, California. The controlling shareholders of Toxco Inc include:

- Kinsbursky Brothers Inc., a battery recycler based in Anaheim, Ca
- Terry, George and Mike Adams based in Anaheim, CA
- The Alpert & Alpert Group

Toxco is located in Trail, B.C. Canada where it operates a lithium special waste storage and treatment facility. The facility began operation in September of 1993 on 11 acres of industrial zoned property that was previously occupied by a chainsaw fabrication plant and subsequently leased by a building supplies company warehouse. The site currently includes a 32,000 sq. ft. office and production building and 3,830 sq. ft. of separate reinforced concrete battery storage bunkers.

The Toxco facility operates under the authority of the MOE as granted by the following operations permits<sup>f1</sup>:

- BC MOE Operational Plan for the storage, treatment, and recycling of lithium special wastes waste.
- Permit PA-12975 for the discharge of contaminants to the atmosphere.

Permit PS-12978 was issued on June 30, 1994 and amended for operational changes and facility expansion. This permit was subsequently converted to an Operational Plan in 2006 as required by the BC MOE. The permit defines the types and quantities of materials which may be managed and the handling and storage methods employed. A copy of the plan can be made available for review upon requests.

Permit PA-12975 was issued July 6, 1994 and last amended on February 13, 1996. This permit defines the volumes and concentration of constituents discharged to the atmosphere and defines the monitoring program and reporting requirements.

### Site Characteristics

The Toxco facility is located in Columbia Gardens Industrial Park, an area zoned for heavy industry, 12 km south of Trail, B.C. on the east side of Highway 22A in the Columbia River Valley.

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<sup>f1</sup> MOE permits are perpetual and do not require annual renewal.

### Adjacent Properties

Alpine Recycling (household waste recycling), KC Recycling (metal and automotive batteries), XL Quality Industrial Services, and an Auto Recycling facility to the north.

The Trimac reloading facility, southwest and across the highway, where the Teck smelter in Trail transloads various feedstock and products including ore concentrates, lead and zinc for shipment to and from around the world. Further southwest (approximately .5 km) is a sulfuric acid shipping facility operated by West Can.

There are no immediate adjacent developments to the East or West of the facility.

There are two residences located within a kilometer north of the site. The Trail Regional Airport is located 2.5 km north of the facility on hwy 22A.

### Geology and Hydrology:

The nearest body of water, the Columbia River, is approximately 750 meters west, and 100 meters below the mezzanine of the valley. It flows south into the United States approximately 5km downstream and is used for potable water, power generation and recreation.

The area surrounding the site is predominantly alluvial gravel with a relatively high permeability. Groundwater flow is westward towards the river. A small creek originates about 1 km above the Toxco facility on the mezzanine however, surface water penetrates the ground into gravel bed prior to reaching the facility.

The Regional District of Kootenay Boundary supplies water to the industrial park from a well located at the north end of the park. Based on the depth of the well, the water table is estimated to be 300' below the surface, approximately at the surface level of the Columbia River. There are no underground storage tanks on the property. There is no known soil contamination at the site.

### Site Security:

The operational portion of the property is surrounded by a chain link fence topped by three strands of barbed wire.

Access to the facility is controlled during working hours by Toxco personnel. The facility is secured during non-operational hours by electronic surveillance. Security includes continuously monitored smoke detectors and heat-rise sensors.

### Compliance History

Toxco has not had a Notice of Violation in the past five years. The only previous violation was clerical in nature.

# Facility Permit (cover page)

PROVINCE OF  
BRITISH COLUMBIA



Environmental Protection  
#401-333 Victoria Street  
Nelson, British Columbia  
V1L 4K3  
Telephone: (604) 354-6355

## MINISTRY OF ENVIRONMENT, LANDS AND PARKS

PERMIT  
PA-12975

*Under the Provisions of the Waste Management Act*

TOXCO WASTE MANAGEMENT LTD.  
POST OFFICE BOX 232  
9384 HIGHWAY 22A  
TRAIL, BRITISH COLUMBIA  
VIR 4L5

is authorized to discharge contaminants to the air from a lithium special waste storage, treatment and recycling facility located at the Columbia Gardens Industrial Park, near Trail, British Columbia, subject to the conditions listed below. Contravention of any of these conditions is a violation of the Waste Management Act and may result in prosecution.

### 1. AUTHORIZED DISCHARGE

1.1. The discharge of contaminants to the air to which this subsection is applicable is from the stack of the pollution control works (as described in Subsection 1.1.3) associated with a lithium special waste storage, treatment and recycling facility as shown on the attached Site Plan A. The site reference number for this discharge is E220665.

1.1.1. The maximum authorized rate of discharge is 5 m<sup>3</sup>/sec. The authorized discharge period is 16 hrs/day.

Date Issued: July 6, 1994  
Date Amended:  
(most recent)  
Page: 1 of 7

MAY 18 1995

A handwritten signature in black ink, appearing to read "Barry Wood".

Barry Wood, P. Eng.  
Assistant Regional Waste Manager

PERMIT: PA-12975

## **Insurance and Financial Responsibility**

Toxco is covered by the following insurance provided through BFL Canada Insurance Services Inc.  
(see attached certificate)

<u>Coverage</u>	<u>Limit</u>
Pollution Liability	\$ 10,000,000.
Commercial Liability	\$10,000,000.
Property Damage	\$ 7,904,000.

Toxco is additionally covered by the province-wide Workers' Compensation Insurance. Toxco receives the maximum assessment discount from WCB because of its excellent safety record.

Toxco maintains a \$107,000 Bond to the credit of the Ministry of the Environment to cover all anticipated closure costs. Adjustments to the deposit are made periodically in relation to the level of activity and the quantities of materials stored on site.

## **Site Location Map**

*See attached*

## **Operations Diagram**

*See attached*

## **Process Description**

Materials are received from locations throughout world. The batteries may arrive in a variety of containers (e.g. in drums, crates or palletized boxes). The batteries are inspected, weighed, and sorted once received for storage. Just prior to processing the packaging is removed and the batteries are weighed and placed into liquid nitrogen. This cools the batteries thus minimizing the reactivity of the batteries during shredding and treatment. Gases or fumes liberated during shredding are controlled in a wet scrubber system and a travelling bed filter. Atmospheric emissions are monitored to ensure compliance. Soluble components of the battery that are dissolved in the solution are precipitated from solution and recovered and processed to produce lithium carbonate. Scrap metal and plastic from the batteries is also recovered from the treatment tank. The scrap is separated into metallic and non-metallic fractions for recycle and/or disposal.



## Recordkeeping

**Profiles** – all generators are required to complete and submit a Lithium Waste Profile Sheet for approval prior to shipping any materials. This profile typically involves identification of the particular chemistry of the batteries to be shipped. Analytical, dimensional and structural information may be requested following review of the profile. A sample may be required for prescreening. Each profile is assigned an approval number and that profile number is identified on the manifest. A copy of the profile is kept in perpetuity.

**Manifest** – signed copies of all shipping papers and hazardous waste manifests are maintained on site as required. Toxco is currently in the process of electronically recording and storing all paperwork relating to shipments on and off-site. Copies are maintained in perpetuity.

**Certificate of Acceptance** – are issued to each generator upon receipt and acceptance of the lithium wastes at the facility. Copies are maintained in perpetuity.

**Certificate of Recycling** – are issued upon complete recycling of the material.

**Process Records** – records of selected process, operating conditions, material receipt, and movement, are maintained to assist in process control and improvement. A report of production volumes and inventory levels is submitted to the MOE. Copies are maintained for a minimum of three years.

**Emissions monitoring** – is conducted on an annual basis by an independent third party environmental firm as required by the B.C. Ministry of Environment. A copy of this report is submitted to the Ministry. Additional monitoring of emissions is conducted on an as-needed basis when process conditions warrant. Copies are maintained for a minimum of five years.

**Regulatory inspections** – a weekly environment and safety inspection is made of the facility. The record of this inspection is used to ensure that any deficiencies are corrected. Inspection records are maintained for a minimum of three years.

**Maintenance** – a checklist identifies weekly, monthly, quarterly, semi-annual and annual maintenance tasks. Records of maintenance activities are maintained. Maintenance required on a daily basis is performed according to written procedures. Maintenance records are kept a minimum of three years.

**Personnel Training** – Toxco provides the following training to employees:

- first aid
- 40 hour OSHA course
- annual 8 hours OSHA refresher course
- WHMIS (Workplace Hazardous Materials Information System)
- Emergency Contingency Plan
- Personal Protective Equipment
- process operations

**Medical Monitoring** – all employees undergo an annual medical examination. This exam includes routine blood and urine analysis. Medical records are maintained by the physician. A letter attesting



to the ability of the individual to perform expected work is provided by the physician.





BFL CANADA Insurance Services Inc.  
1177 West Hastings Street, Suite 200  
Vancouver, British Columbia V6E 2K3  
Tel.: (604) 669-9600  
Fax: (604) 683-9316  
Toll Free: 1-866-669-9602

## CERTIFICATE OF INSURANCE

**Certificate Holder:** To whom it may concern

This is to certify that the following described policy(ies) or cover note(s) in force at this date have been effected to cover as shown below:

**Named Insured:** Toxco Waste Management Ltd. dba Retrie Technologies a/o Retrie Technologies Ltd.

**Mailing Address:** 9384 Highway 22A, Trail, BC V1R 4W6

**Description of operations and/or activities and/or locations to which this certificate applies:**

Evidence of Insurance

POLICY TYPE	INSURER	POLICY NUMBER	POLICY PERIOD (MM/DD/YYYY)	LIMITS & DEDUCTIBLES**	
Property	Northbridge Indemnity Insurance Corporation	CDN5559	03/26/2014 to 03/26/2015	Property Damage Limit Business Interruption – 3 month indemnity	\$ 11,157,580 \$ 782,550
Commercial General Liability	ACE INA Insurance	CGL524037	03/26/2014 to 03/26/2015	Each Occurrence General Aggregate Products & Completed Operations Annual Aggregate	\$ 10,000,000 \$ 10,000,000 \$ 10,000,000
Premises Pollution Liability	ACE INA Insurance	EIL33618	03/26/2012 to 03/26/2015	Each Claim Aggregate Retroactive Date	\$ 10,000,000 \$ 10,000,000 N/A

### Particulars of Insurance

#### PROPERTY

"All Risk Form" – including Flood & Earthquake  
Replacement Cost, except Mobile Equipment at Actual Cash Value  
110% Margin Clause

Full terms and conditions as per policy on file

Pollution Exclusion, Asbestos Contamination Exclusion, Electronic Data Exclusion,  
Terrorism Exclusion, Mold Exclusion  
Deductibles \$50,000, All Losses, except for Earthquake 5% Minimum \$100,000,  
Flood \$100,000, Business Interruption 48 Hour Waiting Period

#### COMMERCIAL GENERAL LIABILITY

Products and Completed Operations Aggregate  
Personal Injury and Advertising Injury  
Employer's Liability – Canadian Employees only  
Non-Owned Automobile Liability  
Employees as Additional Insured  
Contingent Employer's Liability – Canadian Employees only  
Cross Liability  
Additional Insured Vendors Broad Form  
Blanket Contractual  
Broad Form Property Damage

Full terms and conditions as per policy on file

Occurrence Bodily Injury and Property Damage  
Employee Benefits \$1,000,000 each claim/annual aggregate  
Tenants Legal Liability \$300,000 – Blanket all locations  
Medical Payments \$10,000 each person, \$25,000 each accident  
Fire Fighting Expenses \$500,000 each occurrence and in the Annual Aggregate  
Nuclear Energy Liability Exclusion, Asbestos Exclusion, Absolute Pollution  
Exclusion, ERISA Exclusion, SEF 99 Excluding Long Term Leased Vehicles,  
Professional Liability Exclusion, War Exclusion, US Employers Liability Exclusion,  
Mold & Fungus Exclusion, Employment Related Practices Exclusion, Data  
Exclusion, Terrorism Exclusion, Silica and Silica-Containing Material Exclusion,  
Lead Exclusion and Mercury Exclusion  
Deductible: Each & Every Occurrence in Canada \$5,000, Each & Every Occurrence  
in the US \$10,000, Tenants Legal Liability \$1,000, Employee Benefits Liability  
\$1,000, SEF 94 Legal Liability Damage to Hired Vehicles \$1,000

#### PREMISES POLLUTION LIABILITY

Products Pollution Coverage Endorsement  
Fungi & Legionella Sublimit \$250,000  
Contingent Transportation Endorsement  
Deductible: per claim \$50,000.

Full terms and conditions as per policy on file

Exclusions: Asbestos Exclusion, Contractual Liability Exclusion, Divested Property  
Exclusion, Employer's Liability Exclusion, Fines & Penalties Exclusion, Known  
Conditions Exclusion, War/Terrorism Exclusion, excludes claims, remediation costs  
or legal defence expenses from lead impacts attributed to the lead smelter operated  
by Tech Cominco, Fungi Exclusion Endorsement

This certificate is issued as a matter of information only and is subject to all the limitations, exclusions and conditions of the above-listed policies as they now exist or may hereafter be endorsed. Should one of the above-noted policies be cancelled before the expiry date shown, notice of cancellation will be delivered in accordance with the policy provisions. Limits shown above may be reduced by Claims or Expenses paid. \*\* All Limits shown above are in Canadian (CAD) currency

BFL CANADA Insurance Services Inc.

Signed in Vancouver this 2<sup>nd</sup> day of April, 2014

Per:

  
Authorized Representative



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/5/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> HUB Int Ins Svc - Dallas 700 North Pearl Street, Suite N1700  Dallas TX 75201	<b>CONTACT NAME:</b> <b>PHONE (A/C, No. Ext):</b> (214) 979-6200 <b>FAX (A/C, No):</b> (214) 979-6215 <b>E-MAIL ADDRESS:</b>														
<b>INSURED</b> Wistron GreenTech Texas Corporation  2101 Couch Dr.  McKinney TX 75069	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: American International Ins.</td><td>32220</td></tr><tr><td>INSURER B: Chubb Indemnity Co.</td><td>12777</td></tr><tr><td>INSURER C: Federal Insurance Co.</td><td>20281</td></tr><tr><td>INSURER D: Great Northern Insurance Co.</td><td>20303</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: American International Ins.	32220	INSURER B: Chubb Indemnity Co.	12777	INSURER C: Federal Insurance Co.	20281	INSURER D: Great Northern Insurance Co.	20303	INSURER E:		INSURER F:	
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INSURER E:															
INSURER F:															

**COVERAGES**

CERTIFICATE NUMBER: Cert ID 50146

REVISION NUMBER:

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B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> AN RO RIE OR AR NERE E U I E O I ER MEMBER E UDED (Mandatory in NH) I es, escribe u er DE RI ION O O ERA ION be o	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N	N/A	7174-8620	6/1/2014	6/1/2015	<table><tr><td><input checked="" type="checkbox"/> ER A U E <input type="checkbox"/> O ER</td><td></td></tr><tr><td>E . EA A IDEN</td><td>1,000,000</td></tr><tr><td>E . DI EA E EA EM O EE</td><td>1,000,000</td></tr><tr><td>E . DI EA E O I IMI</td><td>1,000,000</td></tr></table>	<input checked="" type="checkbox"/> ER A U E <input type="checkbox"/> O ER		E . EA A IDEN	1,000,000	E . DI EA E EA EM O EE	1,000,000	E . DI EA E O I IMI	1,000,000				
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A	<b>POLLUTION LEGAL LIABILITY</b>			PLS17791261	12/20/2013	12/20/2014	<table><tr><td>EACH INCIDENT LIMIT</td><td>10,000,000</td></tr><tr><td>AGGREGATE LIMIT</td><td>10,000,000</td></tr></table>	EACH INCIDENT LIMIT	10,000,000	AGGREGATE LIMIT	10,000,000								
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

FOR INFORMATION PURPOSES  TX	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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ACORD 25 (2014/01)

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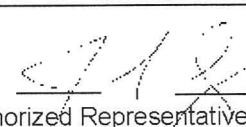


THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## POLICY CHANGES

Policy Change  
Number 1

POLICY NUMBER: R PKG E 006076-01	POLICY CHANGES EFFECTIVE: 01/07/2013	COMPANY: Rockhill Insurance Company												
NAMED INSURED: Wistron GreenTech (Texas) Corporation		AUTHORIZED REPRESENTATIVE: NECC												
COVERAGE PARTS AFFECTED: Transportation Pollution Liability, Site Specific Pollution Liability														
<p style="text-align: center;"><b>CHANGES</b></p> <p>IN CONSIDERATION OF THE ADDITIONAL PREMIUM OF \$4,223.00, WHICH IS TWENTY-FIVE PERCENT (25%) EARNED AT ATTACHMENT, IT IS HEREBY UNDERSTOOD AND AGREED THAT FORM RHIC 6027 01 08, POLICY AGGREGATE AND PER OCCURRENCE LIMIT PROVISION, IS AMENDED READ \$5,000,000.00 IN LIEU OF \$1,000,000.00.</p> <table><tr><td>TRANSPORTATION POLLUTION LIABILITY COVERAGE:</td><td></td></tr><tr><td>AGGREGATE LIMIT:</td><td>\$5,000,000.00</td></tr><tr><td>EACH TRANSPORTATION POLLUTION CONDITION LIMIT:</td><td>\$5,000,000.00</td></tr><tr><td>SITE POLLUTION LIABILITY COVERAGE:</td><td></td></tr><tr><td>AGGREGATE LIMIT:</td><td>\$5,000,000.00</td></tr><tr><td>EACH SITE POLLUTION CONDITION LIMIT:</td><td>\$5,000,000.00</td></tr></table> <p style="text-align: center;">ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.</p>			TRANSPORTATION POLLUTION LIABILITY COVERAGE:		AGGREGATE LIMIT:	\$5,000,000.00	EACH TRANSPORTATION POLLUTION CONDITION LIMIT:	\$5,000,000.00	SITE POLLUTION LIABILITY COVERAGE:		AGGREGATE LIMIT:	\$5,000,000.00	EACH SITE POLLUTION CONDITION LIMIT:	\$5,000,000.00
TRANSPORTATION POLLUTION LIABILITY COVERAGE:														
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SITE POLLUTION LIABILITY COVERAGE:														
AGGREGATE LIMIT:	\$5,000,000.00													
EACH SITE POLLUTION CONDITION LIMIT:	\$5,000,000.00													


  
Authorized Representative Signature  
1/22/2013 jj

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## POLICY CHANGES

Policy Change  
Number 2

POLICY NUMBER:  R PKG E 006076-01	POLICY CHANGES EFFECTIVE:  12/20/2012	COMPANY:  Rockhill Insurance Company
NAMED INSURED: Wistron GreenTech (Texas) Corporation		AUTHORIZED REPRESENTATIVE:  NECC
COVERAGE PARTS AFFECTED: Site Specific Pollution Liability		
<p style="text-align: center;">CHANGES</p> <p>IN CONSIDERATION OF THE PREMIUM PAID, IT IS HEREBY UNDERSTOOD AND AGREED THAT THE FOLLOWING IS ADDED AS AN ADDITIONAL LOCATION OF THE NAMED INSURED:</p> <p style="text-align: center;">2101 Couch Drive McKinney, TX 75069</p> <p>ALL LIMITATIONS, EXCLUSIONS AND OTHER PROVISIONS OF THIS POLICY SHALL BE APPLICABLE TO THIS ENDORSEMENT.</p> <p style="text-align: center;">ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.</p>		

  
Authorized Representative Signature  
1/25/2013 jj

Certificate US12/82359



The management system of

## Wistron GreenTech Corp.

2101 Couch Drive  
McKinney, TX, 75069, United States

has been audited by a certification body that is in conformance with ISO/IEC 17021 requirements and applicable ANAB requirements. This organization is found to be in conformance with all requirements of:



## Responsible Recycling®:2008

The scope of registration is as follows:

**Collection, sort, test, refurbish, demanufacture and recycle electronics, including secure data destruction.**

Further clarifications regarding the scope of this certificate and the applicability of Responsible Recycling®:2008 requirements may be obtained by consulting the organization.

This certificate is valid from 5 September 2013 until 14 March 2015  
and remains valid subject to satisfactory surveillance audits.  
Recertification audit due a minimum of 60 days before the expiration date.

Issue 2.

Certified since 14 March 2012.

Authorized by

Zachary C Pivarnik

Director of Accreditation, North America

Systems & Services Certification, a Division of SGS North America, Inc.  
201 Route 17 North, Rutherford, NJ 07070, USA  
t (201) 508-3000 f (201) 935-4555 [www.us.sgs.com](http://www.us.sgs.com)



This certificate remains the property of SGS and shall be returned upon request

Page 1 of 1



Certificate US12/82360



The management system of

## Wistron GreenTech Corp.

2101 Couch Drive  
McKinney, TX, 75069, United States

has been audited by a certification body that is in conformance with ISO/IEC 17021 requirements and applicable ANAB requirements. This organization is found to be in conformance with all requirements of:



## RIOS:2006

The scope of registration is as follows:

**Collection, sort, test, refurbish, demanufacture and recycle  
electronics, including secure data destruction.**

Further clarifications regarding the scope of this certificate and the applicability of RIOS : 2006 requirements may be obtained by consulting the organization.

This certificate is valid from 5 September 2013 until 14 March 2015  
and remains valid subject to satisfactory surveillance audits.  
Recertification audit due a minimum of 60 days before the expiration date.

Issue 2.

Certified since 14 March 2012.



Authorized by

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