

Transportation Emergency Assistance Program (TEAP III)

Louis Laferriere, CIAC, Ottawa

**BC's Land Based Spill Preparedness and
Response Symposium
March 25, 2013
Vancouver**

- **CIAC[®]**
- **Responsible Care[®]**
 - **Transportation Elements**
- **Evolution of Transportation Emergency Assistance Program (TEAP[®] I, II and III)**
- **TEAP III standards and assessment development and implementation**

Who is the CIAC?

- **50+ leading companies engaged in the business of industrial chemical and resin manufacturing representing about 60% of total CDN production**
- **\$26 billion annual sales**
- **CIAC Responsible Care Partners who transport chemicals**

- ✓ Ashland, Kelowna
- ✓ Canexus, North Vancouver
- ✓ CCC Group, Delta
- ✓ Chemtrade Logistics, Prince George
- ✓ ERCO, North Vancouver
- ✓ FMC, Prince George
- ✓ Methanex, Vancouver
- ✓ Northwest Tank Lines, Langley
- ✓ Ken Johnson Trucking, Langley

- **About three-quarters of production is exported to the United States and offshore markets**
- **Need to rely upon safe and efficient transportation to receive raw materials and to ship products to customers in North America and exports to global markets**

- **Condition of membership since 1985**
- **Commitment to improved health, safety and environmental performance and to social responsibility**
- **Ethic and three Codes of Practice apply to the life cycle of chemicals**

Transportation Elements

- ✓ **Select safest mode**
- ✓ **Select safest routes**
- ✓ **Select safest carriers**
- ✓ **Immediate emergency response**
- ✓ **Security of shipments**
- ✓ **Inform and train communities along transportation corridors**

TEAP I – 24-hour national telephone system

TEAP II – On-scene mutual aid response network

**TEAP III – Program with standards for CIAC
members and on-scene service providers**



- **CIAC-wide consultations took place**
 - **If we don't manage our transportation incidents... someone else will... Be involved voluntarily and assist in managing incident responses or be directed**
- **TEAP III options developed**
- **CIAC Board decision establishes TEAP III**

TEAP III

- **Develop standards for CIAC Member Companies and their TERSPs, assessments for both, register TERSPs**
- **To maintain an identified emergency response network with the capability and capacity to safely and efficiently respond, control, contain, stabilize and mitigate the impacts of a chemical transportation incident.**

CIAC Transportation Emergency Response Standard

- **Applies to road and rail modes**
 - **Does not include air mode or pipeline**
- **Covers all materials shipped/imported by members (non-dangerous, dangerous, ERAPable, waste, hazardous waste, recyclable...) but modified with respect to incident hazard assessment**

CIAC Transportation Emergency Response Standard

- **Technical Advisor available 24/7 to attend incident**
- **Home Coordinator and Spokesperson**
- **On-scene response capability (TER team and equipment) whether in-house, mutual aid or contracted resources**

- **CIAC – Chemistry Industry Association of Canada**
- **CACD – Canadian Association of Chemical Distributors**
- **CN – Canadian National railway**
- **CP – Canadian Pacific railway**
- **RAC – Railway Association of Canada**

- **CERCA – Canadian Emergency Response Contractors’ Alliance**
- **CHLOREP – Chlorine Institute Emergency Plan (Canadian members)**
- **CFA LSEP ECRC – Canadian Fuels Association, Land Spill Emergency Preparedness, Eastern Canada Response Corporation**
- **TDG Directorate, Transport Canada**

- **Team III Team developed “ER contractor standard” and coined new terms:**
 - **Transportation Emergency Response Service Provider (TERSP)**
 - ***TEAP III Transportation Emergency Response Service Provider Standard (TERSP Standard)***

Cover requirements for:

- **Management**
- **Activation and Response**
- **Resources (personnel, equipment and materials, contact lists, third party resources and mutual aid)**
- **Preparedness (training, exercises, and equipment maintenance)**

Transportation Emergency Response Service Provider Standard



- **Minimum “must have” at the assessed location:**
 - **Manned 24-hour activation number**
 - **Two trained Team Leaders and two trained team members**
 - **Sufficient liability, property damage and/or environmental insurance (\$5 million coverage)**
 - **Canadian business address**
 - **Letter of clearance from WCB, WSIB, CCST or similar**
 - **Essential Equipment**

Phase 1: 2008-2009

- **12 CERCA member locations (volunteers) assessed**
- **Field testing of new assessment system**
- **\$5000 per location**
- **Some assessment questions or the intent needed clarification**

Phase 2: 2010-2011

- **14 CERCA member locations assessed**
- **Implement upgraded *TEAP III TERSP Standard Assessment* form**
- **Commence submission of annual updates (self-reports)**
- ***TEAP III TERSP Standard Assessment Management Process* document completed**

- **16 CERCA member locations will be assessed**
- **Strengthen assessment management process**
- **Focus on training and debriefing, gap analysis and corrective actions**
- **CIAC website postings of all TEAP III related documentation (bilingual) and reports**

What TEAP III TERSP Standard Assessment does...

- **Assures that the registered TERSP location meets the *TEAP III TERSP Standard***
- **Checks that a management system is in place**
- **Checks on TERSP training, equipment and maintenance records**
- **Registers by name all fully trained and current TERSP personnel**

What TEAP III TERSP Standard Assessment does not...

- **Assess a TERSP as competent for ALL materials**
- **Assess sub-contracted TERSPs**
- **Assess against geographic terrain, weather conditions, modes**
- **Establish a response fee structure**

WARNING!!

- **Clients must still complete your own assessment of your TERSP and their sub-contractors for your specific material**
 - **TEAP III assesses the infrastructure of the TERSP location**
 - **80-90% of training is common for all dangerous goods incidents**

What is the end result?

- **If a transportation incident involving a TEAP III member – confidence in a quick, professional response**
- **Registry of assessed Transportation Emergency Response Service Providers**
- **Improved TER capability and capacity across the country**

- **There are gaps in TERSP coverage, how to close?**
- **There could be gaps in CIAC members TEAP III compliance that need to be addressed by CIAC collectively**

**For industry (shippers, carriers) and governments
(municipal, provincial, territorial and federal)
the challenge is:**

**How to sustain a competent private sector
transportation emergency response
capability when we strive to have zero
incidents?**

Want to Know or See More?

www.canadianchemistry.ca/TransportationBRSafety/TEAPIII.aspx

- **Louis Laferriere**
- **(613) 237-6215 ext 247**
- **llaferriere@canadianchemistry.ca**