

TEAP III TERSP Standard Assessment

Summary	
TERSP company assessed:	Quantum Murray LP - Emergency Response Division
TERSP location:	100, 3600 Viking Way Richmond, BC V6V 1N6
TERSP location's area of coverage:	British Columbia
Date (yyyy-mm-dd) assessed:	2014-02-25
Assessors:	Team Leader - Ernie Wong, Principal, EW Compliance & Response Inc. Assessor - Jim Bird, Environment, Health & Safety Manager, Univar Canada Limited Assessor - Stéphane Johnson, Response Centre Manager, Great Lakes Region, ECRC
TERSP Representatives:	Patrick Knight, Regional Manager Andy Jeves, Operations Manager Derek Weicker, Team Leader - Maintenance
Opportunities for improvement:	<ul style="list-style-type: none"> Develop clear competency and frequency for all training modules. Enhance the system to improve tracking / record keeping of all training and correlation with the TEAP III TERSP Standard Training Matrix. Improve consistent use of the debrief section of the Emergency Response Management Workbook.
Best practices for sharing:	<ul style="list-style-type: none"> Equipment inspection tagging consistently used.
Recommendation for registration:	<p>Approved by TEAP III Editorial Board: 2014-03-13</p> <p>Next location assessment due: 2016-02</p>

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Capability Chart

Contact Details	TDG Class	Mode of Transport			Means of Containment	Stabilization ¹ (X, S, O, SO)	Mitigation ² (X, S, O, SO)	Remarks and Examples
		M	RR	R				
Company name: Quantum Murray LP Address: #100, 3600 Viking Way Richmond, BC V6V 1N6 Office • Telephone: 604.270.7388 • FAX: 604.270.7389 • Website: www.quantumgroup.com 24-hour Activation • Telephone: 1.877.378.7745 • Contact Position: On Call Team Leader Regional coverage from this location: British Columbia/ Yukon / NWT Is coverage outside this region available via this location? Yes [X] No [] Date: 2013-10-07 By Location Leader (name): Patrick Knight Position: Regional Manager	1	X	X	X	T/T, SC, IM	X	X	Explosive transfer License under the NRCAN. ERAP coverage for some Class 1.5 Transfer, Explosive emulations.
	2.1	X	X	X	T/T, T/C, c, IM	X	X	Transfer, flare, dilution. LPG, Difluoroethane. ERAP coverage for some class 2.1's
	2.2	X	X	X	c, IM	X	X	Dilution. ERAP Coverage for some class 2.2. Nitrous oxide, O ₂ , inert gases.
	2.3	X	X	X	T/T, T/C, c, IM	X	X	Transfer, dilution, absorption, capping. ERAP coverage for some class 2.3. Methyl Bromide, Phosphine, SO ₂ (Transfer and B,C kits), H ₂ S, Chlorine, A, B, C Kits NH ₃ transfer and Flaring
	3	X	X	X	T/T, T/C, SC, LC, IM	X	X	Transfer. ERAP coverage for some class 3. Carbon Disulphide, Gasoline, Diesel.
	4.1	X	X	X	T/T, T/C, SC, LC, IM	X	X	Magnesium, Aluminum Phosphide
	4.2	X	X	X	T/T, T/C, SC, LC, IM	X	X	Transfer. ERAP coverage for some class 4.2. Sodium Hydrosulphite.
	4.3	X	X	X	T/T, T/C, SC, LC, IM	X	X	Transfer. Calcium Carbide. Lithium
	5.1	X	X	X	T/T, T/C, SC, LC, c, IM	X	X	Hydrogen Peroxide
	5.2	X	X	X	T/T, T/C, SC, LC, IM	X	X	Transfer. Organic peroxide Type A & Type C
	6.1	X	X	X	T/T, T/C, SC, LC, c, IM	X	X	Transfer. Phenol, TDI, ERAP Coverage for some class 6.1, Sodium Cyanide
	6.2	X	X	X	SC	X	X	Medical Waste

Comment [TEAP III1]: TERSP: The possible abbreviations are: T/T = tank truck; T/C = tank car; c = cylinders, all sizes; SC = small means of containment < 450 litres; LC = large means of containment > 450 litres; IM = intermodal.

Comment [TEAP III2]: TERSP: Provide examples by UN number or shipping name.

Comment [TEAP III3]: TERSP: Within 6 hour travel time by road averaging 65 km/h.

Comment [TEAP III4]: TERSP: Means via TERSP(s) from other location(s).

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E-mail: pknight@qmlp.ca	7	X	X	X	SC, LC, IM	XS	XS	Transfer. Monitoring. ERAP Coverage for some class 7, uranium ore and UF6
	8	X	X	X	T/T, T/C, SC, LC, c, IM	X	X	Transfer. ERAP coverage for some class 8. H ₂ SO ₄ , Na ₂ OH, nitric acid, oleum, sodium hydroxide, HCl
	9	X	X	X	T/T, T/C, SC, LC, IM	X	X	Transfer. Temperature elevated substances. Asbestos
	Other	X	X	X	T/T, T/C, SC, LC, c, IM	X	X	Transfer. Petroleum based oils, glycol, sugar
	LEGEND: M - Marine; RR - Railway; R - Road; X - Performs operation in house; S - Sub-contracted; O - Resources from outside area of coverage; SO - Sub-contracted resources from outside area of coverage. 1. Stabilization includes operational activities directed towards ensuring the incident will not escalate by being able to detect, assess, stop and contain chemical leaks or spills (or potentials thereof) caused by a transportation incident involving dangerous or other goods. 2. Mitigation includes operational activities directed towards assessment and initial product recovery by means of product displacement. Product displacement includes, but is not limited to, neutralization, de-activation, repackaging or over packing, flaring or depressurization.							

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 1 – Management

1	Is there a <u>statement</u> of the TERSP's commitment addressing health, safety, and environment?	X		Outlined in Quantum's Environmental policy, Code of Conduct and Health and Safety policies. Refer to our Standard Operating Guidelines (SOG).	X		Viewed statement posted on each floor. Dated 2014-01 signed by CEO.
2	Has responsibility for the management and updating of the <i>TEAP III TERSP Standard Assessment (Capability Chart, TERSP comment and Emergency Response or Exercise Table)</i> been assigned and documented?	X		Regional Manager (Patrick Knight) manages and updates the TERSP assessment as outlined in our SOG.	X		Reviewed document on page 115 specific to TEAP III. Comment – SOG is managed through Ontario region and is changes are not readily made
3	Has the <i>TEAP III TERSP Standard Annual Update</i> been completed and submitted?	X		Last updated and submitted January 4, 2013	X		Viewed posting on TEAP3.ca website.
4	Have you <u>identified all legal requirements</u> pertaining to your transportation emergency response business? For example: TDG, WHMIS, CSA, manufacturers' recommendations,...	X		Quantum meets and exceeds all legal requirements associated with the running of its business. Quantum was voted one of the top 50 best managed companies in Canada.	X		Viewed records for: TDG; WHMIS; hose testing
5	Minimum insurance requirements:						
5a	Is the company in good standing with relevant federal, provincial, territorial workers' compensation authority?	X		Current letter of clearance available.	X		Viewed: Certificate of Recognition, COR #7721581120120220 RL & HL expires 2014-10-26; Worksafe BC certificate dated

Comment [TEAP III5]: TERSP: Provide proof of a full and positive statement of commitment to addressing issues of health, safety, and the environment.
Assessor: View policy statement and note date of issue and if signature is current.

Comment [TEAP III6]: TERSP: The individual with responsibility to manage and update the *TEAP III TERSP Standard Assessment* must be identified and available.
Assessor: View, note the document title.

Comment [TEAP III7]: TERSP: Complete the *TEAP III TERSP Standard Annual Update* (Capability Chart, Emergency Response and Exercise Table, and Change of Resources) and submit annually during non-assessment year to TEAP III (Director, Technical and Sustainable Logistics, CIAC, 805 – 350 Sparks Street, Ottawa, K1R 7S8).
Assessor: Review the *TEAP III TERSP Standard Annual Update* and note the date?

Comment [TEAP III8]: TERSP: Legal requirements means: TDG and referenced requirements under CSA (e.g. pressure hose test), CGSB (e.g. tank standards and certification) and so on; WHMIS; federal and provincial workplace labour codes; and commercial vehicle standards under National Safety Code or equivalent such as CVOR, SAAQ, etc., as well as equipment manufacturer's test and maintenance requirements.
Assessor: View, note document titles that support legal compliances.

Comment [TEAP III9]: TERSP: Obtain current certificate from relevant workers compensation authorities (not to exceed 12 months).
Assessor: View certificate and record date (check for expiration date).

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
						2014-01-21
5b	Public Liability and Property Damage, \$5 million?	X	Quantum holds greater than \$5 million coverage.	X		Viewed certificate dated 2013-04-26.
5c	Environmental, \$5 million?	X	Quantum holds greater than \$5 million coverage.	X		Viewed certificate dated 2013-04-26.
6	Is there a management system in place to notify affected clients of any change in capability and/or capacity?	X	Written and verbal communications as outline in SOG.	X		Viewed SOG paged 115, dated 2011-09-01
7	If your company has previously had a TEAP III TERSP Standard Assessment, was the Draft Report retained and produced for this assessment?	X	Draft report available.	X		Viewed Draft Report 2011-09-07

Comment [TEAP III10]: TERSP: Have copy of policy available - Certificate of Insurance
Assessor: View certificate(s) and record date(s).

Comment [TEAP III11]: TERSP: Have copy of policy available - Certificate of Insurance
Assessor: Verify certificate(s) and record date(s).

Comment [TEAP III12]: TERSP: Provide copies of submissions to affected clients prior to changes significant enough that capability and/or capacity to execute the planned response is questionable. For example, changes to: *Capability Chart*, management, activation telephone number, geographic coverage, essential or speciality or unique equipment, number of registered responders, written agreements with other TERSPs...
Assessor: If applicable, view and note date(s) of submission(s).

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	Yes	No		Yes	No	

Part 2 – Activation and Response

1a	Is there a 24-hour emergency response activation telephone number?	X		1.877.378.7745	X		Tested on 2014-02-24 at 2100 PST. Questions asked: name, company callback number, location commodity name then connected to Team Leader for the region. Elapsed time 6 minutes.
1b	Is there another 24-hour telephone number that can be used to activate a response?	X		1.866.333.6376	---	---	
2	Is there a documented activation protocol (flowchart or other) for coordinators and response personnel in the event of an emergency?	X		Outlined in Quantum's SOG.	X		Viewed activation protocol, SOG pages 1-3.
3	Does the TERSP use a form to record incident information?	X		Outlined in Quantum's SOG.	X		Reviewed for Initial Activation Report, page 4, which includes MSDS, ERAP #.
4	Which methods are used to access a current MSDS on a 24-hour basis:						
4a	Paper copy?		X		---	---	
4b	CANUTEC?	X		Team leaders and resource personnel have training on calling CANUTEC.	X		Team Leader identified call number to reach Canutec.
4c	Shipper/manufacture?	X		MSDS is requested at the time of activation from person requesting. MSDS from	X		Viewed Initial Activation Report that identifies requests for a

Comment [TEAP III13]: TERSP: State if there is a primary activation telephone number.
Assessor: Assessor will run a check on primary activation telephone number without prior warning. Assessor will record time of activation call and time of call back.

Comment [TEAP III14]: TERSP: State if there is a secondary number to the primary activation telephone number. For example: An office telephone number, telephone number with area code, two activation telephone numbers but at different locations and so on?
Assessor: There is no need to check or test the alternative telephone number.

Comment [TEAP III15]: TERSP: Document alerting process to activate response, ensure this is communicated to clients.
Assessor: View protocol (may include a call down list, flowchart, contact list), note title and date.

Comment [TEAP III16]: TERSP: Provide a copy of the basic form or checklist used to record details of each call received.
Assessor: View, note document title and last revision dates.

Comment [TEAP III17]: TERSP: You must have the ability to readily obtain a current MSDS for a material identified on your *Capability Chart*.
Assessor: View current MSDS selected from the *Remarks and Examples* column of the *Capability Chart*. Note method(s) demonstrated.

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
			clients are posted on-line.			MSDS.
4d		X		---	---	
4e	X		General web search, NIOSH Pocket Guide	---	---	
4f	X		Client provided CD's	---	---	
4g		X		---	---	
5	X		Generic response guidelines for all classes exist in Quantum's SOG's. Specific response guidelines exist for all ERAP products. Team Leaders and Technical Resource Personnel may contact Technical Advisors by phone for additional information.	X		Viewed generic SOG including the Emergency Response Management Workbook (ERMW) and Incident Support Documentation although not referenced in the index.
6	X		Team Leader and/or home base coordinator log all activities from the activation of a spill call.	X		Viewed the ERMW used for all chemical incidents.
7	What is the target mobilization time from receiving an initial activation call to rolling with response team and equipment for incidents requiring immediate response:					
7a	X		15 – 30 Min	X		Viewed report: 2013-07-06 departed <10 min.; 2013-06-25 departed <30 min.

Comment [TEAP III18]: TERSP: SOGs include pre-trip checklist, site safety plan, situation analysis, reconnaissance, damage assessment, static electricity control, transfer of pressure and low pressure commodities, flaring, disposal, decontamination, etc. List sources (e.g. ERG, AAR Guide, WISER, Disciplined Approach.)
Assessor: View, note titles of SOG's.

Comment [TEAP III19]: TERSP: Provide copies of incident(s) document(s) for TEAP III participants, include registered Team Leaders and team members.
Assessor: Review, note registered Team Leader(s) and team member(s), use of activation call report, response report, work order, job reports, photographs...

Comment [TEAP III20]: TERSP: Identify regular hours of business (e.g. 09h00 to 17h00)
Assessor: View, note date(s), time(s) to scene(s) and size of team(s) deployed.

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Question			TERSP		Assessed		Assessor Comment		
			Yes	No	Yes	No			
7b	Outside regular business hours?		X		30 – 90 Min		X		Viewed report: 2013-07-01 departed < 30 min.
8	Evaluation and debrief of responses:								
8a	How do you choose which responses to debrief?		SOG page 111 describes protocol			X			Viewed SOG, page 111 describes the protocol and debrief form is part of the ERMW.
8b	Does the debrief identify gaps and corrective actions?		X		Debrief and corrective actions are part of Quantum's Emergency Response Management Workbook.		X		Viewed completed forms: 2013-01-01; 2013-02-01
8c	Describe how corrective actions are tracked to completion.		Corrective actions are tasked to the appropriate individual with dates assigned for completion. At the assigned date the responsible manager will follow up to ensure proper completion.			X			Viewed corrective action log with cross-reference action item with incident or exercise.
9	Is the TEAP III TERSP Standard Performance Feedback submitted to TEAP III?		X		Performance forms will be submitted to TEAP III following any TEAP III client response.		---	---	
10	If you are listed in a client's ERAP, do you have a copy of the client's ERAP?		X		All ERAPs are accessible to responding team leaders who respond to an incident. Hard and soft copies are kept in the office.		X		Viewed copies of two ERAP.
11	How do you track updates of your client's ERAP?		Semi-annual written communication for coverage updates. Completed by Stoney Creek office.			X			Viewed current ERAP on-line dated 2013-12
12	If you are listed in another TERSP client's ERAP, do you have a copy of		X		All ERAPs are accessible to responding team leaders who		X		Viewed an ERAP

Comment [TEAP III21]: TERSP: Describe criteria (e.g. Client request, injury, duration, ERAP).
Assessor: If applicable, view and note dates.

Comment [TEAP III22]: TERSP: Provide debrief records of corrective actions required and taken.
Assessor: If applicable, view and note corrective action(s) identified and assigned.

Comment [TEAP III23]: TERSP: Provide documentation.
Assessor: View and note process (item, assignment, due date, status)

Comment [TEAP III24]: TERSP: State how many have been submitted.
Assessor: If applicable, view and note submission date(s).

Comment [TEAP III25]: TERSP: Must have a copy of each client's ERAP. If does not apply, indicate NA.
Assessor: If applicable, view and note ERAP(s) approval date(s).

Comment [TEAP III26]: TERSP: Must have a copy of each ERAP for which they have an agreement to respond on behalf of another TERSP. If does not apply, indicate NA.
Assessor: If applicable, view and note ERAP(s) approval date(s).

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
that client's ERAP?			respond to an incident. Hard and soft copies are kept in the office.			

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 3.1 – Resources: Contact list, third party resources and mutual aid

1	Are current contact lists available for:					
1a	Response coordinators?	X		List maintained by QMLP IT monthly and updated as required.	X	Viewed list on mobile devices that is automatically synchronized through Outlook.
1b	Team Leaders and team members?	X		List maintained by QMLP IT monthly and updated as required.	X	Viewed list on mobile devices that is automatically synchronized through Outlook.
1c	Clients?	X		All client contacts are reviewed semi-annually with client acceptance to ensure accuracy by completed by Ontario Region. The National Call Centre retains the updated contact information.	X	Team Leader contacted the National Call Centre, which identified primary and alternate contacts for a client.
1d	Government agencies?	X		The QMLP National Call Centre retains the updated contact information.	X	
2	Has a list of equipment resource services (e.g. vacuum trucks, heavy moving equipment) in TERSP response area been developed?	X		Reviewed annually ensure accuracy by completed by Ontario Region. The National Call Centre retains the updated contact information.	X	
3a	Describe any personnel or unique equipment outsourced?	X		Contracted explosive management group, contracted radiation safety and analytical group	X	

Comment [TEAP III27]: TERSP: Provide copies of contact lists that include access telephone numbers (including consideration of off-hours, weekends and vacations); designates should also be listed. List must be dated. Describe the system in place to ensure that the contact lists are maintained current.
Assessor: View, note last revision date and document title and location.

Comment [TEAP III28]: TERSP: Provide list of equipment resource support services.
Assessor: View, note last revision date.

Comment [TEAP III29]: TERSP: Provide a list of personnel or unique equipment for materials not listed in the *TEAP III TERSP Standard Essential and Specialty Equipment List*. For example, do you outsource for 150 lb cylinder coffin?
Assessor: View, note last revision date.

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		Yes	No	Yes	No	
3b	If yes, does a written agreement exist:	X		X		Viewed letter from Stuart Hunt (Class 7) dated 2009-02-02. Viewed agreement with Notra (Class 1) dated 2008-09-17.
4	Are written agreements established with other TERSPs for:					
4a	Coverage in your region?		X	---	---	
4b	Coverage outside your region?	X		X		Viewed agreements: RST dated 2010-06-01; Potter dated 2009-10-27
4c	You to support them in your region?	X		X		Viewed completed Subcontractor Verification of Capability to Respond dated 2014-01-14 for general use by CERCA members. Viewed signed agreement to support MD UN dated 2012-06- 15
5	Are these other TERSPs registered with TEAP III for:					
5a	Coverage in your region?		X	---	---	
5b	Coverage outside your region?	X		X		Viewed TERSP names on teap3.ca website
5c	You to support them in your region?	X		X		Viewed TERSP names on teap3.ca website

Comment [TEAP III30]: TERSP: If yes, provide the access protocol and agreement.
Assessor: View, note agreement date.

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 3.2 – Resources, Equipment and Materials

1	Is there equipment for communications between:					
1a	The Home Coordinator and the incident scene?	X		Smartphones, computer systems.	X	Viewed team leader phones
1b	Personnel at the incident scene?	X		Cellular, two way radios	X	Viewed two-way radios
2	Does the company meet the requirements of the <i>TEAP III TERSP Standard Essential and Specialty Equipment List</i> for:					
2a	Essential Equipment items at the location?	X		Quantum meets and exceeds the standard essential equipment list.	X	Viewed equipment that meet the essential requirements
2b	Specialty Equipment items at the location?	X		Quantum meets many of the requirements held on the specialized equipment list.	X	Viewed equipment that meets the stated Specialty Equipment list Viewed confirmed purchase order to replace A Kit gaskets recently expired October 2013
3	Does the list include equipment required to respond to all chemicals, modes of transport and means of containment identified in the Capability Chart?	X		Quantum holds all equipment required to service the products and means of containment outlined on our capability chart.	X	Viewed equipment that matches capability chart
4	Are programs in place for ensuring equipment meets applicable Canadian certification and registration requirements?	X		Quantum's equipment meets or exceeds all applicable Canadian certification and registration requirements.	X	Viewed maintenance records: Hose testing; Level A suits; Vehicle safety inspection stickers.

Comment [TEAP III31]: TERSP: Identify equipment and quantities available. Consider cell phones, satellite phones, intrinsically safe radios, portable radios...
Assessor: View, describe equipment and quantity viewed.

Comment [TEAP III32]: TERSP: All *Essential Equipment* must be at the location.
Assessor: View, note that all *Essential Equipment* is at the location.

Comment [TEAP III33]: TERSP: All claimed *Specialty Equipment* must be at the location.
Assessor: View, note that all claimed *Specialty Equipment* is at the location.

Comment [TEAP III34]: TERSP: Ensure you have equipment for all materials, modes of transport and means of containment for which you provide response.
Assessor: Select a few **Capability Chart** materials, view and note associated equipment.

Comment [TEAP III35]: TERSP: Examples are CSA; Transport Canada; provincial transportation, and so on. Provide records of approvals.
Assessor: View, note items and associated approval records and dates.

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 3.3 – Resources, Personnel

1	How many response personnel are trained to the <i>TEAP III TERSP Standard Training Matrix</i> :					
1a	TEAP III registered Team Leaders?	5	P. Knight, A. Jeves, J. McDonald, D. Weicker, E. Craig	X		Viewed records for D. Weicker and J. McDonald Verbal commitment: include frequency for every training module / item.
1b	TEAP III registered team members?	7	B. LeBreton, R. Grindrod, A. Allardyce, E. McGreggor, S. Bassett, G. Dollimore, C. Knight	X		Viewed records for B. LeBreton and C. Knight.
1c	Other Team Leaders?	3	P. Schnar, B. Cox, J. Lewis	---	---	
1d	Other team members?	15		---	---	
2	Is there a fit for duty program?	X	Sealed medical records for every active individual. Used by EMS if needed during an event. Medical monitoring completed for all Level A and B entries.	X		Viewed blank Medical History form.
3	Is there post-incident stress management program?	X	Outlined in Quantum's SOG	X		Viewed Incident Stress Management in SOG page 113

Comment [TEAP III36]: TERSP: A TEAP III registered Team Leader must be current on all requirements in the *TEAP III TERSP Standard Training Matrix*. Registered responders can be for only a single location and company. List all names (e.g. L. Laferriere).
Assessor: Review individual records for compliance with *TEAP III TERSP Standard Training Matrix*, note names as initial of first name and full last name (e.g. L. Laferriere).

Comment [TEAP III37]: TERSP: A TEAP III registered team member must be current on all requirements in the *TEAP III TERSP Standard Training Matrix*. Registered responders can be for only a single location and company. List all names (e.g. L. Laferriere).
Assessor: Review individual records for compliance with *TEAP III TERSP Standard Training Matrix*, note names as initial of first name and full last name (e.g. L. Laferriere).

Comment [TEAP III38]: TERSP: Describe the elements of your fit for duty program and frequency of re-assessments. Assessor: View program documentation, note document titles.

Comment [TEAP III39]: TERSP: Describe the elements of your post-incident stress management program. Assessor: View program documentation, note document titles.

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 4.1 – Preparedness, Training

1	Is the training program established in accordance with the <i>TEAP III TERSP Standard Training Matrix</i> ?	X		Quantum's training matrix meets and exceeds the requirements. Additional areas of training include Confined Space Entry/Rescue and Specialized product handling training.	X		Viewed QMLP Richmond training matrix meets TEAP III matrix.
2	Is training conducted using specialty equipment?	X		Training is given for all specialty and unique equipment with refresher frequencies established in the training matrix.	X		Viewed documentation of Chlorine training provided at client's location 2013-04-04. Verbal confirmation: establish frequency for any items not identified by YE 2014
3	Is the training content documented for each module?	X		A training summary outlining the content, objectives, tests and job performance evaluations are completed for each training module.	X		Reviewed modules for air monitoring and PPE: Verbal confirmation: develop competencies for each module
4	Are training records maintained for Team Leaders and team members for a minimum of three years?	X		Records are maintained in a computer system.	X		Viewed paper records for more 3 years.
5a	Is a railway dangerous goods response training course part of your training matrix?	X		All team leaders and many team members have received rail specific or equivalent training.	X		Viewed item identified on training matrix.
5b	If yes, which TEAP III registered Team Leaders and team members have attended training?	P. Knight, A. Jeyes, J. McDonald, D. Weicker, E. Craig, B. Lebreton, R. Grindrod, A. Allardyce, E. McGregor, S. Bassett, G. Dollimore, C. Knight			X		Viewed certificates D. Weicker, J. McDonald, B. LeBreton

Comment [TEAP III40]: TERSP: Describe your training program and how it exceeds the *TEAP III TERSP Standard Training Matrix*.
Assessor: Review TERSP's training matrix for enhancements (e.g. C Kit training, inhibitor injection, flaring...)

Comment [TEAP III41]: TERSP: Provide evidence of training on specialty equipment (e.g. SOG, PPE, detection equipment).
Assessor: Review two records, note subject areas (e.g. application of C Kit while wearing a Level A suit, simulated corrosive liquid tank truck transfer, LPG flaring).

Comment [TEAP III42]: TERSP: Provide documentation of training modules (objectives, course content, required resources, competency). Proof via external training certificates must be accompanied by course content.
Assessor: Review two internal training modules, note titles and list contents; review two external training certificates, note titles and source (e.g. RAC, AAR, Honeywell).

Comment [TEAP III43]: TERSP: Provide evidence of railway ER training (e.g. RAC, ERTC, JIBC, CN, CP Rail).
Assessor: Review, note titles and source.

Comment [TEAP III44]: TERSP: List names of those who have attended training.
Assessor: Review two records; note names, course titles and source (e.g. L. Laferriere, Tank Car Specialist, ERTC).

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Question	TERS		TERS Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 4.2 – Preparedness, Exercises

1	Have Team Leaders demonstrated competency for each SOG through training or equivalency granted for a response?	X		The content of Quantum's SOGs is covered in the training matrix completed over a 12 month period.	X		Viewed QMLP Richmond training matrix, which identifies Product Handling & Recovery. Verbal confirmation: each SOG will be listed in this in the training matrix.
2	Are exercise activities documented?	X		Attendance and course content documented	X		Viewed 2014-01-13 SO2 event but lacked documentation of the activities Viewed 2013-04-04 chlorine but did not have debrief.
3	Evaluation and debrief of exercises:						
3a	How do you choose which exercises to debrief?	All exercises are debriefed.				X	No documentation available
3b	Does the debrief identify gaps and corrective actions?	X		Yes, debrief and corrective actions are included in the Quantum workbook which is used for documentation in exercises as well as true events.	X		
3c	Describe how corrective actions are tracked to completion.	Corrective actions are tasked to the appropriate individual with dates assigned for completion. At the assigned date the responsible manager will follow up to ensure proper completion.			X		Viewed Corrective Action Log

Comment [TEAP III45]: TERSP: Team Leaders should be current in all applicable SOGs (e.g. Disciplined Approach, Safe Work Guidelines; bulk liquid transfer, flaring). Each equivalency for response granted must be noted in the individual's training file
Assessor: Review that Team Leaders are current on applicable SOGs, note names of those vetted.

Comment [TEAP III46]: TERSP: Provide copies of exercise document(s), include names of registered Team Leaders and team members, means of containment, material, hands on activity.
Assessor: Review, note elements (e.g. MOC, activity performed, participants).

Comment [TEAP III47]: TERSP: Describe criteria (e.g. Client request, injury, duration, ERAP).
Assessor: If applicable, view and note dates.

Comment [TEAP III48]: TERSP: Provide debrief records of corrective actions required and taken.
Assessor: If applicable, view and note corrective action(s) identified and assigned.

Comment [TEAP III49]: TERSP: Provide documentation.
Assessor: View and note process (item, assignment, due date, status).

TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 4.3 – Equipment Maintenance

1	Is a program established for equipment inspection, maintenance and testing?	X		Outlined in Quantum's SOG for all moving equipment and that requiring inspection by manufacturer or regulatory requirement. Program is described in the maintenance book for each type of equipment.	X		Viewed SOG page 114, which identifies frequency of inspection.
2	Are records kept of inspection, testing and maintenance for at least three years for:						
2a	TEAP III TERSP Essential and Specialty Equipment List, where applicable?	X		Records of inspection are maintained in books for each type of equipment.	X		Reviewed records for: One hose in test; Four Level A – test records for 3 years; Dräger 4-gas inspected monthly; Pump, acid – inspected monthly since 2011.
2b	Transportation equipment?	X		Maintenance book	X		Viewed records for Truck #610 and Trailer #0926

Comment [TEAP IIII50]: TERSP: Show evidence of an equipment testing and maintenance program that is in compliance with manufacturer recommendations or regulatory requirements.
Assessor: View program, note elements (e.g. equipment listing, inspection detail, frequency, e-system or paper-based).

Comment [TEAP IIII51]: TERSP: Maintain test, inspection and maintenance records that are relevant to materials on the *TEAP III TERSP Standard Essential and Specialty Equipment List*; (e.g. SCBA, Level A suits, transfer hoses, power generators, pumps, instrumentation, gas detector and calibration, gaskets).
Assessor: Review records, note items and frequencies (e.g. suit tests, hose test, generator inspection/test, gas detectors).

Comment [TEAP IIII52]: TERSP: Maintain test, inspection and maintenance records for vehicles.
Assessor: View, note motor vehicle safety certificates on or in vehicles, by identification number.

TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 5 – Hazardous Waste and Hazardous Recyclable Materials

1	Does the TERSP have a permit or certificate to:					
1a	Transport hazardous waste and/or hazardous recyclable materials?	X		QMLP holds a Waste Transport License in the Province of BC for all waste types and classes. LT1185	X	Viewed certificate expiry date 2014-05-18.
1b	Receive to dispose or recycle hazardous waste and/or hazardous recyclable materials?	X		Delta, RS 12106 Richmond, RS 16142 Williams Lake, MR 3277	X	Viewed certificate RS 16142 dated 201-04-28
2	Are any of the above performed by a sub-contractor?	X		QMLP uses various BC MOE licensed facilities throughout BC to dispose of Hazardous Waste	---	---

Comment [TEAP III53]: TERSP: Provide permit/certificate that identifies the class of hazardous waste and/or hazardous recyclable materials.
Assessor: View, note permit/certificate number and expiry date (where applicable).

Comment [TEAP III54]: TERSP: Provide permit/certificate that identifies the class of hazardous waste and/or hazardous recyclable materials.
Assessor: View, note permit/certificate number and expiry date (where applicable).

Comment [TEAP III55]: TERSP: Provide permit/certificate that identifies the class of hazardous waste and/or hazardous recyclable materials for sub-contractor(s).
Assessor: View, note permit/certificate number(s) and expiry date (where applicable).

Transportation Emergency Response Service Provider (TERSP) Optional Information

Part 6 – Marine Chemical Emergency Response *(optional and not part of TERSP Standard Assessment)*

Note: This section should be completed by those TERSPs that provide or wish to provide emergency response services in the marine mode specifically to vessels carrying or using hazardous materials (hazardous and noxious substances or “HNS”). Such response may be provided to bulk vessels, container vessels, barges, ferries, etc. while in berth, alongside, at sea or in transit.

		Yes	No	TERSP Comment
1	Does your company provide emergency response to marine HNS incidents in:			
1a	Deep sea operations?	X		QMLP responded to a deep sea vessel at an anchorage point after its Cargo broke loose in the ships hold. Damage assessment and radiation monitoring were conducted.
1b	Coastal operations?	X		QMLP will respond to vessels in coastal operations
1c	In port or while loading or unloading?	X		QMLP responded to two vessels recently alongside in Vancouver Port
2	What marine geographic areas do you cover?	X		Coastal British Columbia
3	Do you have specialized documented procedures for marine HNS emergency response?	X		International Maritime Dangerous Goods Code, IMO Guidelines for Packaging of Cargo Transport units, Intermodal Emergencies Guidelines and Procedures
4	Do you have boat(s) or other means for accessing vessels not at berth?	X		QMLP is a member of the Canadian Spill Response Corporation along with Western Canada Marine Response Corporation. We have access to WCMRC boats and vessels.

Comment [TEAP III56]: TERSP:
This is an optional part which you are free to complete or leave blank. There will be no assessment provided for this section.
Assessor: Do not check or question any information provided here.

Transportation Emergency Response Service Provider (TERSP) Optional Information

Part 7 – Community Involvement and Sustainability *(optional and not part of TERSP Assessment)*

		Yes	No	TERSP Comment
1	Who in your company has attended TEAP III Transportation Emergency Response Service Provider Standard training?	P. Knight, A. Jeves, D. Weicker, J. McDonald		
2a	Do you participate in TransCAER® outreach events?	X		Quantum Murray LP Richmond participate in BC TransCAER events and meetings
2b	If yes, how? Provide list of dates and activities for the past two years.			
3a	Do you belong and participate in a trade association such as CERCA, CIAC, CACD, RAC and/or other (describe other)?	X		Quantum Murray has three sites assessed under CERCA and one member sits on the operating committee. Quantum Murray LP is a supplier member with the CACD. Quantum Murray is a supplier member for RAC, QMLP is also a member of the British Columbia Environmental Industry Association and Chlorine Institute
3b	If yes, describe your involvement.	P. Knight is the current Treasurer of CERCA.		
4a	Do you belong or contribute to a local community enhancement program?	X		
4b	If yes, describe your involvement. NOTE: Do not include donations to local hockey team-sweater purchase fund or the like.	We are active members in many local CAER groups focusing on community awareness and emergency response. QMLP is also a member of the British Columbia Environmental Industry Association		

Comment [TEAP III57]: TERSP:
This is an optional part which you are free to complete or leave blank. There will be no assessment provided for this section. Assessor: Do not check or question any information provided here.

Comment [TEAP III58]: TERSP:
Identify by name (e.g. L. Laferriere) those who have attended.

Transportation Emergency Response Service Provider (TERSPP) Optional Information

5a	Do you have an environmental management system in place such as ISO 14001?		X	
5b	If yes, describe.			
6a	Do you have a "green initiative" in place?	X		
6b	If so, describe. Examples are vehicle emissions reduction, idling program, office paper recycling, controlling ER activity emissions such as dry connects, purge techniques, controlling run off...	Active recycling program for office waste. Active waste diversion/recycling/recovery during demolition operations		

TEAP III TERSP Standard Assessment

TERSP Emergency Response or Exercise Table (previous 12 months only)

Material		Response		Exercise			Assessor Comment
TDG Class	Shipping Name and UN Number	Date of last response (yyyy-mm-dd)	Registered Team Leader, last response (J. Doe)	Date (yyyy-mm-dd)	Registered Team Leader(s) (J. Doe)	Activity performed during exercise or response	Documentation viewed?
1							
2.1	Liquefied Natural Gas UN1972			2013-10-18	P. Knight A. Jeves J. McDonald D. Weicker	LNG Fundamentals, Transfer truck to truck, mobile Vaporizer use	
2.2							
2.3	UN1005 Anhydrous Ammonia Chlorine UN1017	2013-02-01	A. Jeves P. Knight	2013-04-04	P. Knight A. Jeves J. McDonald D. Weicker	Risk Assessment, Air Monitoring, Vented to atmosphere pipe system on barge 1 ton Cylinder live Transfer, A, B, C Capping Kit training	Viewed record of exercise
3	Tripropylene UN2057 Jet Fuel UN1863	2013-04-13 2013-07-26	A. Jeves J. McDonald P. Knight A. Jeves J. McDonald			Leaking Intermodal through bottom assembly, Bottom Flange assembly was tightened/ risk assessment, damage assessment Tanker of jet fuel transfer and river response and recovery	Viewed KB130053 report Viewed KB130165 report
4.1							
4.2	Xanthates UN3342	2013-05-31	P. Knight A. Jeves D. Weicker			Risk Assessment. product investigation, testing, clean up from drum	
4.3							

Comment [TEAP III160]: TERSP: Enter previous year data; an actual response that has been documented and debriefed could fulfil the exercise requirement. Remediation work does not qualify. Assessor: Review and verify reports, note titles and activities.

Comment [TEAP III159]: TERSP: Identify the means of containment and activities performed during the response or exercise with product or simulated products (e.g. Tank car plugging, drum over pack, tank truck transfer, cylinder capping, flaring/venting).

TEAP III TERSP Standard Assessment

TERSP Emergency Response or Exercise Table (previous 12 months only)

5.1	Nitrates Organic NOS UN1477	2013-09-04	J. McDonald			Bulk product on pallet, Damage assessment , re pkg and make safe for transport	
	Hydrogen Peroxide 70% UN2014	2012-11-19	P. Knight D. Weicker J. McDonald			Hydrogen Peroxide 70% transfer rail car to rail car	Viewed KB121437 report
5.2							
6.1	Toxic solids, organic, n.o.s. Triglycidyl Isocyanate UN2811	2013-10-19	P. Knight J. McDonald			Re Packaged broken bags in C-Can	
6.2	Bio-Hazard recovery UN2814	2013-03-15	A. Jeves J. McDonald D. Weicker			Ongoing needle sweeps at multiple locations	
7	Thorium UN2912	2012-12-18	P. Knight D. Weicker			Surveying, and packaging for transport and disposal	
8	Mercury UN2809	2013-06-25	P. Knight D. Weicker			Cleanup of Spill in Hospital setting, air monitor and decon	
9	Asbestos UN2590	2012-12-28	A. Jeves			Asbestos dump, clean up. Package and disposal	
Other	PCB Spill UN2315	2012-02-19	A. Jeves J. McDonald D. Weicker			Substation Transformer fire, Remediation and waste disposal	

Table data entered: 2014-02-25