EARG CAPITAL AND OPERATION SAFETY SERVICES

BC hydro

SAFETY MANAGEMENT AUDIT REPORT (SMAR)

Project &Contract #:	Mica 5/6 Temporary Ventilation RFP 534	Generation	
Contractor:	Crosstown Metals	Prime:	No
Contractor Rep:	Dave Wiebe		
Auditor:	Mark Raymer		
Construction Officer:	Greg Quinlan		
Location:	Mica Generating Station	Region	Columbia
Date:	March 19, 2011	Report #:	2

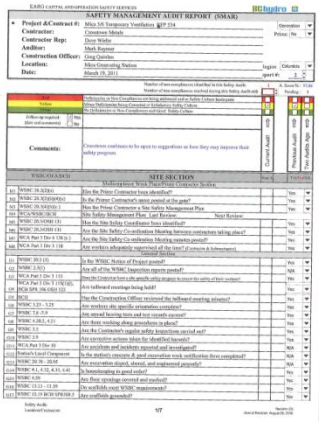
Number of non-compliances identified in this Safety Audit: 1 — A. Score % : 97.86

Number of non-compliances resolved during this Safety Audit: ⇨ 0 — Pending : 1

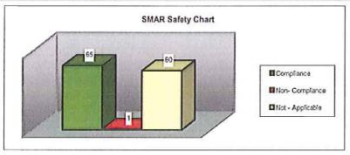
		Current Audit	Previous Audit	Two Audits Ago
Red	Deficiencies or Non Compliances not being addressed and or Safety Culture Inadequate			
Yellow	Minor Deficiencies being Corrected or Satisfactory Safety Culture	✓	✓	
Green	No Deficiencies or Non-Compliances and Good Safety Culture			

Follow-up required: (date and comments) ☑ Yes ☐ No

Comments: Crosstown continues to be open to suggestions as how they may improve their safety progrom.

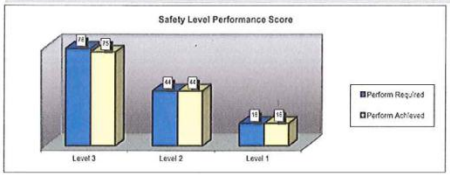


SMAR Safety Chart



Checked items in compliance	65
Checked items in non-compliance	1
Items that are not applicable	60
Number of non-compliance resolved during this Safety Audit	0
Number of non-compliance pending	1
Total Items Evaluated	126

SMAR Performance Score



Points Eval	140
Points Ach	137
Audit Sc	97.9 %
(Max Score 100%)	

Safety Audit:
Location/Contractor:

4/7

Revision (3)
Date of Revision: August 20, 2010

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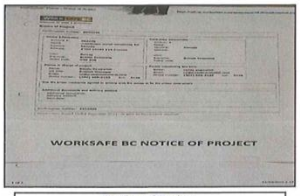
Site Pictures

Folders containing relevant safety information



Notice of Project

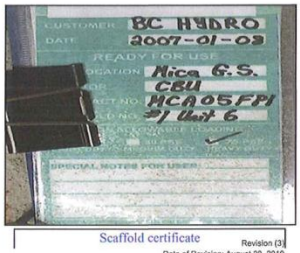
Crosstown's safety board

Rescue tripod available on scaffold

Worker tied off using double lanyard

Safety watcher at bottom of scaffold

Contractor's scissor lift at bottom of scaffold



Scaffold certificate

Safety Audit:
Location/Contractor:

5/7

Revision (3)
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Site Observations

Crosstown currently has a workforce of six including the superintendant and safety officer. They are installing the vertical sections of the 48: dia. HVAC ducting on the left wall of Unit 6.

No	Comments	Remedial Action Taken
109	Made recommendations on improvements to the contractor's rescue plan for work on the Unit 6 scaffolding.	Information only.
110	Crosstown were not following their rescue procedures for work on the Unit 6 scaffolding by not having the tripod brought down to one to one level above the work area.	The contractor is to ensure compliance with their safety procedures.
111	Crosstown has yet to conduct a practice drill for the rescue plan for work on the unit 6 scaffold.	The contractor is to ensure compliance with WSBC 4.19(3) Emergency Procedures *(3)At least once each year emergency drills must be held to ensure awareness and effectiveness of emergency exit routes and procedures, and a record of the drills must be kept.* Crosstown has scheduled a rescue practice for Monday, March 21st.
112	Crosstown is relying on Rosslan Safety to provide level 3 first aid coverage while their first aid is off site due to lack of lodging.	Information only.
113	Reminded the contractor that the hazard assessment for work within the air duct will need to be done by a qualified person. This is information only as Crosstown has not commenced work within the air duct.	Crosstown is to ensure compliance with WSBC 9.11 *9.11 Qualification (1) The hazard assessment and written confined space entry procedures must be prepared and kept by a qualified person who has adequate training and experience in the recognition, evaluation and control of confined space hazards, and (b) in consultation with the person assigned overall responsibility for administration of the confined space entry program and with the joint committee or the worker health and safety representative, as applicable. (2) For the purposes of subsection (1)(a) qualifications which are acceptable as evidence of adequate training and experience include (a) certified industrial hygienist (CIH), registered occupational hygienist (ROH), certified safety professional (CSP), Canadian registered safety professional (CRSP) or professional engineer (P. Eng.), provided that the holders of these qualifications have experience in the recognition, evaluation and control of confined space hazards, or (b) Repealed. [B.C. Reg. 243/2006, effective January 1, 2007.] (c) other combinations of education, training and experience acceptable to the Board*
114	Two first aids since previous audit. One for pulled muscle in the shoulder and the other for a small cut to the arm.	Information only.
115	The contractor's notice of project is posted.	This was noted

Signature:

Auditor: OHS	*Mark Raymer*
Contractor Rep: OH	*David Wiebe*
Construction Officer: OH	*Greg Quinlan*

E.d.: Project Manager	Brian Wong
Construction Manager	Greg Quinlan
Site Construction Officer	Greg Quinlan
Station/Area Manager	Morgan McLennan
Site OHS Specialist	David Turner / Don Neubeck
EARG Contractor Safety Manager SOR	Kent Thomson
EARG Project Safety Administrator	Lisa Lee McMillan

Safety Audit
Location/Contractor:

7/7

Revision (3)
Date of Revision: August 20, 2010