



WorkSafe Services Division
1 Portland Street, PO Box 160
Saint John, NB E2L 3X9
Toll-free 1 800 222-9775
Fax 506 738-4050
Web www.worksafenb.ca

Division des services de travail sécuritaire
1, rue Portland, case postale 160
Saint John, NB E2L 3X9
Sans frais 1 800 222-9775
Télécopieur 506 738-4050
Web www.travailsecuritairenb.ca

May 25, 2010

"The Employer"

Re: NBMA Article 96-105, subsection 50(1) & 50(2) of 96-105, Use of Diesel Engines Underground and Deviation request from - subsection 220(3) of Reg. 91-191, Requirements for Rollover Protective Structures

The Chief Compliance Officer is writing to acknowledge receipt of the employer's letter dated May 17, 2010, notifying the WorkSafeNB that the employer will be using the following diesel equipment underground:

Mine Equipment No: VL294
Name of Manufacturer:
Model: ST-8B (Reman)
Vehicle Type: Scooptram
Year: 2009
Serial No.: DA15PO460
Diesel Engine: D.I. X Turbo "Electronic"
Manufacturer: Detroit Diesel
Model No.: 6063EK32
Serial No.: 06RE125404
HP: 325
Cooling: Liquid
Scrubber Type: Catalyzed Particulate Filter CAT TRAP
Engine Certification No.: Canmet No 1007 MSHA 7E-BO48-0
Fuel Tank Capacity: 380 Litres
Hydraulic Fluid Capacity: 360 Litres
Fire Suppression System: Yes LT-101-A-30 (2 manual actuators, 8 nozzles)

The employer is requesting a deviation to subsection 220(3) of regulations 91-191, *Occupational Health and Safety Act* for the above-mentioned vehicle. The employer indicates that the employer has reviewed mining and tramming processes to which this vehicle will be repetitively exposed on the 850 m level, including access ramps, according to stipulations 1 and 2 of a letter dated July 23, 1997 from WHSCC. Stated operations are carried out in drifts where there are minimal grade differences and/or embankments.

The employer's request for a deviation is based on previous letters that have documented case studies that clearly illustrate that the addition of rollover protective structures on production equipment of this size is not physically possible. The vehicle design and application of this vehicle within the employer's premises poses no risk to rollover, thus the element of risk from rollover as a result of the mining process or drift design is minimal. Also, as per stipulation 3 of the aforementioned letter dated July 23, 1997, the employer has attached a copy of the Joint Health and Safety Committee's recommendation. This letter is signed by the joint co-chairs and indicates that the Joint Health and Safety Committee agrees with the deviation request and acknowledges the operating conditions and limitations in which this vehicle will be applied.

WorkSafe • Travail sécuritaire

Based on the information the employer has provided, a deviation from 220(3) is granted.

By copy of this letter, the Chief Compliance Officer has advised WorkSafeNB staff and the JHSC Co-chairs of the decision.

Yours truly,

Chief Compliance Officer