



FORKLIFT EMISSIONS: ARE YOU AWARE? DO YOU COMPLY?

New Metro Vancouver Regulation Bylaw Effective January 1, 2012

By Scott McLeod



Many people are not aware that as of January 1, 2012, Metro Vancouver has issued a new non-road diesel engine emission regulation bylaw No. 1161 targeting specific types of diesel engines.

Their objective is to reduce diesel emissions in the Metro Vancouver area which they believe will improve air quality and overall public health for those people living in the region.

Why should you pay attention to this new regulation bylaw?

If you operate non-road diesel engine equipment in the Metro Vancouver area, there may be yearly fees and fines for those that don't comply.

How Do You Know If The Regulation Bylaw Applies To You?

Essentially, the regulation is targeting anyone that owns or operates a non-road diesel engine in Metro Vancouver that is 25 HP (19 KW) or more.

The initial focus of the regulation is older

Tier 0 and Tier 1 diesel engines but it also limits the exhaust opacity (a measure of the amount of light obscured by the particulate matter or soot) and idling of non-road diesel engines in general.

On January 1, 2012, the new regulation bylaws are targeting Tier 0 rated diesel engines but on January 1, 2014, they will also be targeting engines classified as Tier 1. I would suggest that as the years go on, higher tier categories may also be targeted.

How Do You Know If Your Equipment Has A Tier 0 or Tier 1 Rated Engine?

Essentially it is up to you to determine, through the help of your equipment vendor and so on, which tier rating applies to the engine in the equipment you own or operate.

The regulation bylaw No. 1161 itself displays a chart illustrating which engines should be Tier 0, 1 and so on but this chart should only be used as a guide.

Tier 0 engines are older engines that do not have any emission controls. Tier 1 engines have slightly lower emissions through improved air and fuel delivery systems but they do not use more sophisticated emission controls found on newer Tier 2, 3 or 4 engines.

What Fees May Apply?

Annual fees are based on the horsepower

Applicable Non-Road Diesel Engine Categories

Forklifts	Backhoes
Excavators	Grinders
Generators	Welding Equipment
Graders	Skid Steers
Cranes	Compressors
Light Towers	Man Lifts

and tier rating of the diesel engine involved. In 2012, for example, a 60 horsepower tier 0 engine will have an annual fee of \$4.00 per horsepower times 60 horsepower or a total emissions fee of \$240 per year. With a fleet of old diesel forklifts, the fees can really add up. Maybe it's time to ask yourself the question... is now the right time to upgrade?

Areas Where The Regulations Do Not Apply

The new regulation bylaw does not apply to a diesel engine that operates with less than 25 HP, equipment used in agricultural operations while used on a farm, personal recreational machines, emergency generators or other stationary machines only used at times when there is an emergency.

continued on page 10

LELAND INDUSTRIES INC.

Leland Industries Inc. is pleased to announce the acquisition of **Canadian Threadall Limited** complete with all assets.

"Canadian Threadall Limited", a privately owned manufacturer, established in 1982 and located in Waterloo, Ontario is ISO 9001: 2008 certified and has a solid reputation for producing quality threaded products. Manufacturing from ferrous and non-ferrous metals, the company provides specialized threading, bending and forming services for the concrete forming, construction and automotive industries. Products include U-Bolts, Anchor Bolts and Threaded Rod; all of which complement Leland's existing fastener portfolio. "Canadian Threadall" will continue to operate independently of Leland Industries Inc., at their existing location. All contact information remains unchanged. Please continue to forward orders and inquiries to "Canadian Threadall".

Leland also recently acquired the bolt making equipment from Westland Steel Products Ltd., allowing the company to broaden its product offering with items including Hex Bolts in sizes to 7/8" x 6", Wheel Bolts, Hub, Plow, Tower, and Structural Bolts.

Leland Industries Inc., a leading North American fastener manufacturer, continues to grow and expand its offering of domestically made fastener products. Markets served

include the agricultural storage industries, the overhead door and dock producers, and commercial and industrial construction markets through O.E.M. and distributor sales.

CHALIFOUR CANADA



Chalifour Canada has announced the promotion of **Grant Harris** to the newly created position of National Logistics Manager.

In this new role he will be responsible for the complete transportation portfolio of Chalifour Canada. This will include managing transportation contracts, creating and ensuring compliance to national transportation policy, developing and implementing freight costing models and ensuring cost effective service programs.

Grant will report to Andrew Allen, Senior Vice President and will continue to act as Operations Manager in the Chalifour Vancouver warehouse.

BC TEEN CHALLENGE

BC Teen Challenge's Men's Centre in Chilliwack is currently embarking on a basement renovation to increase bed space and learning facilities.

BC Teen Challenge would like to thank the

many BSIA members who have assisted in this, and other similar projects.

To help finish this project they are still looking for a donation of the following materials.

- **Drywall**
1/2" - (20)8' (20)10' (16)12'
5/8" - (16) 8' (16)10'
- **Drywall mud and tape**
- **Track lighting**

BC Teen Challenge is a registered charity non-profit and can issue tax receipts for any donation.

To take part in this project, contact:

Lance Marais, BCTC Men's Centre
604.575.3930, TF: 1.888. 575.3930
lmarais@bcteenchallenge.com

BROCK WHITE CANADA COMPANY LLC



Brock White Canada Company LLC has acquired the assets of **Steels Industrial Products Ltd.**

As of August 1st the company will operate under the name Steels - A Division of Brock White Canada.

This transaction further expands Brock White's construction products distribution business into the fast growing British Columbia and Alberta markets.

continued on page 23

continued from page 9

What Do You Need To Do?

Listed below are the required steps to take if the new regulation bylaw applies to you.

1. Register online with engine serial number, engine year, engine manufacturer, maximum engine horsepower, machine type, machine manufacturer, machine model number and machine serial number.
2. Label your equipment properly per the regulation bylaw instructions.
3. Pay fees.

Owners and operators of all engines, regardless of tier type, must comply with the following.

1. Emission opacity limits.
2. Idling restrictions.

How Do You Register & Pay Fees?

You can find out much more information, fill in an online registration form and pay all fees by viewing Metro Vancouver's non-road diesel website as follows, www.metrovancouver.org/nonroadiesel.

As well, you can download a full colour brochure from their website which outlines in more detail how the new regulation bylaw will apply.

Please be aware that every effort has been made to interpret the new regulation bylaw as accurately as possible but it was not meant to replace it. In the event of a discrepancy between this article and the actual bylaw itself, the bylaw will prevail.

Scott McLeod, President of Fleetman Consulting Inc., is an independent forklift fleet management and procurement specialist that focuses on the needs of the end user. Fleetman Consulting Inc. supplies unbiased and independent advice to their clients as they are not affiliated with a forklift dealer or lift truck manufacturer. You can contact Scott directly by calling (604)614-3530 or via his website, www.fleetmanconsulting.com. ♦

