

WHAT IS A LARGE NON-ROAD ENGINE

A “non-road engine” is defined as being any engine with a power output greater than or equal to 37 kW that meets any of the following criteria:

- The engine is in a piece of equipment that is self-propelled or serves a dual purpose by both propelling itself and performing another function (haul trucks, off-highway mobile cranes, bulldozers, motor graders, etc.); or
- The engine is in a piece of equipment that is intended to be propelled while performing its function (lawnmowers and string trimmers); or
- The engine is portable or transportable by itself or in or on a piece of equipment, which means it is designated to be and capable of being carried or moved from one location to another (portable generators, mobile equipment).

All departments utilizing any equipment that meets the definition of a non-road engine shall comply with the policy guidelines.

GENERAL GUIDELINES

The purpose of this BMP is to ensure that the emission controls found on large non-road engines operations are not tampered with in any manner. The Federal Government has developed regulations governing the control of emissions from new and in-use large non-road engines. Adherence to the following guidelines will ensure Freeport-McMoRan Morenci Inc (Morenci) remains in compliance with these regulations.

For all equipment on Morenci property meeting the definition of a non-road engine the following guidelines shall be followed:

- No device(s) that reduce emission control effectiveness shall be installed on the engines.
- All non-road engines should have written instructions for the maintenance needed to assure proper functioning of the emission control system on file at the shops conducting the maintenance; the manufacturer must provide these instructions at the time of purchase.
- No person shall remove, tamper or render inoperative any portion of the emission controls.
- Only certified maintenance persons shall work on a non-road engine’s Electronic Control Module (ECM).



EMPLOYEE TRAINING

All personnel shall receive training or at the least have access to this Best Management Practice when dealing with large non-road engines on Morenci property.

Environmental Services will provide training to all supervisors and environmental coordinators. The Supervisor and/or Department Environmental Representative will provide training to the workforce.

All applicable employees must receive annual training and have access to this Best Management Practice.

QUESTIONS OR NEED HELP? CONTACT ENVIRONMENTAL SERVICES