

Department of Health & Safety Guidelines		GUIDELINES NO.	FCX - 07
		REVISION NO.	1
		SUPERSEDE	NAOMHS07/04-001
Property Entry – Surface Mines North America Operations		TASK CLASSIFICATION	<input type="checkbox"/> Highly Critical
			<input type="checkbox"/> Critical
			<input type="checkbox"/> Non-Critical
APPROVAL DATE – 03/07/2011	ORIGINAL DATE – 11/16/2009	RELEVANT SOPS –	

1. Purpose and Scope

The purpose of this property entry document is to provide guidance regarding the minimum training, personal protective equipment (PPE), and vehicle/equipment operation requirements when entering and traveling within the Freeport-McMoRan North American surface mine properties. This guidance document applies to all employees and contractors working/visiting the surface areas of “surface mining” operations.

2. Definitions

Contractor (Independent)

Per 30 CFR Part 45.2 (c) an independent contractor is "any person, partnership, corporation, subsidiary of a corporation, firm, association or other organization that contracts to perform services or construction at a mine."

Per 30 CFR Part 45.3 an independent contractor performing work at mine sites, or with contracts to perform at a mine(s) any of the nine types of services or construction listed below, are required by MSHA to have identification numbers:

1. Mine development, including shaft and slope sinking;
2. Construction or reconstruction of mine facilities; including building or rebuilding preparation plants and mining equipment, and building additions to existing facilities;
3. Demolition of mine facilities;
4. Construction of dams;
5. Excavation or earthmoving activities involving mobile equipment;
6. Equipment installation, such as crushers and mills;
7. Equipment service or repair of equipment on mine property for a period exceeding five consecutive days at a particular mine;
8. Material handling within mine property; including haulage of coal, ore, refuse, etc., unless for the sole purpose of direct removal from or delivery to mine property; and

9. Drilling and blasting.

Control Points Boundaries designated by the site.

Grade An obvious change in elevation.

3. Responsibilities

It is the responsibility of every person entering mine property to understand and comply with the requirements set forth.

Note: *(b) denotes requirement for entire property, (m) for mine area of the property*

4. Procedures

A. Signing In and Signing Out with Security (b)

All visitors (including FCX employees from other locations), vendors, and contractors will sign in and out with Security. The site must maintain an accurate log of non-employees on the property. Appointments will be confirmed by Security before an individual will be allowed to enter the property.

Prior to entering the mine site, personnel are required to show current proof that they have completed MSHA part 48 training, as applicable. Refer to the FCX Standard “MSHA Training Requirements for Contractors & Visitors”, available on the DOHS intranet site, for details on MSHA training requirements.

B. Pit Driver Training (m)

Pit driver training is required at all surface mine properties for all unescorted visitors, vendors, contractors, and employees when their travel is such that any haul truck traffic routes will be encountered.

C. Escort Required for Vendors/Contractors (b)

An escort will be required for persons untrained in pit driving and/or hazard recognition and for vehicles not properly equipped. An escort may also be required in processing areas depending on the destination.

D. Personal Vehicles (b)

1. Personal vehicles entering surface mine properties must have, at a minimum, the following properly functioning equipment:
 - headlights,
 - rear lights,
 - brakes,
 - rear brake lights, and
 - seat belts.

2. ATV/UTV operators must utilize the PPE specified in the operator's manual.
3. Motorcycle operators must wear DOT approved head gear.

E. Personal Protective Equipment (PPE) (b)

The following PPE requirements will be standard for all surface mine sites:

- Wherever safety glasses are required, they must be equipped with side shields – this requirement includes prescription safety glasses.
- Reflective vests must be worn by all personnel when outside a vehicle in production areas or near roadways where vehicles or equipment may be in motion.

G. Buggy Whips (m)

Buggy whips shall be a minimum of 12 feet in height measured from the ground and are required on all light vehicles that travel in the mine area. They must have a brightly colored (orange with reflective stripes) flag. Lights and whips will be made available at the gates for contractors and vendors that enter the mine areas.

Some sites may require buggy whips in the processing areas if large equipment interacts with small vehicle traffic.

H. Properly Equipped Vehicle for Pit Driving (m)

Vehicles entering the mine must be properly equipped with a radio with appropriate channels once inside the designated control point. A buggy whip with the light on is required at all times when entering the pit.

I. Flashing Lights for Pit Entry (m)

FCX properties have adopted the following color assignments for flashing lights on vehicles:

- Blue – do not pass without direct verbal permission to do so.
- Amber – caution used for disabled equipment. This is also required for man vans.
- Red – do not pass at any time. This applies to blasting and emergency vehicles.

J. Wheel Chocks (b)

Mobile equipment will not be left unattended unless the controls are placed in the park position and the parking brake, if provided, is set. When parked on a grade, the wheels or tracks of mobile equipment will be either chocked or turned into a bank. Vehicles rated at one ton and above will have the wheels chocked and the brake set any time they are parked. Ditches or windrows may be used in lieu of wheel chocks.

K. Horn Signals for Movement of Equipment (b)

All vehicles will be equipped with a back up alarm or will use the horn to signal when backing up as follows:

- One blast – start
- Two blast – move forward
- Three blast – move in reverse

Blasting patterns may be exempt due to the congested but controlled environment.

L. Headlight Usage (b)

Vehicles will be operated with their headlights on at all times.

M. Left Hand Traffic (m)

Large haul trucks utilized in the mine areas have an extremely large “blind area” to the front and right side of their vehicle. Placing these haulage trucks on the left side of the road, not only separates the operator’s cabs, it places the driver on the edge of the road where there is better visibility. Left hand traffic is required on all sites in the mine areas. This requirement is optional in other parts of the property (i.e., processing areas) depended upon interaction with mine traffic.

N. Records

MSHA Form 5000-23
Certificate of Hazard Training
Pit Driver Training Certificate or alternate record of completion