

FCX Department of Occupational Health and Safety	SOP #	FCX-19
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	Supersedes	
Flagging and Barricading Guideline	Task Risk	X High
		Medium
		Low
		NA
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1.0 Purpose

<p>Purpose</p>	<p>Provide guidelines for flagging and barricading for hazardous environments. These guidelines do not preclude the use and compliance of regulatory requirements.</p> <p>This guideline is not intended to restrict the use of other flagging that may be used for non-safety purposes such as surveying, environmental flagging or for promotional purposes.</p>
<p>Scope</p>	<p>These guidelines are for use at all Freeport-McMoRan employees and contractors.</p>
<p>General Information</p>	<p>Flagging is used as a warning to indicate that a hazard or unsafe condition exists. Flagging alone is not sufficient where there is a potential for falls or other hazards.</p> <p>Barricading is used to physically prevent access to significant hazards and must be installed when falls or other serious hazards exist.</p>

2.0 Procedures

2.1 Flagging

Flagging (barricade tape) should be used to warn persons of unsafe conditions and to demarcate the boundaries of hazardous areas. Red and yellow flagging may be used as specified below to denote safety hazards.

Note: This policy is not intended to restrict the use of other flagging that may be used for non-safety purposes such as surveying, environmental flagging or for promotional purposes.

Red Danger Flagging Red flagging is used to identify workplace openings where a fall potential exists and/or where an immediate danger may be present and to warn individuals that special precautions are necessary.

No one is to enter a **RED flagged** area except individuals who are properly protected against falls and/or other hazards and has been authorized by their supervisor for:

- Work activities in the flagged off area
- Work directly related to removing the hazard

Yellow Caution Yellow flagging is used to identify a minor hazard situation where non-

Flagging immediate, potential hazards exist from low energy sources (no fall hazards). Suitable for instances where the main control is for personnel to be aware of the hazard for example trip hazards, spills and leaks.

Do not enter a **YELLOW flagged** area, unless business needs to be done (work in progress) that cannot be conducted elsewhere.

If entering a yellow flagged area, individuals must:	Familiarize themselves with the hazards written on the tag
	Proceed with caution once they are aware of the hazards and/or work in progress

Removal of Flagging Prior to removal of flagging or barricading, the following site pre-release inspection shall take place:

- Ensure all work associated with the exposure is complete
- Attendant and personnel with proper fall protection are to re-install grating, handrails and/or cover floor openings prior to removing flagging and/or barricading
- Remove tagging and ensure the work area is safe for re-entry

2.2 Barricading

Barricading such, as portable handrails or wire rope, must be used when permanent handrails and/or grating have been removed, when other openings have been exposed in the workplace resulting in a fall hazard, or to enclose a hazardous areas and must meet the following criteria.

Hazard Areas These hazard areas have specific criteria for barricading:

Open-sided floors, platforms or wall openings

Every open-sided floor or platform where a fall hazard exists that could result in injury, shall be guarded by a standard railing on all open sides except where there is entrance to a ramp, stairway, or fixed ladder. A toe-board will be included if beneath the open sides, persons can pass, there is moving machinery, or there is equipment with which falling materials could create a hazard.

Overhead hazards

Where there is a danger from employees working overhead or where employees could be in danger of falling materials, proper flagging, and barricades and/or flag persons may be required.

Floor Openings

An opening measuring 12 inches or more in its least dimension, in any floor,

walkway or platform, through which persons may fall to a lower level shall be covered with appropriate material or otherwise barricaded in such a way that impedes travel into the area.

Ladder-ways

Passage through railings will either be provide with a swinging gate, chains or so offset that a person cannot walk directly into the opening.

Removal of Barricading

Prior to removal of flagging or barricading, the following site pre-release inspection shall take place:

- Ensure all work associated with the exposure is complete
- Attendant and personnel with proper fall protection are to re-install grating, handrails and/or cover floor openings prior to removing flagging and/or barricading
- Remove tagging and ensure the work area is safe for re-entry

Fall Prevention Requirements

Barricading for fall prevention must be capable of withstanding 200 pounds of force and meeting minimum requirements for handrail, mid-rail and a toe board.

2.3 Open Hole

Grating or handrail removal requires extra safety precautions as outlined the **Open-Hole Policy (FCX-01)**.

Altered Platform

When a safe work platform has been altered, creating a fall hazard, barricading, red danger flagging, and tagging that displays the nature of the hazard and protective action is required.

Permit Requirements

An Open Hole Permit as outlined in the **Open-Hole Policy (FCX-01)** is also required before creating any open hole.

3.0 Definitions

Flagging and Barricading Definitions

Barricading

A handrail with a toe-board that meets regulatory regulations. Barricading may be of a temporary or permanent nature

Note: flagging shall not be used as barricading

Floor Opening (horizontal)

An opening measuring 12 inches or more in its least dimension, in any floor, walkway or platform, through which persons may fall to a lower level.

Wall Opening (vertical)	A gap or void 30 inches or more high and 18 inches or more wide, in a wall, partition, or handrail, through which a person can fall to a lower level.
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Qualified Person	An experienced individual who has received fall protection training, understands the hazards associated with work around workplace openings, and exhibits strong safety awareness skills
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4.0 References

References	<p>FCX – Open-hole Policy</p> <p>FCX – Working at Heights Policy</p> <p>FCX – Records Retention Policy</p>
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5.0 Records

The following records must be retained according to the FCX Records Retention Policy	<ul style="list-style-type: none"> • Employee Training Records • Annual program review
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6.0 Revision History

2009 Rev 1	Initial Release (as part of the Open-hole guideline.
2013 Rev 2	Removed from Open-hole to make stand-alone guideline Updated to new formatting.
