

Freeport-McMoRan Blue Stake Permit

Date issued: _____ Expiration Date: _____

Requester: _____ Phone: _____

Division/Department: _____ Location: _____

Short Description of the Project:

Permit issued by (print name): _____ Signature _____

THE REQUESTER IS RESPONSIBLE FOR ALL PROPERLY COMPLETED PERMITS NEEDED TO SAFELY COMPLETE JOB.

Detailed Scope of Work (use added sheet if needed):
Cautions/Markings
Site Visit Schedule

	Check one	YES	NO
Is this excavation for a new installation?			
Is this excavation to repair an existing buried line?			
Is a site investigation required?			
Do outside utilities need to be contacted?			
Are copies of applicable drawings and prints attached?			
Is a Confined Space Entry Permit Required? (If yes, attach signed copy) To be determined by Requestor			
Is a Hot Work Permit Required? (If yes, attach signed copy) To be determined by Requestor			
Is a LOTOTO procedure required?			

Approval	Name	Signature	Date
Project Supervisor			
Responsible Area Supervisor			
Supervisor of equipment operator			
Equipment Operator(s)			
Contractor Representative			
Others:			
Freeport-McMoRan Blue Stake Representative			

Underground Utility Requirements

These specifications apply to all repaired, rerouted and newly installed underground utilities. (Note: A Blue Stake Team member may waive the requirement for these standards. Explain below)

UG Requirements shall be completed by the persons installing the line unless otherwise specified by Requestor:
Location:
Type of Utility to be Installed:

Circle items that must be accomplished to complete this job:

1. Survey: Location by Surveyor for mapping and future location references.
2. Visual markers for Buried Utilities
 - Buried or covered pipelines running along or under a roadway may require visible pipe location markers at the time of installation.
 - Pipe location markers may consist of 4" HDPE, or commercial markers. Markers will be approximately 10' tall in large equipment traffic areas.
 - Enter and exit points for buried lines under roadways shall be at least 6 ft. outside designated roadway to allow for required depth under roadway.
3. Tracer wire installation
 - All new U.G. utilities must have a tracer wire buried with utility line during installation.
 - Tracer wire must be an 18 gauge or greater insulated wire.
 - If a tracer wire must be spliced, the splice must assure an uninterrupted circuit along the entire length of the tracer wire. The wire must be properly insulated from the ground by being wrapped or sealed to make it water tight.
 - Tracer wire shall extend at least three feet beyond the exit point of line and be attached vertically, to the pipe location marker, or the utility line itself, if exposed, to assure future accessibility.
4. Underground Caution tapes (Caution tapes may be normal flagging tape unless otherwise specified)
 - All gas lines will have yellow caution tape laid in three inches of sand, twelve inches above line.
 - All communication/fiber optic lines will have an orange caution tape twelve inches above line.
 - Buried acid lines will have yellow caution tape installed twelve inches above line.
5. Depth requirements: Specific burial depths according to the pipe diameter may be obtained from the Mine or Plant Engineering Department
 - Three feet from top of pipe for normal vehicular traffic and six to eight foot from top of pipe for heavy equipment or haul truck traffic.
 - Gas lines must have a minimum of 28" of fill from top of pipe to grade
 - Communications cables shall be a minimum of 28" of fill from cable to grade.
 - Gas lines and communication /fiber optic lines will be bedded within 12 inches of washed sand, or other approved fines material.
6. All UG electrical installations are to be encased in red dyed concrete and a red 6" foil backed caution tape will be installed above the installation according to the specific site instructions. For instruction on any buried electrical lines, contact an Electrical Engineer in the Plant Engineering Dept.
 - *PLEASE NOTE:
Please be advised that these specifications do not alleviate compliance with any State, Federal or site specific regulations. If minimum requirements cannot be met, clear with a Blue Stake team member.

All excavations for underground utility installations/repairs must be left open until line has been inspected and located (which may include activation of line). This form must be signed by a Surveyor from Plant Engineering, Mine Engineering, or a Blue Stake Team member before excavation is covered.	
Specifications meet:	Date: