

Appendix 13.6-G Orica Suggested Best Loading Practices

Orica - Suggested Best Loading Practices

Fortan/Fortel

Ensure that adequate preparation has been done on blast area before staking/drilling Stage delivery unit such that it can reach the blast holes.

(Delivery unit needs to be situated at the bore hole to enable lowering the loading hose)

Orica delivery units are inspected for leaks or potential problems each day before use.

Any spillage occurring during the loading process is contained and cleaned up before travelling to blast area.

-Loading hose on delivery truck should be saddled with the end of hose in catch bucket when travelling, moving between holes, or when waiting on drills.

-When loading emulsion products, the hose needs to be lowered to the bottom of the hole before starting the pump, and slowly raised with the column rise, to avoid water being entrained into the explosive product.

-No holes being loaded with emulsion should be top loaded, as this can affect the sensitization of the product, and poses a risk of water irrigation into the explosive's column.

-Booster should be pulled up approx. 1 meter. through the product, from the bottom of the bore hole to ensure that the booster is fully encased in the explosive's column.

-Double priming is recommended for deeper bore holes.

-Place hose end in catch bucket before moving delivery unit to the next hole.

When loading is complete, blow down the loading hose to clear product.

Blow down should only be done down the bore hole, at the blaster's direction.

-Place hose end in catch bucket when not actively loading holes.

Orica - Suggested Best loading practices Amex Bulk (AN/FO)

Ensure that adequate preparation has been done on blast area before staking/drilling Stage delivery unit such that it can reach the blast holes easily.

Orica delivery units are inspected for leaks or potential problems each day before use.

Any spillage occurring during the loading process is contained and cleaned up before travelling to blast area.

- Place a small catchment bucket under suspended loading snorkel.

- Lift auger from cradle and position over snorkel. Fasten snorkel to auger with chain attachments.

- Swing auger out to loading position over bore hole. Empty catch bucket down hole and place back on truck.

- Load hole as required.

- NOTE* If water is detected in bore holes they must be dewatered and a liner used.

Double priming is suggested to ensure complete detonation of a lined hole.

- Have the blaster beat on the snorkel tube to loosen any residual product that may have adhered to the snorkel wall.

- Move delivery unit to next hole to be loaded.

(NOTE* On rough ground, have the blaster steady the snorkel when the truck is moving)

When loading operation is complete:

- Place catchment bucket below snorkel cradle.

- Swing auger in to position to cradle the snorkel.

- Tap firmly on the snorkel tube to remove any residual product into catch bucket.

- Secure the snorkel and disconnect the attachment chain.

- Lift and swing the auger to the cradle position for travel.

- Empty catch bucket into bore hole as designated by the blaster in charge.

- Place catch bucket under the suspended snorkel whenever truck is parked.