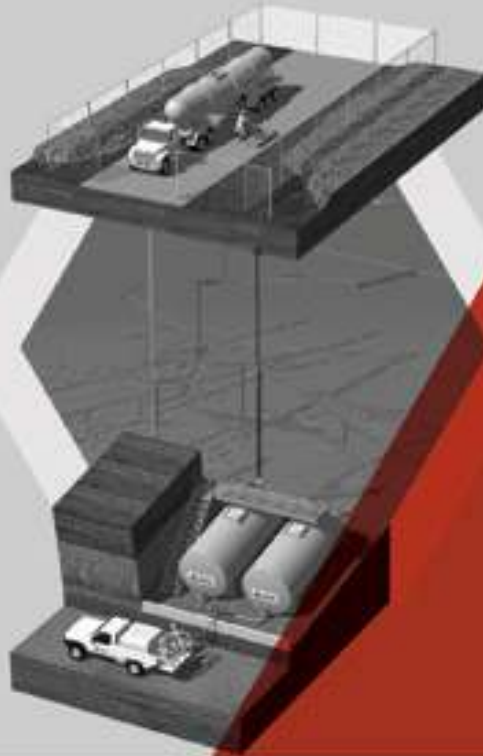


Vertical Pipeline for Emulsion Explosives



PRODUCT DESCRIPTION

BME has designed a vertical pipeline system for the bulk transportation of non-sensitised base emulsion explosives from the surface to the underground workings of a mine. The system enables BME's INNOVEX™ UG (Megapump) Lateral to be moved closer to the area where it is required, thus freeing up valuable shaft time. Emulsion can be stored on the surface and/or in the underground working of the mine.

PRODUCT FEATURES

FEATURES

- BME's vertical pump line system is a simple design and can be adapted to suit mining conditions
- Electronic monitoring of the system allows for the capturing of all relevant data and information
- Bulk storage has been optimised to suit the road tankers in use and the time taken for the transfer of the emulsion
- In most cases a steel pipeline is used for the vertical transportation of the emulsion. The option to pipe the sensitiser in the same borehole is available

BENEFITS

- Time taken to fill up charging units is greatly reduced, as well as the travelling time to the underground emulsion filling station
- Underground emulsion refilling stations can also be used to optimise the output of the charging units and reduce the number of mobile units in use
- Utilisation rates of mobile equipment are improved in instances of decline shafts, where the charging unit is required to drive out from the underground working area to the surface silo area to refill

