





Eclipse3K - Configuration: 917244 - Version: 19.0.1.0 AE Setup Alarms On Screen AGS ю Stopped - Ready HYD OK EM Tank PTO Tank Vents Jan 11 2019 10:56:42 AM Ingredient Totals Options EM Temp Mono Pres Hose Pres EM Tank Lvi Emulsion 1 PSI 1 PSI 18.8 % 24.0 °C Desired Hvd Oil Temp 42.540 lbs 18.869 lbs Water Flus Burkert Pres Trace 2 Pres HR Retract OFF 0 PSI 6 PSI 22.3 °C OFF N17 DAGS Statu Desired Actual Final Cup Density: 1.10 g/cc 975 lbs 210 lbs Segment Acid: 0.00 % NL3 3 of 3 Nitrate: 0.00 % Desired 750 lbs 130 lbs Data Collection Load Information Top Load Bore Hole ID None Height Weight Desired 0 lbs 0.0 ft None 536 lbs 3 810 lbs Shot # Middle Load 12564 Water Injection Control Desired: 3.00 % Height Weight None Invoice # 0.0 ft 0 lbs << < Slower Faster > None B1267 Bottom Load Pattern ID Height Weight Dia.: 1 in @ 33.0 lbs/ft Z8890 -1 lbs 0.0 ft Titan XL1000 Truck Pit ID ALPHA Delivered Weigh Total Produc Ttl Column Ht Total Canacity Total Delivered Mine ID Stem Height Collar Ht Amount TRADESTA -1,201 lbs 0.0 ft 0.0 ft 36.4 ft 48.075 lbs 19.746 lbs

Screen

 ΔE^2 is an easy to use system that utilizes data from drills or other sources that characterize rock properties to allow targeted placement of energy in the blast hole. ΔE^2 allows mine blasting load plans to be sent directly to the loading equipment to help ensure boreholes are loaded as designed.

ΔE² Features

- Easily integrated into any DIFFERENTIAL ENERGYTM **Bulk Emulsion Truck**
- Captures accurate information about the loading of each hole in the shot
- Allows explosives energy to be accurately placed where needed in the blast hole
- Allows fine tuning of powder factors for the shot or even unique holes in a shot
- Loading profile feature

ΔE² Benefits

- Improves operator efficiency by simplifying the loading process
- Accurate information captured can be used as part of the shot reporting process
- Accurately placed energy can reduce oversize and/or fines as required
- Gives control of the loading process back to the engineer or blaster through easy to use software that sends loading instructions directly to the loading equipment
- Loading profiles allow a specific loading scenario to be created and used many times to speed up design

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