

DIMETIX APPLICATION EXAMPLE

AE-0601

LIFTING OF MINING EQUIPMENT

Industry : Mining
Application type : Position measurement / Monitoring

Brief description



Pic 1: Lifting of heavy equipment

Maintenance of large machines in surface mining requires precise planned work. If a heavy structure needs to be lifted, the lifting process must be controlled at all times. With the Dimetix laser sensors the position of the lifted structure is measured at different locations to ensure the structure is always in upright position.

Lampson Australia specialise in heavy lift and transport projects and also provide the associated support services of servicing, maintenance, engineering and rigging design.

Internationally, Lampson has won the prestigious award for excellence in lifting and transportation six times so far from the "Specialized Carrier and Rigging Association" (SCRA), with work

completed by Lampson Australia taking this award on two occasions.

Customers advantages

- Non-contact visible eye-safe laser measurement
- Precision up to +/-1mm
- Plenty of measurement range means that lasers do not have to be adjusted for various machine sizes
- Measurements can be acquired by a PLC or PC
- Maintenance free application– no moving parts to wear or string cables to break
- Economical, rugged , and compact package
- Extended temperature range



Pic 2: Lifting of heavy equipment

Please click press [here](#) for additional information about products or applications

