

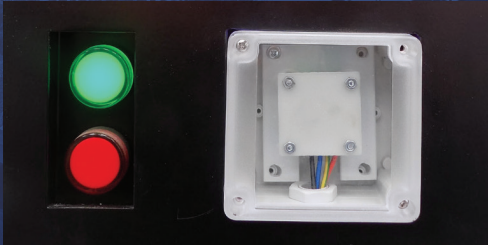


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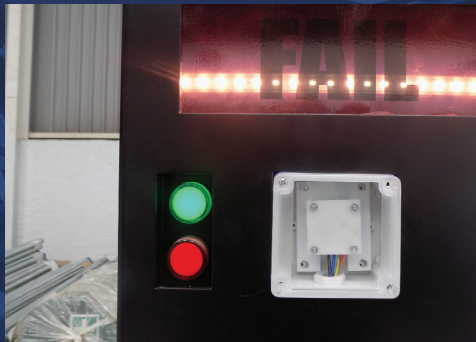
INSTRUMENT AND MINING SERVICES PTY LTD

PROP R HADEN INSTRUMENT SERVICES PTY LTD

Custom Panels with Lux Sensors (IP65) SABS
Approval certificate number:2330HE011



(9 x Lux Sensor Software Application linked to vehicle
numbers / Downloads via USB or Ethernet)



Data Acquisition Unit – Touch Screen User interface
complete with data logging ability /historical data storage
(basic user-friendly).

Vehicle Illumination

Vehicle Illumination & Verification Systems & products

Basic Configuration System Setup:

As a standard vehicle lights should as a minimum provide 10 lux over a 20m distance. Standard mine practice requires that these readings be taken and recorded quarterly. BarNel designed and developed a Vehicle Lux Verification System that would do these readings, record them and be able to download the information date stamped and with a vehicle ID.

We have added additional LED indicators to each of the lux sensor modules for the vehicle operator to visually confirm whether the vehicle lights are parallel to the panel, this will greatly assist in the correct orientation of the vehicle. The mine to assist with the civil work and the 20m demarcation.

The system will be activated by the vehicle operator at the 20m area, either by the manual or automatic input, once our system receives this command ID the actual lux testing will commence, this will be confirmed by an amber light – START, once the test has been completed the system will give either a green light – PASS, or a red light – FAIL indication.

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INNOVATING TOWARDS
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