

Solar Powered Monitoring and Control Device



Customer: BHP Billiton
Description of Project: Flow Monitoring Station

Amcontrol WA built a robust Flow Monitoring Station with Solar Power capabilities suitable for remote location usage. This included:

- A review of customer's requirements and specifications to provide a customised solution
- Inspection of the Station's steel Rittal Enclosure for damage and to confirm enclosure met BHP's specifications
- Removal of the mounting plate from the enclosure to assess and repair electrical equipment supply in accordance to BHP's requirements
- Complete wiring of all equipment to customer specifications
- Fitting enclosure components to skid with anti vibration mounts
- Providing labelling and "low flow indication" lamps
- Incorporating the use of 90 W Solar Panels and supporting material; solar batteries 12 VDC 100 Ah; solar regulator 24 VDC, 10A, and RFI Sunsaver
- Fitting a Control Panel Temperature Transmitter, earth bar 12 hole brass with insulated standoff
- Fitting a battery enclosure to the skid using anti vibration mounts

The stations were pre-assembled and tested at the Amcontrol Kewdale, WA site then dispatched to the customers remote site location at their Whaleback Newman site in the Pilbara region, WA

For further technical information or application assistance, call Amcontrol on +61 89227 0544 or email service@ampcontrolgroup.com



POWER THROUGH INNOVATION

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