

FIRE PUMP PACKAGE

Project description

At the request of a valued client Pentair designed and supplied a fire pump package for an Iron Ore mine in Western Australia. The fire pump package was designed to comply to AS2941-2013 and consists of two fire pumps (one driven by an electric motor and the other by a diesel engine) and a vertical multi stage jockey pump all housed inside a new 20 foot shipping container. The package includes valves, manifolds and pipework, fuel tank and the required equipment to control the system.



Pentair products

- 1 x ISO Pro 80x50-250 pump directly coupled to a 37kW mine spec electric motor
- 1 x ISO Pro 80x50-250 pump directly coupled to a 56kW diesel engine with custom enclosure to achieve 85 dba noise level

The above ISO Pro pumps were supplied with performance curve flow test certification to AS2417 grade 2, single diamond seals and constructed of cast iron casings, 316 stainless steel impellers and bronze wear rings.

- 1 x SBI 3-15T vertical multistage pump directly coupled to a 1.1kW mine spec electric motor.