

D&R Screen Media, Feed End Upgrade

Region: Australia

Technology Groups: Screening Media

Companies: Multotec Australia

- Overhaul of D&R screening plant

Background:

Our client required a complete drain and rinse (D&R) plant upgrade, with the majority of D&R equipment having been in operation for over 30 years.

Multotec's solution:

Multotec supplied all new D&R screen feed ends including feedbox and chutes, sieve bends, screen media and spray nozzles.

On commissioning, site was concerned with the number of leaks occurring around the sieve bend footprint. To resolve this issue, Multotec installed customised rubber curtains and HDPE capping, delivering a reliable and cost-effective solution for our client.

Key Project Outcomes

- ◆ Innovative, cost-effective design
- ◆ Increased wear life
- ◆ Less maintenance-related downtime
- ◆ Greater plant availability
- ◆ Reduced consumable spending



The rubber curtains and HDPE capping introduced on the sieve bend.

Reference Letter:

Hi Peter,

I'd like to pass on my appreciation for your part to play in the recent CHPP upgrade.

My commendation includes the following:

- Successful supply of the new D&R screen media and overall feed ends.
- Multotec provision adhered to cost savings required for the project.
- Supply of additional leakage prevention to assist efficient performance and housekeeping.
- Introduction of Split Sieve Bends where required to minimize safety risks by reducing the physical area and weight of the screen media, assisting ease of installation.
- Good communication and response to troubleshooting and required changes.
- Ability to liaise effectively with other parties, e.g. Aury, Downer and Onsite personnel.
- Flexibility in meeting the required changes in screen media and Aperture spec's over the course of the project.
- Proactive approach taken to ensure that wear parts and consumables are available to meet ongoing needs while we update site records and maintenance/stores system.
- I especially appreciated the cooperation between your design team and our drafting contractors to confirm site dimensions which resulted in a smooth installation process that did not require modifications to any of the major equipment installations.

Thanks again for your efforts.

Regards,

Greg Nalbantof