

Pulp and Paper Manufacturer Improves Safety and Reliability with Emerson's Impact Partner Service Program

RESULTS

- Improved process availability, reduced downtime and total cost of ownership
- Enhanced safety with compliance to ASME, National Board and regulatory requirements

APPLICATION

Pressure Relief Valves

CUSTOMER

Major pulp and paper manufacturer providing pulp used in consumer products

CHALLENGE

The customer experienced recurring down time due to a PRV that failed shortly after installation. This valve was installed on a deaerator tank in the power boiler system. PRV reliability impacted the process availability, creating a safety risk for the operator and leading to unintended maintenance costs.

Looking for an alternative service provider, the customer requested that the Emerson Impact Partner conduct a Root Cause Failure Analysis. It was found during this analysis that the PRV resembled a remanufactured valve with nearly 50% of the components out of tolerance or damaged and not to OEM specification.

SOLUTION

A new valve was assembled and quickly provided by the local Impact Partner from their inventory. The availability of a local Emerson Impact Partner that can provide service in compliance with NBIC with valves and parts conforming to OEM specifications helped the customer reduce downtime and total cost of ownership.

RESOURCES

- Crosby J-Series Catalog
- Lifecycle Management of Pressure Relief Valves
- Crosby J-Series Animation

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Remanufactured or salvaged PRVs can be of unknown origin, with no traceability or repair history, rebuilt with non-OEM or used parts.

