



# SUPERHEATERS





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## Inspection, repairs or exchange

It is recommended to inspect superheaters every year to reveal incipient degradation and initiate necessary repair in due time to reduce the risk of costly break-downs and extensive downtime and ensuring long lifetime of the superheater.

BWSC offer the services and repairs of superheaters by specialist and welders qualified to carry out inspection and repair of pressure parts.

## Superheater inspection

The inspection comprises:

- measuring points
- protection shells
- support tubes
- Measurement of corrosion loss by use of ultrasonic measurement equipment
- Exchange of tubes, repair protection shells and supports



## Exchange of superheater

Based on the results of the inspection, repair can be offered e.g:

- repair/replacement of the superheater.
- material selection (pipe specification, with or without Inconel cladding etc.)
- detail design pressure parts
- code calculation pressure parts (EN, ASME, IBR)
- specified Welding NDT requirement
- design auxiliary systems (sootblowers, compressed air etc.)
- PTS (purchase technical specifications) manufacturing pressure parts
- review work shop procedures
- notified body (NoBo) approval
- work shop inspections
- site engineering and installation
- project management
- non-destructive (NDT) testing



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