

Basic Engineering services for the modification of Fluid Cooled Spacer (FCS) tubes in the 3 x 700 MW PC fired boilers

Client: IHI Power Systems, Malaysia

Project: Manjung Power Plant, Perak, Malaysia

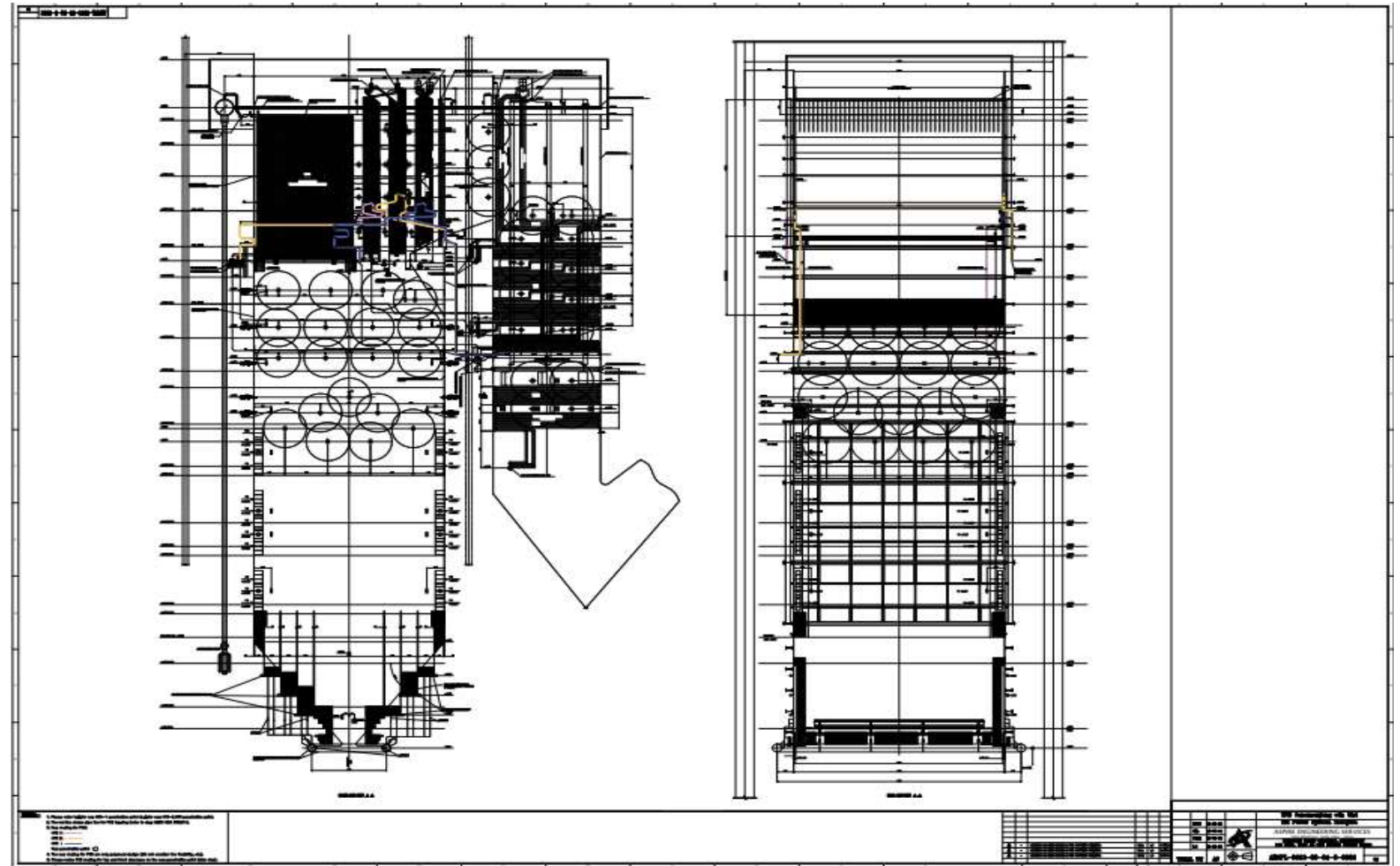
Scope: Performance check

- Review of the existing surveillance reports and study the nature of the failure of Fluid Cooled Spacer (FCS) tubes in the 3 x 700 MW PC fired boilers
- Collect additional data from the plant's engineering archive to find out the root cause and validate the reason of the failure
- Basic and Performance Design (Pressure drop and Metal temperature calculations etc.,) Spacer tubes selection (diameter, thickness, material etc.,)
- Detailed Engineering of modification
- ASME calculations
- Fabrication drawings

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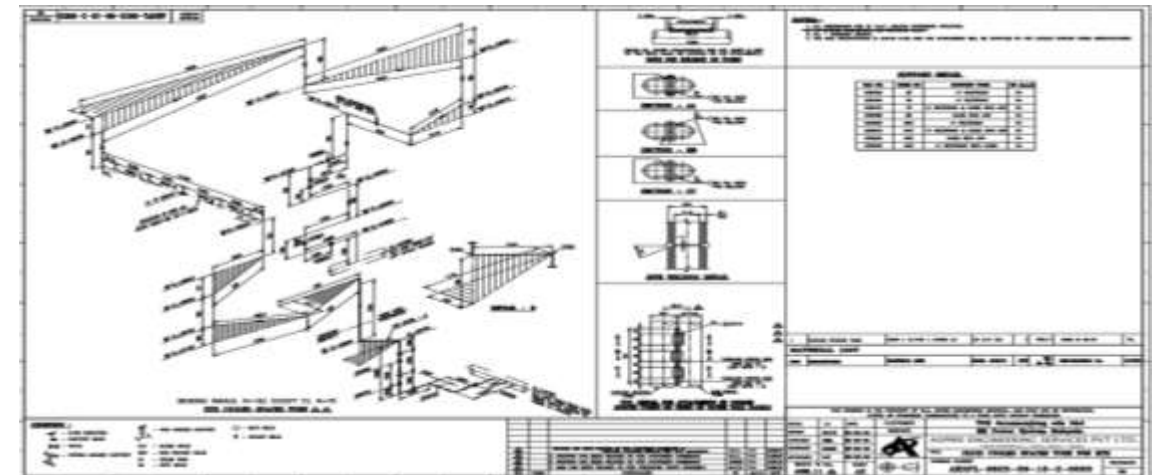
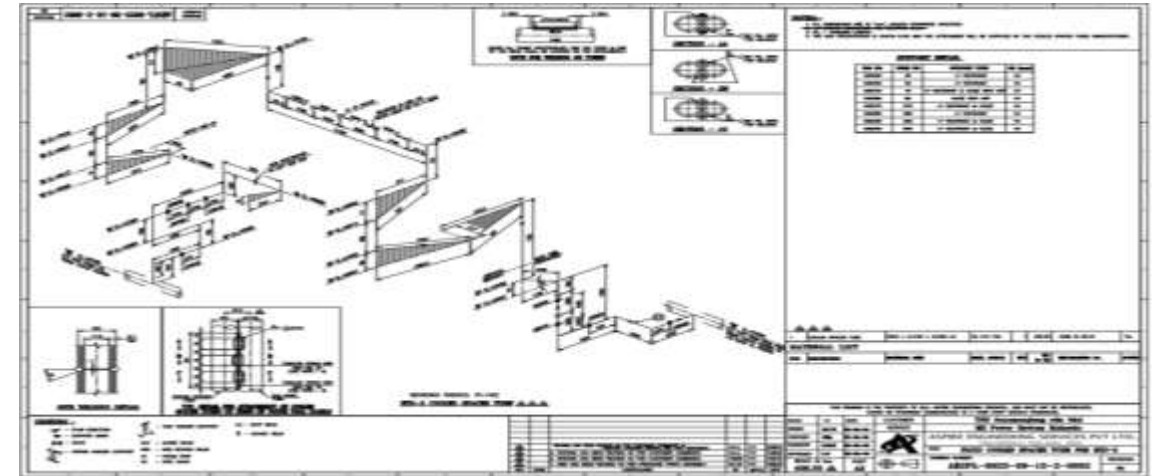
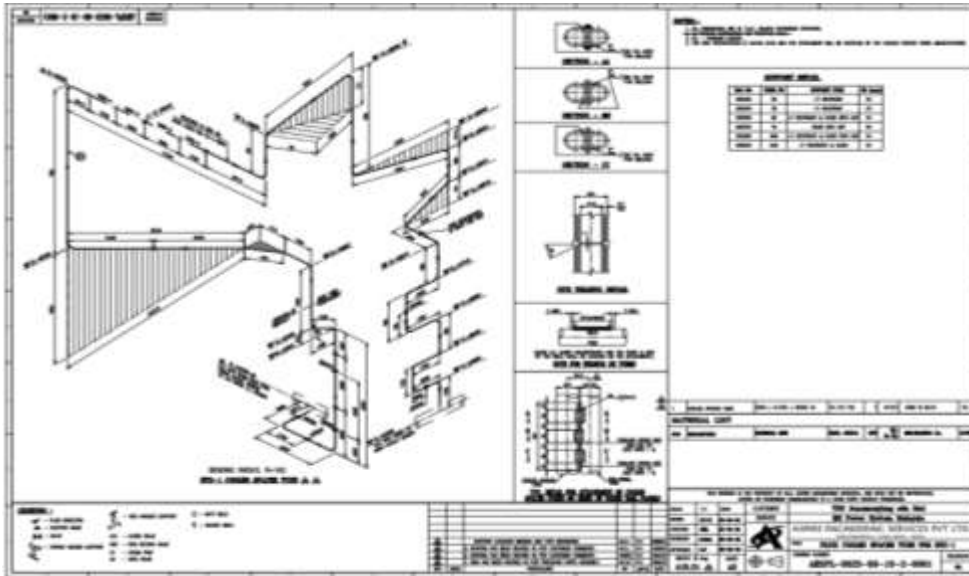
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