

Experience  
**PORTFOLIO**  
Piping

## Piping for CTF plant

Design and installation of various piping systems were done for a coal tar filtration plant. Marius was responsible for the detail engineering of the new system that was required to improve the operability of the plant by improving availability at strategic locations. Utilities included saturated steam, nitrogen, air, potable water and gas liquor. Some focus points were

- Piping design to legal requirements (pressurized equipment) + AMSE B31.3 + Client requirements;
- Material selection;
- General provisions for venting, draining, expansion loops and condensate removal.
- Outsourcing and approving isometric draughting work;
- Evaluating the steam piping system for flexibility;
- exercising QA & QC surveillance
- Executing and facilitating the complete punch-out and Mechanical Check-out on behalf of the client.

