



3 x P91 High Pressure Superheater Outlet Manifolds

Unit Superheater Engineering (USE), part of the UnitBirwelco group, recently completed the manufacture of 3 x Sets of P91 high Pressure Superheater Outlet manifolds for a UK CCGT power station.

Project Profile-

- ① Material: BS EN 10222-2 X10CrMoVNb9-1
- ① Design Code: BS EN 12952: 2015. PED Inspection Module 'G'

Unit Superheater Engineering facilitated the procurement of materials and machining from Western European suppliers. All manufacturing was completed at our main manufacturing facility in Swansea, South Wales. This included fabrication, pre-heating by ceramic braids, post weld heat treatment utilising our in-house gas fired furnace, in-house NDT and finally hydrostatic testing to 8000 psi.



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