

Steam Chest Replacement

case study



The pipe welds on site were:

Pipe Size	Qty Welds
25.75" OD x 6.375" wt	1
10.75" OD x 2.185" wt	6
8.629" OD x 1.720" wt	2
10.75" OD x 2.185" wt	8

All pipe material was 2¼ chrome / 1-moly.

MTI Power was contracted to perform all machining and welding related to the replacement of a steam chest at a fossil plant in Wisconsin.

All welding was performed with the orbital GTAW machine welding process. Prior to installation on site, MTI manually welded each side of the steam chest to stop valve. These two welds were 20" OD x 5.25" wt.



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MTI welders operating orbital pipe welding equipment on site during the installation of the new steam chest.



MTI technicians manually welding the stop valve to the steam chest.