



RADIANT CHAMBER



LOCATION: Waste to energy plant in the UK

TYPE: Radiant chamber consisting of 3 sections: inlet, middle & outlet

APPLICATION: Heat transfer - reducing

DATE OF MANUFACTURE: 2012 (1st phase) 2013 (2nd phase)

MANUFACTURING SPEC: BS1113:1999

MANUFACTURING DURATION: 26-28 weeks

MATERIALS: Carbon steel - EN 10216-2
cat 1 P235GH

SIZE & WEIGHT: 4500mm x 4000mm x 7000mm
Approx 15 tonnes/section

WELDS PROCEDURES & PROCESSES: TIG, MMA, SAW, MAG

HEAT-TREATMENT: Furnace PWHT

NON DESTRUCTIVE TESTING: 10% Radiography, 10% MPI/DPI
100% UT of circ welds

THIRD PARTY INSURERS: Lloyds Register

HYDRO TEST: Full hydraulic test



ISO 9001
ISO 14001
BS OHSAS 18001



ISO 27001
BS EN 1090 PT2



REF NUMBER: EH0194