



DESIGN AND CONSTRUCTION TO BS 2790 PART 1 1969
 CORROSION ALLOWANCE 0.75mm
 ALL BOILER PLATE THICKNESS TO BE 12.5 UNLESS OTHERWISE SPECIFIED
 WELDING TO BSEN 287-15614-1
 ALL FILLET WELDS ARE 6mm LEG UNLESS OTHERWISE STATED
 DESIGN PRESSURE 250PSI - 17.2BAR
 HYDRAULIC TEST PRESSURE 375PSI - 25.9BAR
 NDT
 LONGITUDINAL BUTT WELD 100% UTS 100% MPI
 CIRCUMFERENTIAL BUTT WELD 50% UTS 100% MPI
 ALL PRINCIPAL 90° BUTT WELDS 25% UTS 100% MPI

MATERIAL LIST

BARREL	BS1501/151/161 - 430B
DOME	BS1501/151/161 - 430B
OUTER WRAPPER	BS1501/151/161 - 430B
BACKHEAD	BS1501/151/161 - 430B
THROAT PLATE	BS1501/151/161 - 430B
TUBE PLATES	BS1501/151/161 - 430B
FIREBOX WRAPPER	BS1501/151/161 - 430B
FIREBOX RING PLATE	BS1501/151/161 - 430B
DOME FLG	BS1501/151/161 - 430B
DOME COVER PLATE	BS1501/151/161 - 430B
STAYS	BS970 PT1 070M20
SOCKETS	BS970 PT1 070M20
REGULATOR HOUSING	BS970 PT1 070M20
TURRET SEATING	BS970 PT1 070M20
FOUNDATION RING	BS970 PT1 070M20
DOOR MTG BOSS	BS970 PT1 070M20
SAND BOX MTG BOSS	BS970 PT1 070M20
STUDS	BS970 PT1 080M40
FLUE TUBES	EN10305-4 DIN 2445/2 E235+N OR DIN2391/C.3137.4 NBK
FLUE TUBES	EN10216-1CIP235GH

