

FORM III-C
Certificate of Manufacture and test of Boiler Mountings and Fittings
(REGULATION 269)

Name of part UNION BONNET VALVE
 Maker's name and address PARKER HANNIFIN CORP.
2151 AL HWY 21 N JACKSONVILLE, AL 36285
 Intended working pressure 421.8 kg/cm²
6000.0 (lb/sq. inch)
 Hydraulic test pressure 632.8 kg/cm²
9000 (lb/sq. inch)
 Main dimensions 1/2" TUBE Conn., BODY LENGTH 2.5", MAX OPEN 4.53", MIN CLOSE 3.92"
 Drawing Nos. 8W-U12LB-6-SS-HT-IBR1
 Identification Marks 13U0

Chemical composition Body - ASTM A182 F316, Packing Nut ASME SA479-316L, Bonnet Nut ASTM 276

Physical test results
 (i) tensile strength Body - 85700 PSI, Packing Nut 91.5 KSI, Bonnet Nut - 93.5 KSI
 (ii) transverse bend test
 (iii) elongation Body - 41, Packing Nut - 33, Bonnet Nut 30


Certified that the particulars entered herein by us are correct.

The part has been designed and constructed to comply with the Indian Boiler Regulations for a working pressure of 6000 PSI and satisfactorily withstood a hydraulic test using water or kerosene or any other suitable liquid to a pressure 9000 PSI on the 11TH day of SEPTEMBER 2000 in the presence of our responsible representative whose signature is appended hereunder:

Maker Representative Kenneth E Reid II Kenneth E Reid II MAKERS PARKER HANNIFIN CORP.
 (Name and signature)

We have satisfied ourselves and the valve/fitting has been constructed and tested in accordance with the requirements of the Indian Boiler Regulations, 1950. We further certify that the particulars entered herein are correct.

Place JACKSONVILLE, ALABAMA 36265


MATTHEW WHISMAN
 Name and signature of the Inspecting Officer who witnessed the tests.

Date 9/11/2000

 Name and signature of the Inspecting Authority

Strike out which is not applicable.

Note: In the case of valve chest made and tested by well known Foundries or Forges recognised by the Central Boilers Board in the manner as laid down in regulations 4A to 4H, particulars regarding the material as certified by them, in any form, shall be noted in the appropriate columns or paragraphs in the certificates and in case of certificates from Well Known Foundries or Forges is produced, such certificate may be accepted in lieu of the certificate from Inspecting Authority in so far as it relates to the testing of material specified in the Form