

FORM III C

CERTIFICATE OF MANUFACTURE AND TEST OF BOILER MOUNTINGS AND FITTINGS. (Regulation 4G)

TC No.	519	Date	05/10/2020
Intended Working Pressure in Kg/Cm ² (g)	105.4	Hydraulic Test Pressure in Kg/Cm ² (g)	159
Name of Parts :- CAST CARBON STEEL ANGLE TYPE CONTROL VALVE	Main Dimensions		1" Class 600
Maker's Name and Address : SEVERN GLOCON INDIA PRIVATE LIMITED F 96 & 97 SIPCOT INDUSTRIAL ESTATE, CHENNAI - 602 117	Body Material		ASTM A216 Gr. WCC
	Assembly Drawing No.		SGMBR-289

Customer Name And Address : Indian Oil Corporation Limited, Panipat Refinery, PO - Panipat Refinery, Panipat - 132140, Haryana India

MAXIMUM PARAMETERS OF MEDIA FOR WHICH THE VALVE / FITTINGS CAN BE USED

INTENDED WORKING TEMP. OF MEDIA IN °C	38	100	150	200	250	300	350	375	400		
PERMISSIBLE MAX WORKING PRESSURE IN Kg/Cm ² (g)	105.4	105	102.3	99.1	94.5	87.4	81.6	77.2	70.8		

HEAT No./ CODE	% CHEMICAL COMPOSITION								PHYSICAL TEST RESULT			Valve Serial No.	Qty
	C	Mn	Si	P	S	Cr	Mo	Ni	UTS Mpa	% E GL : 50mm	Bend Test AT 120°		
F5851	0.195	0.891	0.294	0.018	0.010	0.046	0.006	0.061	602	34.04	Passed	8022-002-001	1

TOTAL No. OF VALVES One

Other Tests :-

Raw Material:

Process of manufacture: Induction Melting

Fully Killed / Rimmed :-

Heat No	TC No. and Date	Specification	Name of the maker	Name on the Inspecting Authority
F5851	SGIF5851 07/08/2020	ASTM A216 Gr. WCC	Veeyes Steelcast Private Limited	Well Known foundry

CERTIFIED that the particulars entered herein by us are correct. The valve have been designed and constructed to comply with the INDIAN BOILER REGULATIONS for a working pressure of 105.4 Kg / cm² (g) and maximum temperature of 400°C and satisfactorily withstood a Hydraulic test using water or kerosene or any other suitable liquid to a pressure of 160 Kg / cm² (g) on the 05th Oct 2020 in the presence of our responsible representative whose signature is appended hereunder.



K.RAMESH KUMAR
DGM - Quality
Maker's Representative
(Name and Signature)



S.MANIVANNAN
General Manager - Operations
Maker
(Name and Signature)

IDENTIFICATION MARK:

The Parts have been stamped with the inspecting authority's official Stamp thus.



on the body / cover flange.

We have satisfied ourselves that 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.



Name and Signature of the
Inspecting Officer
who witnessed the tests

Place : Chennai
Date : 05/10/2020

TUV INDIA PRIVATE LTD.,
(TUV NORD Group)
Place : Chennai
No: 105 / 043 / 519



Name & Signature of the
Inspecting Authority

Note: In case of valve chest made and tested by well known foundries or forges recognised by the central boiler board in the manner as laid down in regulation 4A to 4H listed in 'Appendix K', 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 certificates from well known foundries or forges is produced, such certificates may be accepted in lieu of the Certificates from Inspection Authority in so far as it relates to the testing of material specified in the form.

Strike out which is not applicable