

Maker's Certificate No.: LVL- MISC
Dated: 20.06.2023



Rev. No. 00
Rev. Date: New
Inspection Authority's
certificate No.: IAP/LVL- 9342

Certificate of Material & Test of Boiler Mounting and Fittings

(Regulation 269 of INDIAN BOILER REGULATIONS - 1950)

1. Name of Part: 50 MM CAST STEEL BLOW DOWN VALVE FLGD. TO CL-300 Nos.: 20
2. Maker's Name and address: LEADER VALVES LIMITED
Industrial Town, Jalandhar City (Punjab) India

Intended Working Pressure 51.1 BAR AT 38°C
Hydraulic Test Pressure BODY : 78.0 Bar HYD. SEAT : 56.0 Bar HYD.
Main Dimensions AS PER APPROVED DRAWING



Drawing No.: BM/2270A/23-24

Identification Marks Punched serial number and inspecting authority's seal on body flange.



CAST STEEL (ASTM A 216 Gr WCB)

Heat No.	CHEMICAL COMPOSITION									
	C %	Mn %	S %	P %	Si %	Ni %	Cr %	Mo %	V %	Cu %
DPL5 - SKB	0.211	1.037	0.038	0.019	0.290	0.008	0.017	0.012	0.003	0.008
PFK4 - NP6	0.214	1.032	0.034	0.022	0.284	0.010	0.015	0.009	0.004	0.010

Physical Test Results:-

Sr. No. of Valves	Heat No. / Batch No.	Tensile Strength (in mpa)	Yield Strength (in mpa)	Reducing in Area %	Elongation %	Band Test	Hardness
BM 44831 - 840	DPL5 - SKB	507	298	—	32.32	OK	—
BM 44841 - 850	PFK4 - NP6	503	290	—	32.14	OK	—

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 51.1 BAR AT 38°C and satisfactorily withstood a hydraulic test of 78.0 Bar

using water or kerosene or with any other suitable liquid in accordance with the provision of clause (a) of regulation 290, on the 20th day of JUNE, - 2023 in the presence of our responsible representative whose signature is appended here in under:

For LEADER VALVES LIMITED

Manoj Kumar
Maker's Representative

For LEADER VALVES LIMITED

Abil Bca
(Ambika Beri)
Director M&M

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

IMPORTANT

Please accept only that xerox copy of certificate which carries :

- Signature of a Director of the Company
- Words "NOT TO BE REPRODUCED"
- Printed in Red Colour

This certificate is valid for valve
Sr. No.: BM44839

For LEADER VALVES LIMITED

Abil Bca
(AMBIKA BERI)
Director M & M

BALVINDER PAL SINGH
INSPECTING OFFICER

(SATBIR SINGH)
Inspecting Officer &
Inspecting Authority
Director Of Boilers (Pb.)

Name & Sign. of the Inspecting Authority

All tests carried out using calibrated instruments.

NOTE: In the case of valve chest made and tested by wellknown Foundries or Forgers recognised by Central Boiler Board in the manner as laid down in regulations 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 of certificate from well known Foundries or Forgers is produced, such certificates 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.

"STRIKE OUT WHICH IS NOT APPLICABLE"