

RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 0296/26-27
Customer's Client :	Date : 07/04/2026
Job Description : NPS 4 (DN100) FIG-2560N #600 - END	Date of Test : 05/04/2026
Die / Tool No. : 1496 Drq. No. :	Offer No. : 14
Heat No. : G678 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB
Procedure Followed : ASME Sec V,Arti-2 & 22,2025	RT Coverage : ASME B16.34 CRITICAL AREA
Evaluation Standard : ASTM E-446 (Vol II),2020	Procedure No. : PS05/16 REV.5
Acceptance Standard : ASME B16.34 APPENDIX-1 2025	Shooting Sketch No. : CNS-1496

Radiation Source : Ir-192	Screen : LEAD 0.10mm Front , 0.10mm Back	Film Processing : MANUAL
Source Strength : 15.64 Ci	Exposure Time : VARIOUS MIN	Processing Time : MANUAL
Source Size : 2.7mmD x 1.2mmH	Film Brand & Type : FILM D7	

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1645	A-B	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable
2	RT 1645	B-C	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B/CB - I/I	Acceptable
3	RT 1645	C-D	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable
4	RT 1645	D-E	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable
5	RT 1645	E-F	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable
6	RT 1645	F-G	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable
7	RT 1645	G-H	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable
8	RT 1645	H-A	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable

REVIEWED & ACCEPTED
C. Bathing
KAUSHIK KUMAR .C
RT, UT, MT, PT Level - II
CNS Valvulas

Total No. of Films : 8 Nos., **Total Sq. Inches** : 384.00
Film Size Summary : 4x12 - 8

Density of each film is measured and confirm between 2.0 TO 4.0
NSD=No Significant Discontinuity, A=Gas Porosity, B=Inclusion, CA/CB/CC/CD=Shrinkage, D=Crack, E=Hot Tears, F=Insert, SD=Surface Depression, G=Mottling

Note :
1. Report relates items tested only.
2. Test Results are in compliance with requirements and / or specifications of technique used.
3. Test Reports shall not be reproduced except full in written approval of the Laboratory.

For, Capital NDT Services	Customer Representative :	Customer's Client :	Inspection Agency :
 KAUSHIK USADAD ASNT RT-II	 ASNT NDT Level II RT, UT, MT, PT CHINTAN KAVATHINA S.K.O.		


MAGNETIC PARTICLE INSPECTION REPORT

Customer : JC VALVULAS INDIA PVT LTD	Report No. : 0002/26-27
Customer's Client :	Date : 10/04/2026
Material : WCB ✓	Testing Date : 10/04/2026
Reference Standard : ASME SEC V Art 7	P.O. No. :
Acceptance Standard : ASME B16.34 Appendix-II	Procedure No.: JC-PS05/18 REV.05
Surface Condition : AS CAST	SurfaceTemp. : Ambient Temp.
Extent Of Examination : 100% Accessible Area	Method : WET FLUORESCENT
Stage Of Examination : After Heat Treatment	Light Used : UV LIGHT / BLACK LIGHT
Magnatizing Current : AC	Field Indicator : PIE Gauge (777)
Megnetic Field : CIRCULAR	Pole Spacing : 3"- 4"

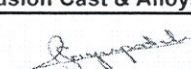
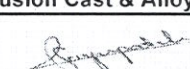
Equipment	Make	SR. No.	Calibration Due Date
Electromegnetic Yoke	Supermag NDT System	SMY102021568	30/06/2026
FLUROESSCENT PARTICLE MG-2410	MAGNAFLUX	19H68	01/03/2029
Black Uv Light	Arora NDT Products & Accessories	2021-013	01/05/2026

RESULTS

Sr. No.	Die No.	Part Description	MPT No.	Heat No.	QTY.	Obeservation	Result
1	1495-A	NPS 4 (DN100) FIG-2560N #600 -BODY (With Stem/Seat Sealant)	888 ✓	G678 ✓	1 ✓	NO RELEVANT INDICATION OBSERVED	ACCEPTED
2	1495-A	NPS 4 (DN100) FIG-2560N #600 -BODY (With Stem/Seat Sealant)	889 ✓	G678 ✓	1 ✓	NO RELEVANT INDICATION OBSERVED	ACCEPTED
3	1496	NPS 4 (DN100) FIG-2560N #600 -END	890 ✓	G678 ✓	1 ✓	NO RELEVANT INDICATION OBSERVED	ACCEPTED
4	1496	NPS 4 (DN100) FIG-2560N #600 -END	891 ✓	G678 ✓	1 ✓	NO RELEVANT INDICATION OBSERVED	ACCEPTED

REVIEWED & ACCEPTED

S. HISH KUMAR .C
 RT, UT, MT, PT Level- II
 JC Valvulas

Note :

For, Microfusion Cast & Alloys	For, Microfusion Cast & Alloys
 Sagar Patel (ASNT Level-II (RT,UT,MP,DP)) Inspected By	 Sagar Patel (ASNT Level-II (RT,UT,MP,DP)) Checked By