



CAPITAL NDT SERVICES

Survey No. 72, Paikée 1 / Paikée 2 / Paikée 2, Plot No. 5, Dev Industrial Area, Village Bhunava, Tal Gondal, Dist. Rajkot (Gujarat, India)
Phone : +91 95861 23523, +91 95862 23523, Email : capitalndts@gmail.com



RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 0295/26-27
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/I6 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.	Identifi- cation	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensi tivity	Findings	Result
1	RT 1644	A-B	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable
2	RT 1644	B-C	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - II	Acceptable
3	RT 1644	C-D	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - II	Acceptable
4	RT 1644	D-E	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable
5	RT 1644	E-F	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable
6	RT 1644	F-G	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable
7	RT 1644	G-H	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable
8	RT 1644	H-A	4x12	SWSI	12	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - II	Acceptable

REVIEWED & ACCEPTED
C. Pathanj
 KAUSHIK KUMAR .C
 RT, UT, MT, PT Level - II
 G-10 Valves

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 USDAD ASNT-RT-II 	 		