



CAPITAL NDT SERVICES

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RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 17385/24-25
Customer's Client :	Date : 22/12/2024
Job Description : 4" (DN100) FIG-2590N ADAPTER #900	Date of Test : 18/12/2024
Die / Tool No. : 624 Drg. No. : -	Offer No. : 806
Heat No. : 96E4 PO No. : -	WAS No. : 1821 - 22-12-2024
Material : WCB	Test Carried Out At : At Our Lab
Procedure Followed : ASME BPVC Sec V,Art-2 & 22,2023	RT Coverage : ASME B16.34 CRITICAL AREA
Evaluation Standard : ASTM E-446 (Vol II),2020	Procedure No. : PS05/16 REV.4
Acceptance Standard : ASME B16.34 APPENDIX- 1-2020	Shooting Sketch No. :

Radiation Source : Ir-192 Screen : LEAD 0.10mm Front , 0.10mm Back Film Processing : MANUAL
 Source Strength : 2.02 Ci Exposure Time : VARIOUS MIN Processing Time : MANUAL
 Source Size : 2.7mmD x 1.2mmH Film Brand & Type : CARESATREAM AA400

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result	
1	RT 6997	N A-B	6X15	SWSI	22	2.0 TO 4.0	6	ASTM 17/1B	F	2-2T	CB - I	Acceptable
2	RT 6997	N B-C	6X15	SWSI	22	2.0 TO 4.0	6	ASTM 17/1B	F	2-2T	B - I	Acceptable
3	RT 6997	N C-D	6X15	SWSI	22	2.0 TO 4.0	6	ASTM 17/1B	F	2-2T	CB - I	Acceptable
4	RT 6997	N D-A	6X15	SWSI	22	2.0 TO 4.0	6	ASTM 17/1B	F	2-2T	CB - I	Acceptable

Total No. of Films : 4 Nos., Total Sq. Inches : 360.00

Film Size Summary : 6X15 - 4

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 :

- Report relates items tested only.
- Test Results are in compliance with requirements and / or specifications of technique used.
- 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			