



CAPITAL NDT SERVICES

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RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 17117/24-25
Customer's Client :	Date : 19/12/2024
Job Description : NPS 4 X NPS3 FIG 2660N #600 END MARK-2	Date of Test : 13/12/2024
Die / Tool No. : 1982 Drg. No. :	Offer No. : 806
Heat No. : 77E4 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST 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)	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 : 2.12 Ci Exposure Time : VARIOUS 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 7001	A	12 X 7.5	DWSI	15+15	1.5 TO 4.0	24	ASTM 1B/12	S	2-2T	B/CB - I/II	Acceptable
2	RT 7001	B	12 X 7.5	DWSI	15+15	1.5 TO 4.0	24	ASTM 1B/12	S	2-2T	B - I	Acceptable
3	RT 7001	C	12 X 7.5	DWSI	15+15	1.5 TO 4.0	24	ASTM 1B/12	S	2-2T	B - I	Acceptable

INSPECTED / REVIEWED & ACCEPTED

N. MUTHUKRISHNAN
 ASNT. RT, UT, MT, PT, VT Level - II
 Certificate due date: 01.01.2027
 Q.A./O.C. JC Valujas

Total No. of Films : 3 Nos., Total Sq. Inches : 270.00

Film Size Summary : 12 X 7.5 - 3

Density of each film is measured and confirm between 1.5 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 USDAO ASNT RT-II			

