



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. : 17118/24-25
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. : 96E4 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB
Procedure Followed : ASME BPVC Sec V,Arti-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.	Identif-ication	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensi-tivity	Findings	Result	
1	RT 7002	A	12 X 7.5	DWSI	15+15	1.5 TO 4.0	24	ASTM 1B/12	S	2-2T	CB - I	Acceptable
2	RT 7002	B	12 X 7.5	DWSI	15+15	1.5 TO 4.0	24	ASTM 1B/12	S	2-2T	CB - I	Acceptable
3	RT 7002	C	12 X 7.5	DWSI	15+15	1.5 TO 4.0	24	ASTM 1B/12	S	2-2T	B/CB - I/I	Acceptable

INSPECTED / REVIEWED & ACCEPTED
 N. MUTHUKRISHNAN
 ASNT, RT, UT, MT, PT, VT Level - II
 Certificate due date: 01.01.2027
 Q.A/Q.C - JC Valvatas

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=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			