

RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 27901/25-26
Customer's Client :	Date : 26/03/2026
Job Description : 2" (DN50) FIG-630 BODY #300	Date of Test : 21/03/2026
Die / Tool No. : 1211 Drg. No. :	Offer No. : 2020
Heat No. : E665 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB

Procedure Followed : ASME Sec V,Arti-2 & 22,2025	RT Coverage : B16.34
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. :

Radiation Source : Ir-192	Screen : LEAD 0.10mm Front , 0.10mm Back	Film Processing : MANUAL
Source Strength : 17.98 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 1570	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - I	Acceptable
2	RT 1570	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
3	RT 1570	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
4	RT 1570	PA-B	4X6	SWSI	38	2.0 TO 4.0	4	ASTM 1B	S W10	NSD	Acceptable

Total No. of Films : 4 Nos., **Total Sq. Inches** : 168.00
Film Size Summary : 6X8 - 3, 4X6 - 1

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 	 		

RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 27903/25-26
Customer's Client :	Date : 26/03/2026
Job Description : 2" (DN50) FIG-630 BODY #300	Date of Test : 21/03/2026
Die / Tool No. : 1211 Drg. No. :	Offer No. : 2020
Heat No. : E665 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB
Procedure Followed : ASME Sec V,Arti-2 & 22,2025	RT Coverage : B16.34
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. :





Radiation Source : Ir-192	Screen : LEAD 0.10mm Front , 0.10mm Back	Film Processing : MANUAL
Source Strength : 17.98 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 1571	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
2	RT 1571	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
3	RT 1571	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - III	Acceptable
4	RT 1571	P A-B	4X6	SWSI	38	2.0 TO 4.0	4	ASTM 1B	S W10	B - I	Acceptable

Total No. of Films : 4 Nos., **Total Sq. Inches** : 168.00
Film Size Summary : 6X8 - 3, 4X6 - 1

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

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RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 27904/25-26
Customer's Client :	Date : 26/03/2026
Job Description : 2" (DN50) FIG-630 BODY #300	Date of Test : 21/03/2026
Die / Tool No. : 1211 Drq. No. :	Offer No. : 2020
Heat No. : E665 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB

Procedure Followed : ASME Sec V,Arti-2 & 22,2025	RT Coverage : B16.34
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. :


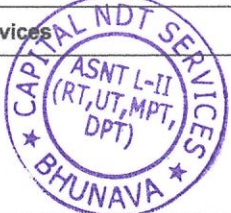
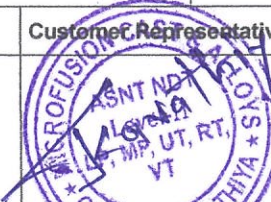

Radiation Source : Ir-192	Screen : LEAD 0.10mm Front , 0.10mm Back	Film Processing : MANUAL
Source Strength : 17.98 Ci	Exposure Time : VARIOUS MIN	Processing Time : MANUAL
Source Size : 2.7mmD x 1.2mmH	Film Brand & Type : FILM D7	

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1572	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - I	Acceptable
2	RT 1572	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	A - I	Acceptable
3	RT 1572	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - I	Acceptable
4	RT 1572	P-A-B	4X6	SWSI	38	2.0 TO 4.0	4	ASTM 1B	S W10	B - I	Acceptable

Total No. of Films : 4 Nos., **Total Sq. Inches** : 168.00
Film Size Summary : 6X8 - 3, 4X6 - 1

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

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RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 27906/25-26
Customer's Client :	Date : 26/03/2026
Job Description : 2" (DN50) FIG-630 BODY #300	Date of Test : 21/03/2026
Die / Tool No. : 1211 Drq. No. :	Offer No. : 2020
Heat No. : E665 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB
Procedure Followed : ASME Sec V,Arti-2 & 22,2025	RT Coverage : B16.34
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. :

Radiation Source : Ir-192	Screen : LEAD 0.10mm Front , 0.10mm Back	Film Processing : MANUAL
Source Strength : 17.98 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 1573	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - I	Acceptable
2	RT 1573	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - II	Acceptable
3	RT 1573	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
4	RT 1573	P-A-B	4X6	SWSI	38	2.0 TO 4.0	4	ASTM 1B	S W10	NSD	Acceptable

Total No. of Films : 4 Nos., **Total Sq. Inches** : 168.00
Film Size Summary : 6X8 - 3, 4X6 - 1

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

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CAPITAL NDT SERVICES

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RADIOGRAPHIC EXAMINATION REPORT

Customer : MICROFUSION CAST & ALLOYS, METODA	Report No. : 27907/25-26
Customer's Client :	Date : 26/03/2026
Job Description : 2" (DN50) FIG-630 BODY #300	Date of Test : 21/03/2026
Die / Tool No. : 1211 Drg. No. :	Offer No. : 2020
Heat No. : E665 PO No. :	WAS No. :
Material : WCB	Test Carried Out At : OUR TEST LAB
Procedure Followed : ASME Sec V,Arti-2 & 22,2025	RT Coverage : B16.34
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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 1574	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
2	RT 1574	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - III	Acceptable
3	RT 1574	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - II	Acceptable
4	RT 1574	PA-B	4X6	SWSI	38	2.0 TO 4.0	4	ASTM 1B	S W10	B - I	Acceptable

Total No. of Films : 4 Nos., **Total Sq. Inches** : 168.00
Film Size Summary : 6X8 - 3, 4X6 - 1

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.
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