

**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27887/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 BODY #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1211 <b>Drg. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E665 <b>PO No.</b> :	<b>WAS No.</b> :
<b>Material</b> : WCB	<b>Test Carried Out At</b> : OUR TEST LAB
<b>Procedure Followed</b> : ASME Sec V,Arti-2 & 22,2025	<b>RT Coverage</b> : B16.34
<b>Evaluation Standard</b> : ASTM E-446 (Vol II),2020	<b>Procedure No.</b> : PS05/I6 REV.5
<b>Acceptance Standard</b> : ASME B16.34 APPENDIX-1 2025	<b>Shooting Sketch No.</b> :

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

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1560	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
2	RT 1560	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
3	RT 1560	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - II	Acceptable
4	RT 1560	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.

For, Capital NDT Services	Customer Representative :	Customer's Client :	Inspection Agency :
 <b>KAUSHIK USDAD</b> ASNT RT-II 	 <b>CHINTAN KAVATHIA</b> ASNT L-II Level-II RT, UT, MPT, DPT 		

**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27888/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 BODY #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1211 <b>Drq. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E665 <b>PO No.</b> :	<b>WAS No.</b> :
<b>Material</b> : WCB	<b>Test Carried Out At</b> : OUR TEST LAB

<b>Procedure Followed</b> : ASME Sec V,Arti-2 & 22,2025	<b>RT Coverage</b> : B16.34
<b>Evaluation Standard</b> : ASTM E-446 (Vol II),2020	<b>Procedure No.</b> : PS05/I6 REV.5
<b>Acceptance Standard</b> : ASME B16.34 APPENDIX-1 2025	<b>Shooting Sketch No.</b> :

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

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1561	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - III	Acceptable
2	RT 1561	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - II	Acceptable
3	RT 1561	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - III	Acceptable
4	RT 1561	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

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<b>For, Capital NDT Services</b>	<b>Customer Representative :</b>	<b>Customer's Client :</b>	<b>Inspection Agency :</b>
 KAUSHIK USDAD ASNT RT-II 	 		

**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27890/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 BODY #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1211 <b>Drq. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E665 <b>PO No.</b> :	<b>WAS No.</b> :
<b>Material</b> : WCB	<b>Test Carried Out At</b> : OUR TEST LAB
<b>Procedure Followed</b> : ASME Sec V,Arti-2 & 22,2025	<b>RT Coverage</b> : B16.34
<b>Evaluation Standard</b> : ASTM E-446 (Vol II),2020	<b>Procedure No.</b> : PS05/16 REV.5
<b>Acceptance Standard</b> : ASME B16.34 APPENDIX-1 2025	<b>Shooting Sketch No.</b> :

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

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1562	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
2	RT 1562	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
3	RT 1562	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
4	RT 1562	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

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  KAUSHIK USDAD ASNT RT-II	 CHINTAN KAVATHIYA * SIAI		

**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27891/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 BODY #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1211 <b>Dr. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E665 <b>PO No.</b> :	<b>WAS No.</b> :
<b>Material</b> : WCB	<b>Test Carried Out At</b> : OUR TEST LAB
<b>Procedure Followed</b> : ASME Sec V,Arti-2 & 22,2025	<b>RT Coverage</b> : B16.34
<b>Evaluation Standard</b> : ASTM E-446 (Vol II),2020	<b>Procedure No.</b> : PS05/I6 REV.5
<b>Acceptance Standard</b> : ASME B16.34 APPENDIX-1 2025	<b>Shooting Sketch No.</b> :

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

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1563	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B - I	Acceptable
2	RT 1563	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - III	Acceptable
3	RT 1563	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B/CB - I/I	Acceptable
4	RT 1563	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

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**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27893/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 BODY #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1211 <b>Drg. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E665 <b>PO No.</b> :	<b>WAS No.</b> :
<b>Material</b> : WCB	<b>Test Carried Out At</b> : OUR TEST LAB
<b>Procedure Followed</b> : ASME Sec V,Arti-2 & 22,2025	<b>RT Coverage</b> : B16.34
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<b>Acceptance Standard</b> : ASME B16.34 APPENDIX-1 2025	<b>Shooting Sketch No.</b> :



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

Sr. No.	Identification	Location	Film Size (inch)	Techq.	Thck. (mm)	Density	SFD (inch)	IQI	Sensitivity	Findings	Result
1	RT 1564	A	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	CB - I	Acceptable
2	RT 1564	B	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B/CB - I/I	Acceptable
3	RT 1564	C	6X8	DWSI	12+12	2.0 TO 4.0	24	ASTM-10	S 4T	B/CB - I/I	Acceptable
4	RT 1564	P-A-B	4X6	SWSI	38	2.0 TO 4.0	4	ASTM 1B	S W10	A - 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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 KAUSHIK USDAD ASNT RT-II 	 CHINTAN KAVATHIA SWSI 