

**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27816/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 ADAPTER #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1212 <b>Drg. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E664 <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 1605	A	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B/CB - II/I	Acceptable
2	RT 1605	B	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable
3	RT 1605	C	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - I	Acceptable

**Total No. of Films** : 3 Nos., **Total Sq. Inches** : 96.00  
**Film Size Summary** : 4 X 8 - 3

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.

<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> : 27817/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 ADAPTER #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1212 <b>Drg. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E664 <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 1606	A	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	A - I	Acceptable
2	RT 1606	B	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	CB - II	Acceptable
3	RT 1606	C	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S 4TW6	B - I	Acceptable

**Total No. of Films** : 3 Nos., **Total Sq. Inches** : 96.00  
**Film Size Summary** : 4 X 8 - 3

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  KAUSHIK USDAD ASNT RT-II	  ASNT NDT Level-II LP, MP, UT, RT, VT		

**RADIOGRAPHIC EXAMINATION REPORT**

<b>Customer</b> : MICROFUSION CAST & ALLOYS, METODA	<b>Report No.</b> : 27818/25-26
<b>Customer's Client</b> :	<b>Date</b> : 26/03/2026
<b>Job Description</b> : 2" (DN50) FIG-630 ADAPTER #300	<b>Date of Test</b> : 21/03/2026
<b>Die / Tool No.</b> : 1212 <b>Drq. No.</b> :	<b>Offer No.</b> : 2020
<b>Heat No.</b> : E664 <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 1607	A	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S	4TW6	B - I	Acceptable
2	RT 1607	B	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S	4TW6	B - I	Acceptable
3	RT 1607	C	4 X 8	DWSI	10+10	2.0 TO 4.0	24	ASTM 10/1B	S	4TW6	B - I	Acceptable

**Total No. of Films** : 3 Nos., **Total Sq. Inches** : 96.00  
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 KAUSHIK USDAD ASNT RT-II 