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# QUALITY<sup>TM</sup>

INSPECTION SERVICES

Unit II : 38, Sriyam Industrial Park, Nr. Royal Industrial Estate, Kathwada - Singarwa Road, Kathwada, Ahmedabad - 382430  
RADIOGRAPHY • UT • MPT • STRESSES RELIEVING • THICKNESS MEASUREMENT • D.P.

## MAGNETIC PARTICLE EXAMINATION REPORT

Report No: QIS/25/03/23

DATE: 07/03/2025

CLIENT : AMI ALLOYS  
SITE : KATHWADA GIDC, AHMEDABAD  
MATERIAL : WCB ✓  
PO. NO. : 2425001890 ✓

| SR.N. | JOB IDENTIFICATION         | HEAT NO. | QTY       |
|-------|----------------------------|----------|-----------|
| 01    | 6X900# 2PC BV SIDE PIECE ✓ | Y1483 ✓  | 01 No. ✓  |
| 02    | 6X900# 2PC BV SIDE PIECE ✓ | Y1484 ✓  | 02 Nos. ✓ |
| 03    | 6X900# 2PC BV SIDE PIECE ✓ | Y1485 ✓  | 03 Nos. ✓ |

Equipment : Model: MTY-7  
Instrument Sr. No. : 201410011967  
Calibration Certificate No. : TES/2024-25/1188 Dt: 06/12/2024  
Calibration Due Date : 05/12/2025  
Type of Method : Wet Visible Black  
Procedure No. : PS05/I8 REV.4 ✓

Reference Standard/Acceptable Criteria  
As Per Approved Procedure ASME Sec V, Article:-7  
ASME Sec-VIII, Div-1, Appendix-7 ✓

Testing Procedure  
Part Preparation: Brushing & Grinding  
Magnetization (AC/DC): AC ✓  
Direction of Magnetic: Longitudinal Magnetic Field  
Application of Magnetic Particles: By Spray  
Examination of Test Surface: Visual  
Demagnetization: N A  
Light Intensity: 1076 Lux ✓  
Surface Temp: Ambient  
Pole Spacing: Max 150mm  
Color of Magnetic Medium Used: Black  
Type of Magnetic Particles Used: Magnaflox 7-C Black Wet

### RESULT

OBSERVATION : Acceptable as Per Standard  
REMARKS : All Accessible Area of Surface of the Job.  
TESTED BY : MPT SATISFACTORY (N.S.D)  
JAYENDRASINGH SENGAR  
(LEVEL-II, RT, UT, MPT, PT)

For, QUALITY INSPECTION SERVICES

