



Liquid Penetrate Examination Report

Report No.:
PT24039-01-R0
 Form No.: MET/QR-QC-001
 Revision: B/0

Customer: Delta GmbH Doc No: 24039-01
 SL No: Globe Valve 6" 300LB: MET2403915~16
 Check Valve 2" 300LB MET2403917~18 Qty: 4Nos

Examined Object:
 Casting
 Forging
 Welding seam
 Others

Surface Condition:
 Sand blasting
 Machined
 Grind
 Raw Material

Examined Method:
 Solvent-removable color contrast (visible) penetrant
 Water-washable color contrast (visible) penetrant

Examined Standard:
 ASTM E165
 ASME V Article 6
 NB/T 47013.5-2015
 Others

Acceptance Standard:
 ASME B16.34 Appendix III
 ASME VIII Division 1 Appendix 8
 NB/T 47013.5-2015 Table 5-I
 Others

Test Temperature:
 25 °C

Using of sample block:
 Yes
 No
 JB/T 6064-2006 Type A
 JB/T 6064-2006 Type B3

Method of cleaner: Brand: HR-ST Batch No: /
 Brushing
 Spraying
 Dipping

Method of penetrant: Brand: HP-ST Batch No: /
 Brushing
 Spraying
 Dipping

Method of developer: Brand: HD-ST Batch No: /
 Brushing
 Spraying
 Dipping

Pre-cleaning:
 Cleaner
 Mechanical Clean

Penetrating Time: 10 Minute

Developing Time: 15 Minute

Removal of cleaner:
 Hand Wipe
 Vaporization
 Wash

Excess penetrant removal:
 Cleaner
 Hand Wipe
 Wash

Light Method:
 Black Light Intensity
 Visible Light Intensity 1000Lux

Post dispose: Hand Wipe Cleaner Water Wash Detergent

Product Description	Part Name	Material	Heat (Lot) No.	Examined Area	Result	Remarks
Globe Valve 6" 300LB	Body	A352 LCB Weld Overday STL.6	L589	Sealing Surface	Accepted	2Nos
Check Valve 2" 300LB	Seat	A105Weld Overday STL.6	3630	Sealing Surface	Accepted	2Nos

Testing Conclusions:
 Meet the standard requirement.
 Don't meet the standard requirement.

Operated by: S. Parker Reviewed by: S. Parker
 Date: 2024-12-10 Date: 2024-12-10

