

TUV India Control No: (SAP Number)	010101364724/131 (8123021074)	Date:	08/09/2025
Project Name & Location:	INTEGRATED PV MFG. FACILITIES - INGOT AND WAFER MAIN/PILOT PLANT JAMNAGAR	TUV India Branch Name:	Pune
TUV India Client Name:	RELIANCE INDUSTRIES LTD. JAMNAGAR	End User Name:	Reliance Industries Ltd.
DEC / PMC / EPC Name: (If applicable)	Jacobs Solution India Pvt. Ltd.	DEC / PMC / EPC Assignment Number: (If applicable)	
Vendor Name & Location:	DELVAL FLOW CONTROLS PVT. LTD.	P.O. Number: (Client PO on Vendor)	938/240856938 Dated 20/01/2025
Sub Vendor Name & Location: (If applicable)		P.O. Number: (If applicable - Vendor PO on Sub Vendor)	

Item Description:

PO Item No.	Item Code	Item Description / Identification / MTC Number	UOM	P.O. Quantity	Offered Quantity	Accepted Quantity	Cumulative accepted Quantity
1	2000103864	Engg.Code :VBGJ102E 2.000 2.000IN , Valve - Ball,Cast Carbon Steel Per ASTM A216 Grade WCB,Class 150,Flanged Raised Face,3.2/6.3 Ra Facing,Reduced Bore,API 6D, Split Body, Seat Supported Solid Ball,316 Stainless Steel Ball and Stem, RTFE Seats,Graphoil Gland Packing and Seals,Lever Operator, COMPONENT TYPE : VALVE - BALL MATERIAL : CAST CARBON STEEL PER ASTM A216 GRADE WCB PRESSURE RATING : CLASS 150 END CONNECTION : FLANGED RAISED FACE FACING : 3.2/6.3 RA FACING VALVE BORE TYPE : REDUCED BORE VALVE DESIGN CODE : API 6D, SPLIT BODY, SEAT SUPPORTED SOLID BALL VALVE TRIM : 316 STAINLESS STEEL BALL AND STEM, RTFE SEATS VALVE PACKING : GRAPHOIL GLAND PACKING AND SEALS VALVE OPERATOR : LEVER OPERATOR SIZE : 2.000IN VALVES BALL Valve Sr. No.: 15014179-01 Tag No.: VBGJ102E	each	1	1	1	1
2	2002334993	Engg.Code :VBGJ10KM 2.000 2.000IN , Valve - Ball,Cast Carbon Steel Per ASTM A216 Grade WCB,Class 150,Flanged Raised Face,3.2/6.3 Ra Facing,Full Bore,API 6D, Split Body, Seat Supported Solid Ball,316 Stainless Steel Ball and Stem, RTFE Seats,Graphoil Gland Packing and Seals,Lever Operator,For Utility Services, COMPONENT TYPE : VALVE - BALL MATERIAL : CAST CARBON STEEL PER ASTM A216 GRADE WCB PRESSURE RATING : CLASS 150 END CONNECTION : FLANGED RAISED FACE FACING : 3.2/6.3 RA FACING	each	9	9	9	9

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 Tel: + 91 22 66477000, Email: inspection@tuv-nord.com Website: www.tuv-nord.com/in
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		VALVE BORE TYPE : FULL BORE VALVE DESIGN CODE : API 6D, SPLIT BODY, SEAT SUPPORTED SOLID BALL VALVE TRIM : 316 STAINLESS STEEL BALL AND STEM, RTFE SEATS VALVE PACKING : GRAPHOIL GLAND PACKING AND SEALS VALVE OPERATOR : LEVER OPERATOR VALVE SERVICE : FOR UTILITY SERVICES SIZE : 2.000IN VALVES BALL Valve Sr. No's.: 15014381 - 01 TO 09 Tag No.: VBGJ10KM					
3	2002334993	Engg.Code :VBGJ10KM 2.000 2.000IN , Valve - Ball,Cast Carbon Steel Per ASTM A216 Grade WCB,Class 150,Flanged Raised Face,3.2/6.3 Ra Facing,Full Bore,API 6D, Split Body, Seat Supported Solid Ball,316 Stainless Steel Ball and Stem, RTFE Seats,Graphoil Gland Packing and Seals,Lever Operator,For Utility Services, COMPONENT TYPE : VALVE - BALL MATERIAL : CAST CARBON STEEL PER ASTM A216 GRADE WCB PRESSURE RATING : CLASS 150 END CONNECTION : FLANGED RAISED FACE FACING : 3.2/6.3 RA FACING VALVE BORE TYPE : FULL BORE VALVE DESIGN CODE : API 6D, SPLIT BODY, SEAT SUPPORTED SOLID BALL VALVE TRIM : 316 STAINLESS STEEL BALL AND STEM, RTFE SEATS VALVE PACKING : GRAPHOIL GLAND PACKING AND SEALS VALVE OPERATOR : LEVER OPERATOR VALVE SERVICE : FOR UTILITY SERVICES SIZE : 2.000IN VALVES BALL Valve Sr. No's.: 15014382 - 01 TO 15 Tag No.: VBGJ10KM	each	15	15	15	15
4	2002335134	Engg.Code :VBGJ10KM 3.000 3.000IN , Valve - Ball,Cast Carbon Steel Per ASTM A216 Grade WCB,Class 150,Flanged Raised Face,3.2/6.3 Ra Facing,Full Bore,API 6D, Split Body, Seat Supported Solid Ball,316 Stainless Steel Ball and Stem, RTFE Seats,Graphoil Gland Packing and Seals,Lever Operator,For Utility Services, COMPONENT TYPE : VALVE - BALL MATERIAL : CAST CARBON STEEL PER ASTM A216 GRADE WCB PRESSURE RATING : CLASS 150 END CONNECTION : FLANGED RAISED FACE FACING : 3.2/6.3 RA FACING VALVE BORE TYPE : FULL BORE VALVE DESIGN CODE : API 6D, SPLIT BODY, SEAT SUPPORTED SOLID BALL VALVE TRIM : 316 STAINLESS STEEL BALL AND STEM, RTFE SEATS VALVE PACKING : GRAPHOIL GLAND PACKING AND SEALS VALVE OPERATOR : LEVER OPERATOR VALVE SERVICE : FOR UTILITY SERVICES SIZE : 3.000IN VALVES BALL Valve Sr. No's.: 15014515 - 01 TO 17	each	17	17	17	17

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Tag No.: VBGJ10KM

Reference Documents:

Sr. No.	Document Name	Client Document Number	Vendor Document Number	Approval Status
1	PR/MR/ARM	PB-J22N01-D1JJG-PV0008-WIPL-Q-00	Not applicable	Client document
2	QAP/ITP/QCP	PB-J22N01-D1JJG-PV0008-WIPL-P-00-F-E000-A05-001 Rev-02	MB-20009027/QAP/BLV Rev-01	Approved in Code-1
3	Drawing(s)	1) PB-J22N03-D1JJG-PV0008-JSI-P-00-F-E000-B02-005 Rev-01 2) PB-J91001-D10JJG-PV0008-WIPL-S-00-F-E000-B02-043 Rev-00	1) PDBLV173550-A Rev-01 2) PDBLV136870 Rev-00	-
4	Datasheet(s)	Not applicable	Not applicable	Not applicable
5	Procedure(s)	-	-	-
6	Others(Specify)	Not applicable	Not applicable	Not applicable

Stages Witnessed:

- 1) QAP Sr. No. 3 - Final inspection (Before Painting)
(10% witnessed Valve sr. No's.: 15014179-01, 15014381 - 02, 15014382 - 02, 15014515 - 09, 15014515 - 15)
- 3.1 - Hydro shell test witnessed for 10% per size of offered Qty. - Found acceptable.
- 3.2 - Hydro seat test (Both direction) witnessed for 10% per size of offered Qty. - Found acceptable.
- 3.3 - Pneumatic seat test (Both direction) witnessed for 10% per size of offered Qty. - Found acceptable.
- 3.4 - Functional test (Open / Close) for smooth operation witnessed for 10% per size of offered Qty. - Found acceptable.
- 3.5 - Dimensional inspection witnessed for 10% per size of offered Qty. - Found acceptable.
- 3.8 - Final painting inspection DFT, Colour shade, Adhesion test cross cut method witnessed 10% per size of offered Qty. - Found acceptable.
- 3.9 - Name plate, Tagging, Marking witnessed for 10% per size of offered Qty. - Found acceptable.

Documents Reviewed:

- 1) Inspection Offer list reviewed - Found acceptable.
 - 2) QAP Sr. No. 1 - Incoming Material Inspection
 - 1.1 - TC's reviewed for Chemical, mechanical, heat treatment, visual for Body & End connector - Found acceptable.
 - 1.2 - TC's reviewed for Chemical, mechanical, heat treatment, IGC for Ball & Stem - Found acceptable.
 - 1.3 - TC's reviewed for Fasteners Chemical, mechanical, heat treatment Body & End connector joining - Found acceptable.
 - 1.5 - TC's reviewed for Gland packing - Found acceptable.
 - 3) QAP Sr. No. 2 - In process inspection
 - 2.1 - MPI report reviewed for Body, End connector & DP report for Ball, Stem - Found acceptable.
 - 2.2 - COC reviewed for PMI of Ball & Stem - Found acceptable.
 - 4) QAP Sr. No. 3 - Final inspection
 - 3.1, 3.2, 3.3, 3.4, 3.5 - Valve test certificates reviewed for Hydro shell, Hydro seat, Pneumatic seat test, Functional test & Dimensional inspection - Found acceptable.
 - 3.7 - FET report reviewed as per ISO 15848-I - Found acceptable.
- QAP Sr. No. 3 - Final inspection
3.8 - Painting inspection report reviewed - Found acceptable.

NCR / Waiver: (If Any)

None.

Identification:

Witnessed valves double and other valves single hard stamped as  on body flange OD.

Order status:

☒ Complete ☐ Incomplete

Date(s) of Inspection:

, 23/08/2025, 24/08/2025, 05/09/2025

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Conclusion:

All items were inspected within the scope defined in PO, approved QAP/ITP/QCP & specifications - found to meet the specified requirements. .



PRADEEP HALBHAVI

Surveyor(S) to TUV India Private Limited

Scan For Verification

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