

TUV India Control No: (SAP Number)	050104123122/2 (8120359751)	Date:	14/05/2024
Project Name & Location:	Third Party Inspection Services of CNG Cascade	TUV India Branch Name:	Delhi
TUV India Client Name:	INDORUSS SYNERGY PRIVATE LIMITED	End User Name:	INDORUSS SYNERGY PRIVATE LIMITED(40579)
DEC / PMC / EPC Name: (If applicable)	-	DEC / PMC / EPC Assignment Number: (If applicable)	-
Vendor Name & Location:	INDORUSS SYNERGY PRIVATE LIMITED	P.O. Number: (Client PO on Vendor)	PLCGD/Materials/23/04 Dated 12/06/2023
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	-	8930 WL type 4 Cascade capacity : 9830 ltrs. (190X47 Nos.) (Serial No : INDORUSS/IOCL/47/03)	number	4	1	1	1
1	-	8930 WL type 4 Cascade capacity : 9830 ltrs. (190X47 Nos.) (Serial No : INDORUSS/IOCL/47/04)	number	1	1	1	1

Reference Documents:

Sr. No.	Document Name	Client Document Number	Vendor Document Number	Approval Status
1	PR/MR/ARM	-	-	-
2	QAP/ITP/QCP	ISPL/IOCL/8930/QAP/01 Date : 17/08/2023	-	Approved by VCS Quality Services Pvt. Ltd
3	Drawing(s)	ISPL/IOCL/01 Revision No : 003	-	Approved by VCS Quality Services Pvt. Ltd
4	Datasheet(s)	-	-	-
5	Procedure(s)	-	-	-
6	Others(Specify)	-	-	-

Stages Witnessed:

- Visual inspection of cascade carried out after painting and found satisfactory.
- QAP Sr. No. 1.1 : Dimensions checked of cascade with reference to approved drawing and found within acceptable limits.
- QAP Sr. No. 1.2 to 1.3 : Paint DFT checked on Cascade frame at random locations and observed DFT 200 to 240 microns against the minimum requirements 200 microns.
- QAP Sr. No. 1.2 to 1.4 : Paint DFT checked on Canopy Sheet at random locations and observed DFT 180 to 200 microns against the requirements 180 microns
- QAP Sr. No. 2 & 4 : Physically cylinder numbers verified and found in order as per name plate and filling permission. Also checked for proper spacing between cylinders.

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- 6) QAP Sr. No.3 : Visual inspection done of fitting & makes and found as per Drawing requirement.
- 7) QAP Sr. No. 7 : Witnessed Leak test of Pressure Line & Manifold assembly of cascade at 270Kg/cm² and no leakage or pressured drop observed with soap solution during pneumatic testing for holding period of 60 minutes.
- 8) QAP Sr. No. 8 : Leak test of vent manifold witnessed at 10 Kg/cm² and leakage or pressured drop observed with soap solution during pneumatic testing for holding period of 30 minutes and found satisfactory.
- 9) QAP Sr. No. 9 : Extra support with T4 6E clamp for pressure line checked and found satisfactory.
- 10) As per telephonic discussion with client offered after rectification

Witnessed Leak test of Pressure Line of cascade at 275Kg/cm² and no leakage or pressured drop observed with soap solution during pneumatic testing for holding period of 60 minutes.

Physically verified & checked part number, make, & co-relation with test certificate of additional Pressure Gauges (02 Nos each), NRV (02 Nos. each), QRC (02 Nos each) & two way valve (02 Nos each) and found in order .

Documents Reviewed:

- 1) QAP Sr. No. 2 : Cylinder PESO certificate & filling permission reviewed and found in order.
- 2) QAP Sr. No. 3 : MTC of Cylinder valves reviewed and found in order as per the requirement of approved GAD.
- 3) QAP Sr. No. 5 & 6 : MTC of tubes , fittings & valves etc. reviewed and found in order as per the GAD requirement.

NCR / Waiver: (if Any)

None.

Identification:All accepted items shared stamped as  on name plate .**Order status:**☐ Complete ☒ Incomplete**Date(s) of Inspection:**

, 28/03/2024, 30/03/2024, 01/04/2024, 13/05/2024

Conclusion:

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



Vikas Kumar

On behalf of Mohd Adil Ahmad

Surveyor(S) to TUV India Private Limited**Distribution List:** ☒ TUVI Client / End User ☒ TUV Executing Branch / TUV Originating Branch ☐ Vendor / Sub Vendor**Revision Number** (If Applicable) [0] : -**This Document Supersedes IRN No.:-**

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