

TUV INDIA PRIVATE LIMITED

INSPECTION VISIT REPORT

IVR-010112014920/37-1-Rev.0



General:						
TUV India Control Number: (SAP Number)	010112014920/37 (8116167470)		Branch:	Vadodara		
Notification Number:	E-mail dated; 26/04/ 2021		Date(s) of Inspection:	29/04/2021		
Project Name & Location:	Vizag Refinery Modernization Project		Inspection Location:	POR GIDC, Ramangamdi		
TUVIPL Client Name:	AIROIL FLAREGAS PRIVATE LIMITED		End User Name:	AIROIL FLAREGAS PRIVATE LIMITED		
DEC / PMC / EPC Name: (If applicable)	EIL		DEC / PMC / EPC Assignment Number: (If applicable)	B015		
Vendor Name & Location:	Silverline Power Infrastructure Pvt.Ltd.gamdi, Vadodara,Gujarat,India. Mob: +91-9687699885		P.O. Number: (Client PO on Vendor)	email Dated 27/04/2021		
Sub Vendor Name & Location: (If applicable)	-		P.O. Number: (If applicable - Vendor PO on Sub Vendor)	-		
Stages Of Inspection:						
<input type="checkbox"/> Kick Off / Pre Inspection Meeting		<input type="checkbox"/> Material Identification		<input type="checkbox"/> Interim Stages		
<input checked="" type="checkbox"/> Document Review		<input checked="" type="checkbox"/> Final Inspection		<input type="checkbox"/> Re-Inspection		
Item Description:						
P.O. Item No.	Item Code	Item Description	UOM	P.O. Quantity	Offered Quantity	Acceptable Quantity
1	NA	Cable Tray Perforated 2.5T X 50 mm W X 30mm H with cover Hot Dip Galv. Job#006390 Along with hot dip galvanized clamps for bottom typer cable tray 50 X 30 X 2.5 mm with SS-304 Hardware (200 Nos)	MTR	250	250 (100 Nos)	250 (100 Nos)
2	NA	Cable Tray Perforated 2.5T X 150 mm W X 75mm H with cover Hot Dip Galv. Job#006390 Hot dip galvanized Coupler plate with SS-304 Hardware Along with hot dip galvanized clamps for bottom typer cable tray 150 X 75 X 2.5 mm with SS-304 Hardware (220 Nos)	MTR	275	275 (110 Nos)	275 (110 Nos)
3	NA	Cable Tray Ladder type 2T X 750 mm W X 100mm H Hot Dip Galv. Job#006390 Coupler plate with SS-304 Hardware Along with hot dip galvanized clamps for bottom type cable tray 750 X 100 With SS-304 Hardware (124 Nos)	Nos	186	186 Mtr (62 Nos)	186 Mtr (62 Nos)
Reference Documents:						
Sr. No.	Document Name	Client Document Number	Vendor Document Number	Approval Status		
1)	QAP/ITP/QCP	NA	SPIPL/AFPL/2020-21, dated; 05/08/2020	Approved with comments by Client		

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2)	Drawing(s)	NA	1) SPIPL/AFPL/001 TO 005	Approved with comments by Client
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Inspection Activities Carried Out:**Stages Witnessed:**

1)	ITP/QAP Sr. No. B2; Dimension inspection carried out for ladder and perforated type cable tray lot wise (one sample each from a lot of 100 Nos) - found to meet the approved drawing and applicable specification requirements
2)	ITP/QAP Sr. No.; B1 Visual inspection carried out for ladder and perforated type cable tray lot wise (one sample each from a lot of 100 Nos) - found burr in slot corner, bend portion in covers, ladder tray & perforated trays galvanizing lumps etc. observed which is need to be rectified before dispatch of material. Note that; Visual points are applicable for 100% quantity and manufacturer need to be rectify all the parts for above mentioned in points (if required).
3)	ITP/QAP Sr. No. C3; DFT checked for ladder and perforated type cable tray lot wise (one sample each from a lot of 100 Nos) - Found to meet the approved drawing requirements (Ave, More than 86 Microns for all inspected parts)
4)	ITP/QAP Sr. No.; C4; hammer test witnessed on sample (one sample from total lot) - no any flaking observed and result found as per applicable specification - acceptable
5)	ITP/QAP Sr. No. C5; Knife Test witnessed on sample (one sample from total lot) - No any flaking observed and result found as per applicable specification - acceptable
6)	Coupler plate fitment checked and found to meet the approved drawing requirements.

Documents Reviewed:

1)	ITP/QAP Sr. No. A1 to A4; Copies of Raw material test certificates declare by manufacturer and endorsed by M/s. Silverline are reviewed for its technical contents only - found to meet the approved drawing and applicable specification requirements.
2)	Calibration Certificates are reviewed - found in order

Details of Equipment(s) / Instrument(s) used for measuring / testing During Inspection: (Refer Notes)

Sr. No.	Detail of Equipment(s)/ Instrument(s)	Range	ID	Validity till Date	Calibration Certificate Number	NABL / OTHER CERT. BODIES / NABL Traceability	NON-NABL
						Please tick or Write Yes (whichever is applicable)	
						See Note 1 & 2	See Note 3
1)	Coating Meter	0 to 1250 Microns	93180	11/08/2021	CCS/2228/20-21, dated; 12/08/2020	Yes	-
2)	Vernier calliper	0 to 160 mm	--	11/08/2021	CCS/2230/20-21, dated; 12/08/2020	Yes	-
3)	Measuring Tape	0 to 5 Mtr	NA	17/02/2022	Invoice No. T-687	-	Yes

Notes:

- 1) Other Certifying bodies are: NPL-India, CIPM (International Committee for Weights & Measures), ILAC & APLAC MRA Signatories.
 2) Visiting inspector to ensure continued suitability for intended use, periodic maintenance, proper identification and valid calibration records and traceability to known National / International standards of the measuring instrument(s) / testing equipment(s).
 3) Non NABL: If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.
 4) In lieu of table above inspectors may collect master list from manufacturer / vendor/ sub vendor with all above details clearly highlighting the details of instrument(s) / equipment(s) used during inspection.

Conclusion (Acceptable / Not Acceptable / Acceptance subject to):

Acceptable subjected to points mentioned in areas of concern
 IRN can not be issued for all items. NA

Pending activities:

None from this inspection visit

Identification of inspected Item(s):

NA

Areas of Concerns:

a) Visual inspection carried out for ladder and perforated type cable tray lot wise (one sample each from a lot of 100 Nos) - found burr in slot

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corner, bend portion in covers, ladder tray & perforated trays galvanizing lumps etc. observed which is need to be rectified before dispatch of material

b) PO Item No. 3, Cable Tray Ladder type 2T X 750 mm W X 100mm H,

b1 - as per PO, Require quantity in Nos (186 Nos Required) but manufacturer offered in 186 Mtrs (62 Nos) - this is for your information and necessary action if required.

c) Hardware material for perforated tray 50 X 30 X 2.5 X 2500 mm

c-1; HDGI M8 X 20 mm Bolt, Nut & Washer mentioned near coupler plate and SS - 304 mentioned in notes - client to confirmed for acceptance before dispatch.


Non Conformities raised / Discrepancies observed during inspection (If Any, Mention TUV India NCR Number):

None

Attachments:

<input checked="" type="checkbox"/> Inspection records – Total Page Nos. 04	<input checked="" type="checkbox"/> Master List of calibrated Instruments / equipment : 03
<input checked="" type="checkbox"/> Inspection Photos – Refer Page Nos. 4 to 8	<input checked="" type="checkbox"/> Others (Specify) : None

Authorised Signature:

TUV India representative:	Vendor / Sub Vendor Representative (If Applicable):
	
Name: Dipesh Makwana Date: 29/04/2021	Name:

Distribution List: ☐ TUVI Client / End User ☐ TUVI Executing Branch / TUV Originating Branch ☐ Vendor / Sub Vendor

Revision Number (If Applicable): 0 –

This Document Supersedes IVR No. :-

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Inspection Pictures

Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



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Inspection Pictures

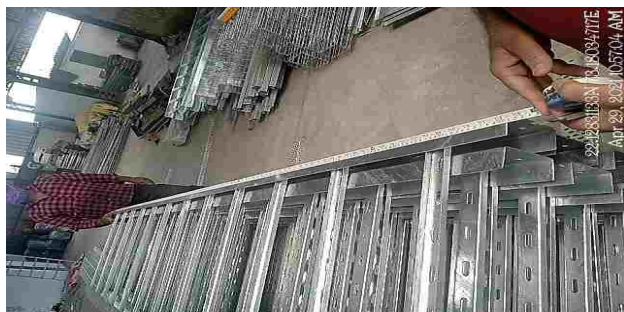
Dimension & Visual inspection of cable tray



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Inspection Pictures

Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



Dimension & Visual inspection of cable tray



DFT Measurements



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Inspection Pictures	
DFT Measurements	DFT Measurements
DFT Measurements	DFT Measurements
DFT Measurements	Hammer Test

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Inspection Pictures

Hammer Test



Knife test



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