

	OWNER REFERENCE		SILVERLINE POWER INFRASTRUCTURE PVT.LTD. PLOT NO.100, GIDC ESTATE, POR-RAMANGAMI, VADODARA QUALITY ASSURANCE PLAN FOR CABLE TRAYS	PROJECT	VRMP,HPCL, VIZAG (Project)
	PO NO.	04/006390/20200335		QAP NO.	SPIPL/AFPL/2020-21
	PO DATE	31/07/2020		REV. NO.	
	PROJECT CODE	Nil		DATE	05/08/2020
				CONTRACTOR	-
				CLIENT	AIROIL FLAREGAS PVT. LTD.

Sr. No.	Components & Operation	Type of Check	Characteristics	Classification	Quantum	Reference Documents	Acceptance Norms	Format of Records	Agency				Remarks
									M	L	C	O	
A	Raw Material												
A1	M S Sheet	Visual	Material as per internal Project Code Specifications	Major	Per HEAT	Material as per internal Project Code Specifications	Material as per internal Project Code Specifications	Test Certificates	P	X	R	R	
A2	M S Sheet	Dimensional	Material as per internal Project Code Specifications	Major	Per HEAT	Material as per internal Project Code Specifications	Material as per internal Project Code Specifications	Test Certificates	P	X	R	R	
A3	M S Sheet	Physical Test	Material as per internal Project Code Specifications	Major	Per HEAT	As Per IS 2062 / IS 1079	As Per IS 2062 / IS 1079	Raw Material Manufacturer Test Certificates Will Be Submitted	X	X	R	R	
A4	M S Sheet	Chemical Test	Material as per internal Project Code Specifications	Major	Per HEAT	As Per IS 2062 / IS 1079	As Per IS 2062 / IS 1079	Raw Material Manufacturer Test Certificates Will Be Submitted	X	X	R	R	
A5	M S Sheet	Internal Inspection report	Material as per internal Project Code Specifications	Major	Per HEAT	As Per IS 2062 / IS 1079	As Per IS 2062 / IS 1079	Test Certificates	P	X	R	R	

B	Process Inspection												
B1	Ladder and Perforated Type Cable Trays	Visual	Material as per internal Project Code Specifications	Major	Lotwise (One Sample From a lot of 100 Nos.)	Order Specifications / Approved drawings	Order Specifications / Approved drawings	Test Certificates	P	X	R	R	
B2	Ladder and Perforated Type Cable Trays	Dimensional	Material as per internal Project Code Specifications	Major	Lotwise (One Sample From a lot of 100 Nos.)	Order Specifications / Approved drawings	Order Specifications / Approved drawings	Test Certificates	P	X	R	R	
B3	Ladder and Perforated Type Cable Trays	Internal Inspection report	Material as per internal Project Code Specifications	Major	Lotwise (One Sample From a lot of 100 Nos.)	Order Specifications / Approved drawings	Order Specifications / Approved drawings	Test Certificates	P	X	R	R	

C	COATING												
C1	Hot Dip Galvanizing Process	Zinc Coating Process	Material as per internal Project Code Specifications	Major	-	As Per IS 2629	As Per IS 2629	Test Certificates	P	X	R	R	<div style="border: 2px solid red; padding: 5px; color: red; font-weight: bold;"> EIL Spec no. 7-51-0333, Rev. 3 shall fully comply. </div> Approved with commented
C2	Mass Of Zinc Coatings by Striping Test	Zinc Coating Thickness in g/m ²	Material as per internal Project Code Specifications	Major	One Sample Test Coupon Per PO	For Perforated Tray 460 Gm/m² For Ladder Tray 610 Gm/m ²	For Perforated Tray 460 Gm/m² For Ladder Tray 610 Gm/m ²	Test Certificates	X	P	V	R	
C3	Uniformity of Zinc Coating	Zinc Coating Thickness in Microns	Material as per internal Project Code Specifications	Major	One Sample Test Coupon Per PO	For Perforated Tray 65 Micron For Ladder Tray 85 Gm/m ²	For Perforated Tray 65 Micron For Ladder Tray 85 Gm/m ²	Test Certificates	X	P	W	R	
C4	Hammer Test	On Zinc Coating	Material as per internal Project Code Specifications	Major	One Sample Test Coupon Per PO	As Per IS 2629	As Per IS 2629	Test Certificates	X	P	W	R	
C5	Knife Test	On Zinc Coating	Material as per internal Project Code Specifications	Major	One Sample Test Coupon Per PO	As Per IS 2629	As Per IS 2629	Test Certificates	X	P	W	R	

LEGENDS: 1) M- Manufacturer, 2) L- Manufacturer Testing Laboratory, 3) C- Contractor (If Any), 4) O - Client, 5) P-Perform, 6) V-Verify, 7) W-Witness, 8) R-Review

