

	<b>MANUFACTURER'S NAME AND ADDRESS:</b> M/s. SATYAM COMPOSITES PVT. LTD. Survey No.38, Nr, G.I.D.C Estate, Por - Ramangamdi Road, Village : Ramangamdi, Dist : Vadodara – 391 243, Gujarat		<b>MANUFACTURING QUALITY PLAN</b>						PROJECT : PACKAGE : CONTRACT NO: MAIN SUPPLIER: P.O Ref:					
			ITEM : FRP Cable Trays & Accessories			QP NO: SCPL/SRS/534 REV. NO: 00 DATE: PAGE: 1 of 2								
SUB-SYSTEM : Inspection Category: II			CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY			REMARKS
S.NO	COMPONENT & OPERATIONS	CHARACTERISTICS			M	C/B					M	C	B	
1	2	3	4	5	6		7	8	9	D*	**10			11

<b>1 RAW MATERIAL &amp; BOUGHT OUT ITEMS</b>													
1.1	Glass Fiber	a) Physical b) Chemical	Major	Visual Chemical	-	-	BS EN 14020 / Drawings/ data sheet	TR	✓	V	V	---	
1.2	Resin	Chemical	Major	Chemical	-	-	ASTM/IS 6746/ Drawings/ data sheet	TR	✓	V	V	---	
1.3	Hardware	a) Physical b) Chemical	Major	Visual Chemical	-	-	SS 304/ data sheet	TR	✓	V	V	---	
<b>2 IN-PROCESS INSPECTION</b>													
2.1	Dimensional checks	Dimensions (Length, Width & height)	Major	Measurement Visual	100%	-	Approved vendor Drawings/ data sheet	TR		P	V	---	
2.2	Visual checks	Crack	Major	Visual	100%	-	Free from Cracks	TR		P	V	---	
		Surface finish	Major	Visual	100%	-	Free from burr /any inclusions	TR		P	V	---	
		Colour	Major	Visual	100%	-	Approved vendor Drawings/ data sheet	TR		P	V	---	
<b>3 FINAL INSPECTION</b>													
3.1	Routine Tests	a) BOM Verification	Major	Visual	100%	20%	Approved vendor Drawings/ data sheet	IR		P	W	V	
		b) Dimensional & visual verification	Major	Measurement Visual	100%	20%		IR		P	W	V	


 MANUFACTURER	SIGNATURE	MAIN SUPPLIER	LEGEND: * RECORDS, IDENTIFIED WITH "TICK" SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION. ** M: MANUFACTURER/SUB-SUPPLIER, C: MAIN SUPPLIER, B: CLIENT P: PERFORM W: WITNESS AND V: VERIFICATION OF DOCUMENT TR: Test Report, IR: Inspection Report	FOR CLIENT USE	DOC. NO.:SCPL-SRS-QAP-		
					REVIEWED BY	APPROVED BY	APPROVAL SEAL

	<b>MANUFACTURER'S NAME AND ADDRESS:</b> M/s. SATYAM COMPOSITES PVT. LTD. Survey No.38, Nr, G.I.D.C Estate, Por - Ramangamdi Road, Village : Ramangamdi, Dist : Vadodara – 391 243, Gujarat		<b>MANUFACTURING QUALITY PLAN</b>						PROJECT : PACKAGE : CONTRACT NO: MAIN SUPPLIER: P.O Ref:					
			ITEM : FRP Cable Trays & Accessories			QP NO: REV. NO: 00 DATE: 06/03/2019 PAGE: 2 of 2								
SUB-SYSTEM : SG Inspection Category: I														
S.NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY			REMARKS
					M	C/B				D*	M	C	B	
1	2	3	4	5	6		7	8	9	D*	**10			11

3.1	Routine Tests	c) Tensile strength	Major	Mechanical	minimum one Sample for Whole Lot	ASTM D 638	IR	✓	P	W	V	
		d) Flexural strength	Major	Mechanical		ASTM D 790	IR	✓	P	W	V	
		e) Compressive strength	Major	Mechanical		ASTM D 695	IR	✓	P	W	V	
		f) Barcol hardness	Major	Mechanical		ASTM D 2583	IR	✓	P	W	V	
		g) Glass Content	Major	Mechanical		NEMA -FG-1-1993	IR	✓	P	W	V	
		h)Water Absorption Test	Major	Mechanical		NEMA -FG-1-1993	IR	✓	P	W	V	
		i) Flammability test	Major	Mechanical		IS 6746	IR	✓	P	W	V	
		j)Load deflection test	Major	Electrical	Minimum one Sample from each size & type	ASTM D 635	IR	✓	P	W	V	

**Major list of Raw Material/ Bought out items**

S.No	Item Description	Make
1	Glass Fiber	Owens Corning/Jushi/Binani
2	Resin	NETWORK POLYMERS PVT LTD/MECHEMCO/CREST

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