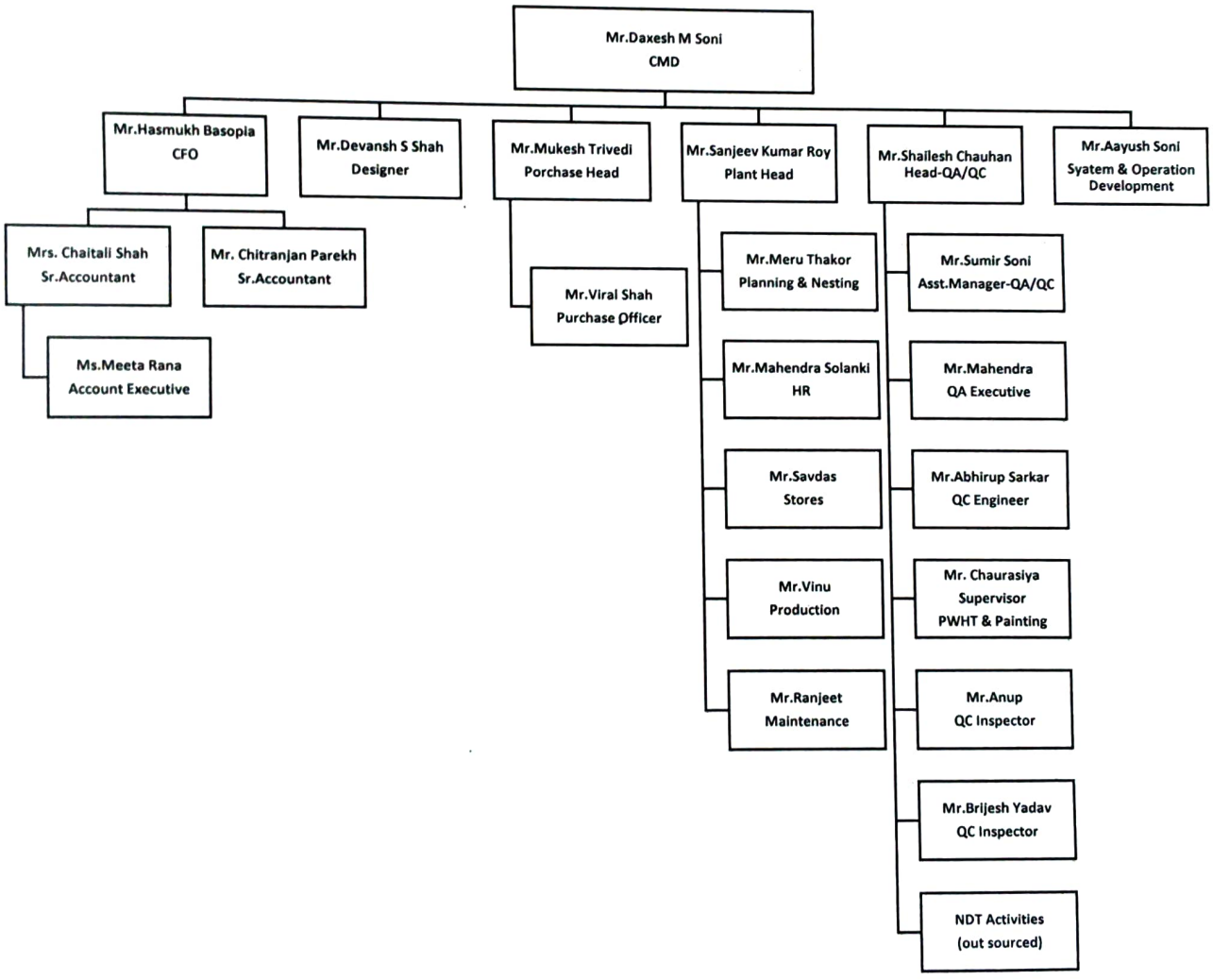
QAP FORMAT AS PER FOLLOWING

1. Revision Sheet

QAP is a dynamic document which undergoes modifications due to system improvement, any production or quality process change, machinery and plant change etc. and hence requires clear documentation regarding revision particulars of the document. It aids in keeping track of various changes made by the firm regarding quality assurance procedures. Hence, status and reason for amendment/ revision must be part of QAP. Therefore, it is proposed to have a revision status sheet as Section '0' as a part of standard QAP format.

(A) ORGANISATION CHART- Organizational Chart, clearly indicating the Quality Control Set-up, role and responsibilities of key personal.

PARASMANI ENGINEERING PVT. LTD ORGANIZATION CHART



For, Parasmani Engineering (P) Ltd.

Director

(B) QUALIFICATION/EXPERIENCE OF PERSONNEL:

i. Details of qualification/experience of the quality control personnel specified in the STR/Specification of RDSO of the items applied for approval/renewal

SN	Requirements as per STR/Spec.				Details of personnel employed				
	STR/Spec. Para No.		Qualification Specified in Spec. /STR	Experience Specified in Spec. /STR	Name	Dsgn.	Technical Qualification	Experience	Brief scope of responsibilities
	STR/Spec	Para							
1	7.5.3. 1-4	4.1			Shailesh Chauhan	General Manager – QA/QC (Head)	Diploma in Mechanical Engineering (DME)	18+ Years	Overall in-charge of Quality Assurance and Quality Control
2	7.5.3. 1-4	5.17			Sumir Soni	Ass. Manager – QA/QC	B.E	18+ Years	Responsible for monitoring and controlling all Quality Assurance & Quality Control activities
3	7.5.3. 1-4	5.17			Abhirup Sarkar	QC Engineer	B.Tech	1	Conducting visual inspection of welded joints as per approved WPS, drawings, and applicable standards.
4	7.5.3. 1-4	5.17			Anup	QC Inspector	ITI	5	Conducting inspection of fabricated approved drawings, specifications, QAP.
5	7.5.3. 1-4	5.17			Brijesh Yadav	QC Inspector	ITI	5	Assisting QA/QC Engineers.
6	7.5.3. 1-4	5.17			Syam Sundar Chaurasiya	Surface Preparation & Painting Supervisor	ITI	25+ Years	Coordinating with inspection agencies and QA/QC

ii. Details of Manpower requirements other than quality control section as per Spec. /STR/IS

SN	Requirements as per STR/Spec.				Details of personnel employed				
	STR/Spec. Para No.		Qualification Specified in Spec. / STR	Experience Specified in Spec. / STR	Name	Dsgn.	Technical Qualification	Experience	Brief scope of responsibilities
	STR/Spec	Para							
1.	7.5.3. 1-4	4.1			Sanjeev Kumar Roy	CTO Plant Head	DME +CS WIP3.1 + ISNT Level II ASNT Level II	35 + Years	Overall in-charge of plant operations
2.	7.5.3. 1-4	4.1			Hasmukh Basopiya	CFO	CA	35+ Years	Responsible for financial management

For, Parasmani Engineering (I) Pvt. Ltd.

Director

3.	7.5.3. 1-4	4.1			Chaitali Shah	Accoutant	CA	10+ Years	Responsible for preparation of Accounting entries
4.	7.5.3. 1-4	4.1			Mukesh Trivedi	Purchase Head	DME + PDPE	30 + Years	Responsible for procurement planning, vendor development and evaluation
5.	7.5.3. 1-4	4.1			Viral Shah	Purchase Executive	B. Com	7+ Years	Responsible for obtaining quotations against material indents
6.	7.5.3. 1-4	4.1			Vinal Thakor	Production Engineer	DME	5 + Years	allotment to fabrication team, ensure Raw material
7.	7.5.3. 1-4	4.1			Meru Thakor	Nesting Executive	ITI & AutoCad	5 + Years	Responsible for preparation of nesting plans, BOQ verification
8	7.5.3. 1-4	4.1			Savdash Ranua	Store Incharge	B.Com	5 + Years	Responsible for raising material
9	7.5.3. 1-4	4.1			Vipin Yadav	Logostic Incharge	B.A	6 + Years	Responsible for preparation of loading plans, dispatch scheduling
10	7.5.3. 1-4	4.1			Ranjeet	Maintenance	ITI	7 + Years	Responsible for carrying out preventive and breakdown maintenance of plant
11	7.5.3. 1-4	4.1			Sanjay Kumar	Store Executive	B.A	8 + Years	Responsible for material receipt

iii. Qualification of other key personnel and the officials deployed in quality control cell

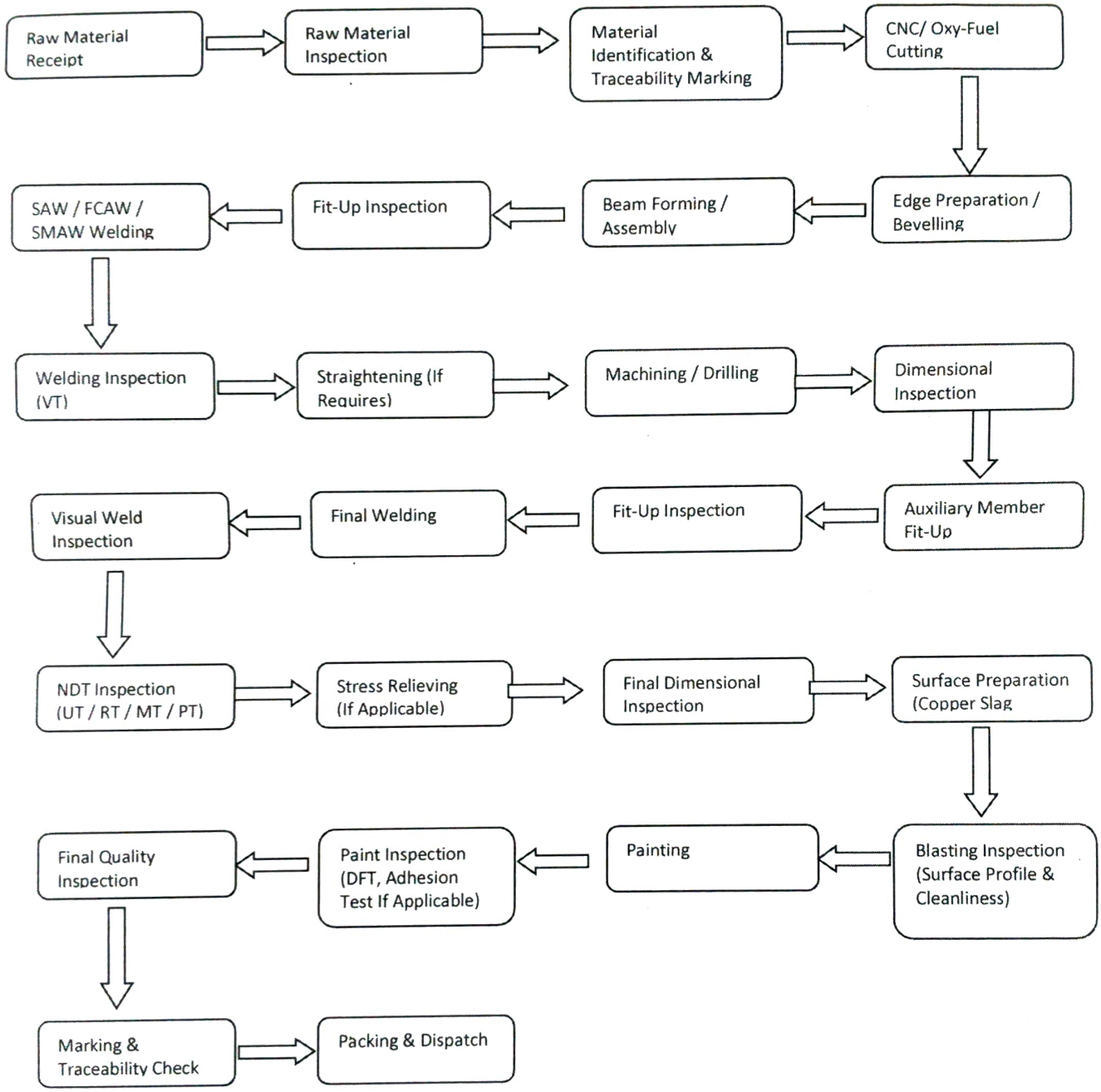
SN	Name	Designation	Tech. Qualification	Experience	Brief scope of responsibilities
1	Devansh S Shah	Designer	M Tech-Civil	2 Years	Design and Drawings of Fabrication Using 3D/2D Software: AutoCAD, Staad pro and Tekla

For, Parasmani Engineering (P.) Ltd.

Director

C) PROCESS FLOW CHART/DESCRIPTION OF MANUFACTURING PROCESS:

a)Part I: Process Flow Chart indicating process of manufacture for an individual product, with quality control points.



For, Parasmani Enginee... P.)

Director

b) Part II: **Brief description of different manufacturing process mentioned in flow chart:**

i) **Details of the manufacturing & testing process specially mentioned in the specification**

SN	Para No. of Spec.	Requirement of Manufacturing/ Testing Process as per Spec.	Details of the process being installed/ follows
1	Material Control	Raw material shall conform to approved grade and specification with traceability.	All incoming plates, sections and consumables are inspected against MTCs. Heat numbers are verified and traceability maintained throughout fabrication.
2	Material Identification	Identification and traceability shall be maintained during manufacturing.	Unique identification marks and heat numbers are transferred to all cut components and maintained up to dispatch stage.
3	Cutting Process	Material shall be cut as per approved drawings and tolerances.	CNC Plasma Cutting and Oxy-Fuel Cutting Machines are used for precision cutting of plates and sections.
4	Edge Preparation	Weld edges shall be prepared as per approved WPS and drawings.	Bevelling, grinding and cleaning of edges are carried out before fit-up and welding operations.
5	Beam Forming	Components shall be assembled as per approved fabrication drawings.	Web and flange plates are assembled using Beam Forming Machines to achieve required geometry.
6	Fit-Up Inspection	Fit-up shall be checked before welding.	Alignment, root gap, square ness and dimensional parameters are verified and recorded before welding.
7	Welding Process	Welding shall be carried out as per approved WPS/PQR by qualified welders.	SAW, FCAW, GMAW and SMAW welding processes are employed using approved WPS and qualified welders..
8	Welding Consumables Control	Flux and electrodes shall be properly dried and stored.	Flux Drying Oven, Electrode Baking Oven and Portable Ovens are used to maintain consumables as per WPS requirements
9	Weld Inspection (VT)	Welds shall be visually inspected during and after welding.	100% visual inspection is carried out for weld profile, penetration, surface defects and workmanship.
10	Straightening	Distorted members shall be straightened within permissible tolerances.	Mechanical/Hydraulic Straightening Machine is used to correct welding distortions.
11	Machining & Drilling	Holes and machined surfaces shall conform to drawing requirements.	CNC Drilling Machines and Magnetic Drills are used to produce accurate holes and machined features.
12	Dimensional Inspection	Fabricated members shall meet dimensional tolerances.	Dimensions, alignment, camber, hole locations and geometry are checked using calibrated instruments.
13	Auxiliary Fit-Up	Secondary members shall be assembled as per approved drawings.	Stiffeners, connection plates, diaphragms and auxiliary components are fitted and inspected.
14	Final Welding	Completion of all welding activities as per approved procedures.	Final welding of auxiliary members and connections is carried out under controlled conditions.
15	NDT Inspection	Welds shall be subjected to NDT as specified in QAP and drawings.	UT, MT and PT are performed by qualified personnel using calibrated equipment as per approved procedures.
16	Stress Relieving (If Applicable)	Stress relieving shall be carried out where specified.	Stress relieving is performed in accordance with drawing/specification requirements whenever applicable.
17	Final Dimensional Inspection	Final geometry and dimensions shall be verified before surface preparation.	Complete dimensional checks are conducted and records maintained prior to blasting.

For, Parasmani Engineers

Director

18	Surface Preparation	Surface shall be blast cleaned to specified cleanliness standard	Abrasive blasting is carried out to achieve the specified cleanliness grade and surface profile.
19	Blasting Inspection	Surface preparation quality shall be verified	Surface cleanliness and profile are checked using approved inspection methods and gauges.
20	Painting Process	Protective coating system shall be applied as per painting specification	Primer and finish coats are applied using airless spray equipment under controlled environmental conditions.
21	Paint Inspection	Coating thickness and quality shall be verified	DFT, visual appearance and environmental parameters are checked and recorded.
22	Final Quality Inspection	Finished product shall comply with specification and approved drawings	Dimensional, welding, NDT and painting records are reviewed before release for dispatch.
23	Marking & Traceability	Finished members shall be identified for erection and traceability.	Member numbers, orientation marks and dispatch identification are marked as per approved drawings
24	Packing & Dispatch	Product shall be protected during transportation	Fabricated members are packed, loaded and dispatched with inspection clearance and quality records.

ii) Brief details of the other manufacturing process.

SN	Name of manufacturing process	Brief description
1	Conventional manufacturing Process	CNC Drill Machine Semi-Automatic Straightening Machine
2	Non-Conventional manufacturing process	CNC Plasma Cutting Machine
3	Joining manufacturing process	CNC Automatic Beam Welding Machine SAW Welding Machine

c) Brief description of ancillaries & additional units (if any):

i. Whether all the facilities are available at a single location (or) multiple locations –

ii. In case of multiple locations give details in following formats:

SN	units	Address	Whether unit is covered under factory license	Whether unit is ISO certified	Mfg. processes details
1	NA	NA	NA	NA	NA

(D) DETAILS OF SUB-ASSEMBLIES / COMPONENTS MANUFACTURED IN- HOUSE AND OUTSOURCED:

a) Part I: Details of in-house manufactured (Components/sub-assemblies)

SN	Item Name	Drawing No.
NA	NA	NA

b) Part II: Details of components/Sub-assemblies purchased from vendors approved by any vendor approving unit of IR

SN	Item Name	Drawing No.	Is it a primary item of any vendor approving unit	Is it a sublet item of any vendor approving unit	Name of the source
NA	NA	NA	NA	NA	NA

For, Parasmani Engineering (P.) Ltd.

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c) Part III: Details of items outsourced from vendors other than approved by any vendor approving unit of IR

SN	Item Name	Drawing No.	Name of the source	Frequency of review of the performance of sublet source
NA	NA	NA	NA	NA

(E) **INCOMING RAW MATERIAL & INPROCESS/FINAL INSPECTION**: Stage inspection detailing inspection procedure, inspection parameters, method of testing/test procedure including sample sizes for destructive and non- destructive testing etc.

a) **Part I: Incoming raw materials/parts/sub-assemblies**

SN	Incoming product/ assembly	Sample size and its frequency of inspection	Parameters for inspection	Mode of inspection/ equipment used	Acceptance limit/criteria/ Specified value	Rejection and disposal: Re-processed and Scrapped	Traceability register no.
1	Structural Steel Plates (IS 2062 E250/E350)	Each heat / lot	Grade, Thickness, Dimensions, Surface Condition, MTC Verification	Visual, Micrometre, Vernier Calliper, Ultrasonic Thickness Gauge, MTC Review	As per IS 2062, Approved Drawing & PO	Rejected material segregated and returned to supplier	PEPL/QC/F-01
2	Structural Sections (Angles, Channels, Beams	Each lot	Size, Straightness, Grade, Surface Defects	Visual, Measuring Tape, Vernier	As per IS 808, IS 2062 & Drawing	Rejected/returned to supplier	PEPL/QC/F-01
3	Welding Electrodes / Wire	Each batch	Classification, Batch No., Storage Condition, Manufacturer Certificate	Visual & Certificate Verification	As per Approved ASME Sec. II C, WPS/PQR & IS/ AWS Standard	Rejected and isolated	PEPL/QC/F-13
4	Paint, Primer & Thinner	Each batch	Type, Batch No., Shelf Life, Manufacturer Certificate	Visual & Certificate Review	As per Painting Specification	Rejected and returned	PEPL/QC/F-13
5	Bought-out Components / Sub-Assemblies	Each lot	Dimensions, Material Grade, Surface Condition	Visual, Measuring Instruments	As per Approved Drawing & Specification	Rejected and segregated	PEPL/QC/F-13

For. Parasmani Engine...

Director

b) Part II: In process inspection (of the product)

SN	Name the process	Sample size and its frequency of inspection	Parameters for inspection	Mode of inspection/ equipment used	Acceptance limit/criteria/ Specified value	Rejection/ disposal	Corrective and preventive action	Traceability register no.
1	Material Identification & Marking	100%	Heat No., Material Grade	Visual Verification	Traceability maintained	Re-identification or rejection	Material traceability control	PEPL/QC/F-01 & PEPL/QC/F-09
2	Cutting During	100%	Dimensions, Edge Quality, Square ness	Measuring Tape, Vernier, Visual	As per Drawing Tolerance	Rework/Scrap	Machine calibration & operator training	PEPL/QC/F-02
3	Drilling / Hole Making	100%	Hole Diameter, Pitch, Edge Distance	Vernier, Plug Gauge	As per Drawing	Rework	Process control	PEPL/QC/F-03
4	Fit-up & Assembly	100%	Alignment, Gap, Distortion, Dimensions	Visual, Measuring Instruments	As per Approved Drawing/WPS	Rework	Root cause analysis	PEPL/QC/F-03
5	Base plate Fit-Up	100%	Alignment, Gap, Distortion, Dimensions	Visual, Measuring Instruments	As per Drawing	Rework	Root cause analysis	PEPL/QC/F-04
6	Welding	100% Visual, NDT as per\QAP	Weld Size, Profile, Defects	Weld Gauge, Visual Inspection	As per WPS, IS 9595, IRS/RDSO Requirements	Repair or Reject	WPS compliance monitoring	PEPL/QC/F-08
7	NDT (DPT)	As per QAP	Internal & Surface Defects	DPT Kit	Acceptance as per Applicable Code/QAP	Repair and re-test	Review welding parameters	PEPL/QC/F-05
8	NDT (MPT)	As per QAP	Internal & Surface Defects	MPI Kit	Acceptance as per Applicable Code/QAP	Repair and re-test	Review welding parameters	PEPL/QC/F-06
9	NDT (UT)	As per QAP	Internal & Surface Defects	UT Machine	Acceptance as per Applicable Code/QAP	Repair and re-test	Review welding parameters	PEPL/QC/F-07
10	Final Dimension	100%	Alignment, Gap, Distortion, Dimensions	Visual, Measuring Instruments	As per Approved Drawing/WPS	Rework	Root cause analysis	PEPL/QC/F-10
11	Surface Preparation	100%	Surface Cleanliness	Visual Comparator	As per Painting Specification	Rework blasting/cleaning	Process monitoring	PEPL/QC/F-11
12	Painting / Coating	100%	DFT, Uniformity, Adhesion	DFT Meter, Visual	As per Paint Specification	Repaint	Control environmental conditions	PEPL/QC/F-11

For, Parasmani Engineering Pvt. Ltd.

Director

c) Part III: Final internal inspection of the product by the firm

S N	Name the test/ process	Sample size and its frequency of inspection	Parameters for inspection	Mode of inspection /equipment t used	Acceptance limit/criteria/ Specified value	Rejection/ disposal Re-processed/Scrapped	Traceability register no.
1	Final Dimensional Inspection	100 %	Overall Dimensions, Hole Locations, Assembly Accuracy	Measuring Tape, Vernier, Total Station (if required)	As per Approved Drawing	Rework or Scrap	PEPL/QC/F-10
2	Visual Inspection of Welds	100%	Weld Profile, Undercut, Cracks, Porosity, Spatter	Visual, Weld Gauge	As per Applicable Welding Standard & QAP	Repair and Re-inspection	PEPL/QC/F-08
3	NDT Verification (DPT)	As per QAP	DPT Results	NDT Equipment	Acceptance as per Code/QAP	Repair and Re-test	PEPL/QC/F-05
4	NDT Verification (MPT)	As per QAP	MPT Results	NDT Equipment	Acceptance as per Code/QAP	Repair and Re-test	PEPL/QC/F-06
5	NDT Verification (UT)	As per QAP	UT Results	NDT Equipment	Acceptance as per Code/QAP	Repair and Re-test	PEPL/QC/F-07
6	Surface Preparation	100%	Surface Cleanliness	Visual Comparator	As per Painting Specification	Rework blasting / cleaning	PEPL/QC/F-11
7	Paint / Coating Inspection	100%	DFT, Coverage, Surface Finish	DFT Meter, Visual	As per Painting Specification	Repaint	PEPL/QC/F-11
8	Identification & Marking Verification	100%	Item No., Heat No., Drawing No.	Visual	Complete Traceability Available	Re-marking	PEPL/QC/F-09
9	Packing & Dispatch Inspection	100%	Packing, Protection, Documentation	Visual Verification	As per Dispatch Procedure	Re-pack	-
10	Final Release Inspection	100%	Conformance to Drawing, Specification & QAP	Inspection Report Review	Fully Compliant Product	Hold / Reject Lot	-

(F) CALIBRATION OF TESTING MEASURING EQUIPMENT:

a) Part I: In-house Testing facilities available for calibration with the firm

SN	Name of Master	Make	Range	Frequency of calibration	Traceability to national standard
NA	NA	NA	NA	NA	NA

b) Part II: Personnel trained for in house calibration

SN	Name	Qualification	Experience
NA	NA	NA	NA

For Parasnath Engineering

Director

(c) Part III: Calibration plan for the items identified for specified calibration in STR/Specification

SN	Measuring Equipment	Ref. Para of STR/Spec. / STR/Spec./Para no.	Range/Accuracy	Frequency specified in STR/Spec	In house/ out sourced	Name of Agency if outsourced
1	Measuring Tape	QAP / MQP Requirement	0–5000 mm	1 Year	Outsourced	National Calibration Service
2	Measuring Tape	QAP / MQP Requirement	0–15000 mm	1 Year	Outsourced	National Calibration Service
3	Measuring Tape	QAP / MQP Requirement	0–30000 mm	1 Year	Outsourced	National Calibration Service
4	Measuring Tape	QAP / MQP Requirement	0–50000 mm	1 Year	Outsourced	National Calibration Service
5	Measuring Tape	QAP / MQP Requirement	0–300 mm	1 Year	Outsourced	National Calibration Service
6	Measuring Tape	QAP / MQP Requirement	0–1000 mm	1 Year	Outsourced	National Calibration Service
7	Vernier Caliper	QAP / MQP Requirement	0–150 mm	1 Year	Outsourced	National Calibration Service
8	Vernier Caliper	QAP / MQP Requirement	0–300 mm	1 Year	Outsourced	National Calibration Service
9	Ultrasonic Thickness Gauge	QAP / MQP Requirement	1.2–300 mm	1 Year	Outsourced	National Calibration Service
10	Coating Thickness Gauge	QAP / MQP Requirement	0–25 mm	1 Year	Outsourced	National Calibration Service
11	Coating Thickness Gauge	Painting Specification / QAP	0–3000 µm	1 Year	Outsourced	National Calibration Service
12	Coating Thickness Gauge	Painting Specification / QAP	0–1500 µm	1 Year	Outsourced	National Calibration Service
13	Bevel Protractor	QAP / MQP Requirement	0°–360°	1 Year	Outsourced	National Calibration Service
14	Feeler Gauge	QAP / MQP Requirement	0.03–1.00 mm	1 Year	Outsourced	National Calibration Service
15	Welding Gauge	Welding Inspection Requirement	0–25 mm	1 Year	Outsourced	National Calibration Service
16	Weld Guage	Welding Inspection Requirement	3.2–25 mm	1 Year	Outsourced	National Calibration Service
17	Infrared Thermometer	Painting / PWHT Requirement	-50°C to 500°C	1 Year	Outsourced	National Calibration Service
18	Thermo Hygrometer	Painting / PWHT Requirement	0–50°C / 30–95% RH	1 Year	Outsourced	National Calibration Service
19	Right Angle	QAP / MQP Requirement	90° (6")	1 Year	Outsourced	National Calibration Service
20	Right Angle	QAP / MQP Requirement	90° (12")	1 Year	Outsourced	National Calibration Service
21	Right Angle	QAP / MQP Requirement	90° (24")	1 Year	Outsourced	National Calibration Service
22	Viscosity Cup	Painting Specification / QAP	As per Instrument Range	1 Year	Outsourced	National Calibration Service

For, Parasmani Engineering (P.) Ltd.

Director

d) Part IV: Calibration plan for other measuring equipment

SN	Measuring Equipment	Range/Accuracy	Frequency	In house/Outsourced	Name of calibration agency
1	SAW Welding Machine	1250 Amp	12 Months	Outsourced	National Calibration Service
2	SAW Welding Machine	1250 Amp	12 Months	Outsourced	National Calibration Service
3	SAW Welding Machine	1250 Amp	12 Months	Outsourced	National Calibration Service
4	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
5	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
6	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
7	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
8	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
9	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
10	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
11	MIG Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
12	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
13	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
14	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
15	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
16	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
17	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
18	ARC Welding Machine	400 Amp	12 Months	Outsourced	National Calibration Service
19	Temperature Indicator of Hot Air Oven (MOTHER OVEN)	Amb. To 250 °C	12 Months	Outsourced	National Calibration Service
20	Temperature Indicator of Hot Air Oven (MOTHER OVEN)	Amb. To 250 °C	12 Months	Outsourced	National Calibration Service
21	Temperature Indicator of Hot Air	50 to 300 °C	12 Months	Outsourced	National Calibration Service
22	Oven (PORTABLE OVEN)	50 to 300 °C	12 Months	Outsourced	National Calibration Service
23	Temperature Indicator of Hot Air	50 to 300 °C	12 Months	Outsourced	National Calibration Service
24	Oven (PORTABLE OVEN)	50 to 300 °C	12 Months	Outsourced	National Calibration Service

For, Parasmani Engineering (P) Ltd.

Director

(G) SYSTEM OF MAINTAINING THE DATA OF CUSTOMER COMPLAINTS / WARRANTY FAILURES

Warranty failures/In-service failures reported from customers:

SN	Date of report of complaint	Letter no.	Complaint received from	Brief details of complaint	Classification of failure	Whether any person deputed for collecting samples	Date of joint inspection	Failure analysis and cause of failure	Date of compliance in case of warranty	C&P action taken
					Warranty failure/in service failure/Call for joint inspection/ Consignee end rejection/General complaints					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(H) REQUIREMENT OF M&P/T&P AS PER SPECIFICATION /STR/IS:

Sl. No.	IS/STR/ Specification Para no	Requirement of M&P/T&P as per IS/STR/Specification		Details of the M&P/T&P available with the firm				
		M&P/T&P name	Range/ Capacity of M&P/T&P	Name of M&P/T&P	Make	Model	Year of Built	Range/ Capacity
1.	5.1	M&P	-----	CNC Cutting Machine	Koike	Max Pro 200	2022-23	4.5 x 16Mtr. Bed size
2.	5.2	M&P	-----	CNC Automatic Beam Welding Machine	System Eng.	HZJ 1030	2021-22	For Web size of 200 to 3000mm
3.	5.3	M&P	-----	CNC Plate Drilling Machine	System Eng.	ZPZ-200	2022-23	Plate Thick Max 80mm & Hole Ø 60mm Max
4.	5.4	M&P	-----	Grint Blasting Machine	PEPL	GBM	2022-23	250 Kg.
5	5.5	M&P	-----	EOT Crane	PEPL	SR NO. 533	2022-23	5-30MT
6	5.6	M&P	-----	Compressor	Atlas	GA37 PA7.5 IE3	2020-21	7.5-12.5BAR
7	5.9	M&P	-----	Plate & Structural Section Straightening Machine	System Eng.	JZJ-800	2021-22	Up to 40mm Thick
8	5.7	M&P	-----	Radial Drilling Machine	Prakash	DC411	2025-26	Up to 50mm Día
9	5.8	M&P	-----	End Milling Machine	KARAM Machine Tools	KEFM 125	2025-26	120 MM
10	5.10	M&P	-----	Grinder	Makita, Bosch, DeWalt	AG 7	2022-23	850W

For, Parasmani Engineering (P.) Ltd.

Director

11	5.10	M&P	-----	Grinder	Makita, Bosch, DeWalt	AG 5	2022-23	850W
12	5.10	M&P	-----	Grinder	Makita, Bosch, DeWalt	AG8	2022-23	850W
13	5.10	M&P	-----	Drilling Machine	Dong Cheng	DM1	2022-23	50mm
14	5.10	M&P	-----	Drilling Machine	Broach Cutter	DM2	2022-23	50mm
15	5.10	M&P	-----	Chipping Machine/Pencil Grinder	Bosch	CM1	2022-23	50mm
16	5.10	M&P	-----	Wrenches	Bosch	WM	2022-23	-
17	5.10	M&P	-----	Elcometer	Work Zone	456	2022-23	0-3000 µm
18	5.10	M&P	-----	Surface Roughness Tester	Insize	2843-10	2022-23	12.7mm
19	5.10	M&P	-----	Steel Measuring Tapes	Freemans	-	2022-23	5 to 50 Mtr.
20	5.11	M&P	-----	Dumpy Level/ Theodolite/ Total Station (Min. 01 No.)	BOSCH	GOL 26D	2025-26	Accuracy 1.6 mm
21	5.11	M&P	-----	Welding Transformers/ Rectifiers	Esab	Arc 400 i	2022-23	400 Amps
22	5.12	M&P	-----	Metalizing Gun	Jaguar	C-63	2022-23	6kg/cm2
23	5.16a	M&P	-----	Welding Transformers/ Rectifiers	Esab	Arc 400 i	2022-23	400 Amps
24	5.16a	M&P	-----	Welding Transformers/ Rectifiers	Esab	Arc 400 i	2022-23	400 Amps
25	5.16b	M&P	-----	MIG/CO2 Welding Equipment	Esab	Mig 400 i	2022-23	400 Amps
26	5.16b	M&P	-----	MIG/CO2 Welding Equipment	Esab	Mig 400 i	2022-23	400 Amps
27	5.16b	M&P	-----	MIG/CO2 Welding Equipment	Esab	Mig 400 i	2022-23	400 Amps
28	5.16c	M&P	-----	SAW Machine	Esab	CPRA 1250 i	2022-23	1250 Amps with 12 Mtr
29	5.16d	M&P	-----	Welding Manipulator	Arcraft	Arcraft	2023-2024	100-1500mm/min
30	5.16e	M&P	-----	Stud Welding Machine	Studmaster	SMDA12	2023-24	25-50mm
31	5.16f	M&P	-----	Tongue testers	Meco	27-Auto BL	2022-23	600 A
32	5.16g	M&P	-----	Gauges for checking weld size, throat thickness	Kristeel	21534	2022-23	3.2 to 25.4mm
33	5.14a	M&P	-----	Macro Etching, Dye-Penetrant (DP) or Magnetic Particle (MP) testing facilities	PMC Flaw check	PC-2051B, PP-5011B & PD-5031B	2022-23	-

For, Parasmani Engineering (P) Ltd.

Director