

Requirements

Doc .No.:FT/PUR-SQA /14

Observations/Evidences

Rev. No : 05

Co	mplete Solutions					`	Date.:07-05-2021
				Supp	lier Informat	tion	
Supplie	r Name:-	Metalman Auto	Certification:- IATF	Consent	t to Operate:	Available	Date:- 19/01/2024
Locatio	n:-	B-31/32, Waluj, Aurangabad	Certificate No.:- 0424860	Consent	t No.:- 96	121/R/CC-125	i6 Assessed By:- 1. Mr. Sudhanshu Dharmadhikari
Contact	Person:-	Mr. Shrikant Kulkarni	Expiration:- 08-09-2024	Expirati	on:-	28-02-2025	3. Mr. Pankaj Rathi 3. Mr. Sumeet Haldekar
Phone I	Number:-	7755990028	Registar:- DNV	Regista	r:-	мрсв	
			Тур	e of Surf	ace Treatme	nt Process	
	Alkaline Zinc Plating	NA	Powder Coating FerrousYES			Hard Chrome	NA_ OtherNA
	Ni-Cr Plating	NA	Powder Coating Non-FerrousNA			CED Coating	NA
	Anodizing	NA	PhosphatingNA			Painting	NA_
		Product Details					Other Customers
		Dust cover J1A					BMW, HD, BAL
			Criteria	Wtg.	% Score Achieved	Marks Achieved	
	Scoring Guideline	for the Auditors	Environmental Compliance & Safety	10	100%	10.0	
Sr No	Score	Remark	2. Input Material Receipt Stage	3	93%	2.8	1. Environmental
1	3	System is in place (Complying)	3. Loading	5	61%	3.1	Compliance & Safety
2	2	System is in place but needs improvement	4. Degreasing-1				20. Other Requirements 100% 2: input writer in receipt Stage  19. Packing and Storage 90%  of Finished Products 80%  3. Loading
3	1	System is in place but not evidenced	5. Water Rinse-1				70%
4	0	No Compliance	6. Acid Dip				18. Material Inspection 60% 4. Degreasing-1
			7. Water Rinse-2				17. Avaibility of Testing
			8. Activation				Facilities 5. Water Rinse-1
	<ol> <li>Supplier shall needs to st where score is mentioned a</li> </ol>	ubmit action plan for the points	Phosphating     Water Rinse-3				20%
Note:-	2.Points marked with * are	critical requirements where supplier	11. Passivation				16. Baking 0% 6. Acid Dip
	must score Min.2 marks 3. Points marked with # ar	e must compliance requirements	12. Inspection of PT Parts				
		should be verified (Specified Vs	13. DM Water Rinse				15. Powder Coating 7. Water Rinse-2
	Actual) as per valid control	plan	14. Hot drying / Pre-Heating				
	75 100		15. Powder Coating	15	67%	10.0	14. Hot drying / Pre-
	75 ~ 100	Approved	16. Baking	5	93%	4.7	Heating
core	60 740	Supplier action plan required	17. Avaibility of Testing Facilities	10	87%	8.7	13. DM Water Rinse 9. Phosphating
Audit Score	60 ~ 74.9	for score revision after re- verification audit	18. Material Inspection	5	67%	3.3	12. Inspection of PT 10. Water Rinse-3 Parts 11. Passivation
₹	Less Than 60	Rejected	19. Packing and Storage of Finished Products	3	33%	1.0	
		,	20. Other Requirements	5	67%	3.3	——Series1
			21. Process Change Management	5	100%	5.0	
			22. Maintenance Activities	5	100%	5.0	

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1	Environmental Compliance & Safety			Score	Observations/Evidences
# 1.1	MPCB certificate / consent to operate	Availability of valid CTO certificate of pollution control board		3	Available, No-96121/R/CC-1256 , Validity- 28-02-2025
#1.2	ETP, Agreement with CETP & Environ Power for Sludge Disposal	Availability of ETP, CETP or equivalent certificate from valid agency		3	Available, MEPL membership validity- 09/08/2027
# 1.3	Compliance to STP requirement as per CTO	Availability of STP in operating condition & regular monitoring of parameters as per CTO	10%	3	STP Available
#1.4	Legal Compliances as per factory Act	Availability of Factory act / Valid License / Permit to work from Govt Agency		3	No-121503091300846, Date- 23/03/2021
* 1.5	Are required PPE'S (Personal Protective Equipments) are provided? PPE matrix available?	Safety shoes, Helmets, Gloves & goggles as applicable		3	PPE's are provided - Hand gloves & masks, PPE matrix is available & dsiplayed at shop floor.
1.6	Do supplier have provision of fire extinguishers, emergency exists etc.?			3	FE- 16 Nos ABC type + CO2 type available.
		Score		100%	
2	Input Material Receipt Stage	I		Score	Observations/Evidences
2.1	Proper storage & Identification	Material must be stored under controlled atmosphere.		3	Proper storage is available with identification.
2.2	Chemical Storage, Inventory norms & issue system	Defined storage for chemicals with MSDS, check for inventory management & chemical issue for line		3	Powder storage is available, humidity & temp inside powder storage is monitored. Log book is available for powder issue to powder coating booth. Display of MSDS is also available
2.3	Chemical supplier	Check for ETL approved chemical source is being used	3%	3	REML recommonded Berger make black matt powder is available
* 2.4	Chemical shelf life / Expiry Control mechanism & FIFO	Defined shelf life monitoring with FIFO system		3	Powder shelf life monitoring is available
2.5	Inward Inspection	There should be 100% inspection for Rust. No rusty material should go for Powder coating		2	Inward inspection station is available. CED defect dsiplay to be made available.
	I	Score		93%	
3	Loading	I		Score	Observations/Evidences
* 3.1	Jigs for all components	Check for Jig Validation, Jig mapping & signed off loading matrix for all applicable parts		Score 1	Observations/Evidences  Loading matrix available. Jig validation record not available. Jig mapping not done
	_				
* 3.1	Jigs for all components	off loading matrix for all applicable parts	5%	1	Loading matrix available. Jig validation record not available. Jig mapping not done
* 3.1	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts	5%	2	Loading matrix available. Jig validation record not available. Jig mapping not done Satisfactory condition observed.
* 3.1	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts	5%	2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available
* 3.1 3.2 3.3 3.4	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with	5%	2 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt
* 3.1 3.2 3.3 3.4 *3.5	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications	5%	1 2 2 2 2 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt
* 3.1 3.2 3.3 3.4 *3.5	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly	5%	1 2 2 2 2 2 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt
* 3.1 3.2 3.3 3.4 *3.5	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly  Score	5%	2 2 2 2 61%	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.
* 3.1 3.2 3.3 3.4 *3.5 3.6	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly  Score  Jigging / masking to be done	5%	2 2 2 2 61% Score	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.  Observations/Evidences
* 3.1 3.2 3.3 3.4 *3.5 3.6 15 * 15.1	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts  Powder Coating  Approved Powder as specified.:	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly  Score  Jigging / masking to be done  Check for approved powder is being used	5%	2 2 2 2 61% Score 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.  Observations/Evidences  New part development.
* 3.1 3.2 3.3 3.4 *3.5 3.6 15 * 15.1	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts  Powder Coating  Approved Powder as specified.:	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly  Score  Jigging / masking to be done  Check for approved powder is being used  Akzonoble, Kansai Nerolac, Paracoat, Berger,	5%	2 2 2 2 61% Score 2 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.  Observations/Evidences  New part development.  Kansai Nerolac
* 3.1 3.2 3.3 3.4 *3.5 3.6 15 * 15.1 15.2 * 15.3	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts  Powder Coating  Approved Powder as specified.:	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly  Score  Jigging / masking to be done  Check for approved powder is being used  Akzonoble, Kansai Nerolac, Paracoat, Berger,  Powder test certificate for every Batch.	5%	2 2 2 2 61% Score 2 2 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.  Observations/Evidences  New part development.  Kansai Nerolac  Test certificated are available
* 3.1  3.2  3.3  3.4  *3.5  3.6  15  * 15.1  15.2  * 15.3  15.4	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts  Powder Coating  Approved Powder as specified.:	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mfg. specifications  Mopping to be done on shop floor regularly  Score  Jigging / masking to be done  Check for approved powder is being used  Akzonoble, Kansai Nerolac, Paracoat, Berger,  Powder test certificate for every Batch.  System / record should be available	15%	1 2 2 2 2 61% Score 2 2 2 1	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.  Observations/Evidences  New part development.  Kansai Nerolac  Test certificated are available  FIFO Sop is not available
* 3.1 3.2 3.3 3.4 *3.5 3.6 15 * 15.1 15.2 * 15.3 15.4 15.5	Jigs for all components  Condition of Jig / Fixture / Masking / ROP of all our parts  SOP for loading with Weight/Area Calculation Chart  Rework SOP for Rusty part  Pre-treatment specification  No dust on pre treated parts  Powder Coating  Approved Powder as specified.:	off loading matrix for all applicable parts  Check for Jig damage, loose contacts etc.  Check for partwise matrix with weight/area calculation, Fixed Voltage & Current charts display  Pre-treatment chemical specification in line with Chemical Mrg. specifications  Mopping to be done on shop floor regularly  Score  Jigging / masking to be done  Check for approved powder is being used  Akzonoble, Kansai Nerolac, Paracoat, Berger,  Powder test certificate for every Batch.  System / record should be available  Recommended 80 % Fresh + 20 % Recycled  Visual display of booths as per colour and powder		1 2 2 2 2 61% Score 2 2 2 1 2 2	Loading matrix available. Jig validation record not available. Jig mapping not done  Satisfactory condition observed.  Loading SOP is available  Not applicable - CED painted parts at receipt  NA  Satisfactory condition observed.  Observations/Evidences  New part development.  Kansai Nerolac  Test certificated are available  FIFO Sop is not available  80:20 ratio is used, Sieving mesh is available.



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* 15.8	Powder coating gun parameters with validation report	check for, 1) Voltage 2) Current 3) Atomizing air 4) Powder flow rate 5) Air pressure		2	Volatge- 60 KV, current- 70 μA, Air pressure- 6 kg/cm2, Powder flow- 33
15.9	Conveyor Speed	Conveyor Speed		2	0.45 MPM
16	Baking	Score		67% Score	Observations/Evidences
*16.1	Baking oven temp. / Time (as per control plan)	start of the shift		3	Spec- 230 deg c, actual- 227 deg c
16.2	Powder sieving Mesh.	To be filtered through 120 Mesh.		3	Available
16.3	Availability of proper masking	No powder on masked area of part	5%		NA .
16.4	Filling of Hooks.	Hooks to be cleaned for better earthling.	3-70	3	Satisfactory condition observed.
16.5	Oven Type	Gas fired/Diesel fired/electrical		3	Gas fired oven
* 16.6	TTR of oven	once in six month		2	Yes available
17	Avaibility of Testing Facilities	Score  Must Facility (with * Mark )		93% Score	Observations/Evidences
17.1	In -house Pre -Treatment chemical testing Lab.	PT Line parameter checking.		2	Powder coating testing lab is available
* 17.2	Work instruction for all testing facilities	Work instruction to be displayed for all test	-	3	Work Instructions are available
17.3	Testing Plan			3	Testing plan is available
* 17.4	Gloss (Desired) Meter			3	Available
17.5	Powder coating Thickness			3	Available
* 17.6	Adhesion Test	Adhesion (Tape and cutter), Permaseal 254, ASTM Make		3	Available
* 17.7	Pencil test			3	Available
* 17.8	Impact Test			3	Available
* 17.9	MIBK / MEK test			3	Available
17.10	Parts Drawing & Testing Standards	Availability of Part drawing and related testing standards & Customer specific standards	10%	3	Drawing and standard is available.
* 17.11	Flexibility test			3	Available
* 17.12	SST test			3	Available
17.13	Water Immersion test			3	Available
* 17.14	Humidity test			3	Available
17.15	Acid test			3	Available
17.16	Alkaline test			3	Available
* 17.17	UV test			0	Not available
17.18	Taber abrasion Test			0	Not available
18	Material Inspection	Score		87% Score	Observations/Evidences
	Availability of infrastructure for final inspection like, Inspection table, proper illumination min 700 lux, visual instruction for inspection sequence, pictorial displays on defect phenomenon's, reference samples for visual defects, required gauges and measuring instruments etc.	Check for signed off Inspection agreement		2	Inspection agreement is available. Skill matrix available. 800-1000 lux level is available. Inspection records are available.



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18.2	Display of master samples and check sheet at final inspection station.	Master defect sample must be displayed on 100% checking station along with inspection check sheet		2	Master samples are available.
18.3	All detectable / mutually agreed parameters in final inspection	Records for DFT thickness, Shade as per master sample, Adhesion test		2	DFT , adhesion tesr records are available.
* 18.4	Past Quality problems & Actions	RCA & action plan for ETL's customer complaints, rejection at ETL, effectiveness & Sustenance of actions	5%	2	Customer complaints record is available. Action plan is available.
* 18.5	Supplier In-house rejections & actions	Monitoring, Counter measures & close looping of in- house quality problems / Rejection, effectiveness & Sustenance of actions		2	Inhouse rejection data and why- why analysis is available.
* 18.6	Operator Skill and Knowledge.	Station wise skilled operator Skill Matrix, check for respective technical know how on sub process		2	Skill matrix is available.
* 18.7	Rework process for powder coated parts	Check for Rework SOP, Records & Process flow for reworking of parts.		2	Rework sop is available.
		Score		67%	
19	Packing and Storage of Finished Products			Score	Observations/Evidences
19.1	Usages mutually agreed packing standards?	As per Inspection agreement		1	System to be implemneted after approval
19.2	Defined system including component wise storage space, stacking height etc.		3%	1	System to be implemneted after approval
19.3	Use of bins for storage and handling of powder coated components.	check for Cleanliness of bins & cleaning frequency (WI)	370	1	System to be implemneted after approval
	Do supplier have FIFO system at FG storage				
19.4	Do supplier flave FIFO system at FO storage			1	System to be implemneted after approval
		Score		33%	
20	Other Requirements	Score			System to be implemneted after approval  Observations/Evidences
		Score Availability of required competent people for each shift		33%	
<b>20</b> * 20.1	Other Requirements	Availability of required competent people for each		33% Score	Observations/Evidences
<b>20</b> * 20.1	Other Requirements Organization chart with clear roles and responsibility	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing		33% Score	Observations/Evidences Organization chart is available but QA head position is vacant.
* 20.1 * 20.2	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab.	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist	5%	33% Score 2	Observations/Evidences Organization chart is available but QA head position is vacant.  NA
* 20.1 * 20.2 20.3	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab. DM Water Plant	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records	5%	33% Score 2	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available
* 20.1 * 20.2 20.3 * 20.4	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab.  DM Water Plant Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed	5%	33% Score 2 3	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available Conveyor temp. interlock is available.
20 * 20.1 * 20.2 20.3 * 20.4 20.5	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab.  DM Water Plant Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed  calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as applicable)		33% Score  2  3  2  3  2  0	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available Conveyor temp. interlock is available. Calibration records are available
20 * 20.1 * 20.2 20.3 * 20.4 20.5 * 20.6	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab.  DM Water Plant Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments Availability of PFD, Control plan & process validation report Lot Identification & Traceability	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as		33% Score 2 3 2 3 2 0 67%	Organization chart is available but QA head position is vacant.  NA  Available  Conveyor temp. interlock is available.  Calibration records are available  Control plan and PFD available but process validation report is not available.  System is not in place
20 * 20.1 * 20.2 20.3 * 20.4 20.5 * 20.6	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab.  DM Water Plant Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments Availability of PFD, Control plan & process validation report Lot Identification & Traceability  Process Change Management	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as applicable)		33% Score  2  3  2  3  2  0	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available Conveyor temp. interlock is available. Calibration records are available Control plan and PFD available but process validation report is not available.
20 * 20.1 * 20.2 20.3 * 20.4 20.5 * 20.6	Other Requirements Organization chart with clear roles and responsibility In -house Pre -Treatment chemical testing Lab.  DM Water Plant Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments Availability of PFD, Control plan & process validation report Lot Identification & Traceability	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as applicable)  Score		33% Score 2 3 2 3 2 0 67%	Organization chart is available but QA head position is vacant.  NA  Available  Conveyor temp. interlock is available.  Calibration records are available  Control plan and PFD available but process validation report is not available.  System is not in place
20 * 20.1 * 20.2 20.3 * 20.4 20.5 * 20.6 20.7	Other Requirements Organization chart with clear roles and responsibility  In -house Pre -Treatment chemical testing Lab.  DM Water Plant  Availability of line stoppage interlocks  Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments  Availability of PFD, Control plan & process validation report  Lot Identification & Traceability  Process Change Management  A systematic method is followed for process change manageme Requirements.	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed  calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as applicable)  Score  Int inline with Endurance / Customer system/ Change management		33% Score  2  3  2  3  2  0  67% Score	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available Conveyor temp. interlock is available. Calibration records are available Control plan and PFD available but process validation report is not available. System is not in place Observations/Evidences
20 * 20.1 * 20.2 20.3 * 20.4 20.5 * 20.6 20.7 21.1	Other Requirements Organization chart with clear roles and responsibility  In -house Pre -Treatment chemical testing Lab.  DM Water Plant  Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments  Availability of PFD, Control plan & process validation report  Lot Identification & Traceability  Process Change Management A systematic method is followed for process change manageme Requirements. Awareness system to all members regarding importance of IPP Approval is taken from Endurance for any change in process see	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed  calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as applicable)  Score  Interlock for lot identification & traceability (as applicable)  Score  Interlock for lot identification & traceability (as applicable)  Score	5%	33% Score 2 3 2 3 2 0 67% Score 3	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available Conveyor temp. interlock is available. Calibration records are available Control plan and PFD available but process validation report is not available. System is not in place Observations/Evidences Procedure is available
20 * 20.1 * 20.2 20.3 * 20.4 20.5 * 20.6 20.7 21.1 21.2 21.3	Other Requirements Organization chart with clear roles and responsibility  In -house Pre -Treatment chemical testing Lab.  DM Water Plant  Availability of line stoppage interlocks Calibration of all Temp controllers , timers, pressure gauges, plating thickness instruments Availability of PFD, Control plan & process validation report  Lot Identification & Traceability  Process Change Management A systematic method is followed for process change manageme Requirements. Awareness system to all members regarding importance of IPP Approval is taken from Endurance for any change in process seconts of internal operations.	Availability of required competent people for each shift  Dedicated facility for Line parameter Testing check for Availability of Dedicated chemist  Check for conductivity records  Interlock for Temp overshoot, Oven, Conv. Speed calibration frequency and plan should available.  Process validation to be done once in year  Check for lot identification & traceability (as applicable)  Score  Int inline with Endurance / Customer system/ Change management quence, raw material, sub supplier, and	5%	33% Score  2  3  2  0  67% Score  3  3  100%	Observations/Evidences Organization chart is available but QA head position is vacant.  NA Available Conveyor temp. interlock is available. Calibration records are available Control plan and PFD available but process validation report is not available. System is not in place Observations/Evidences Procedure is available Followed

