

Project: Iron Bridge SMPEI Process Plant Construction – Dry Plant	FMG Document No: 662NSC2002-2000-IT-QA-0009	Document No: C292-QU-ITP-0009	Revision: 2
Project No: C292	Contract No: 662NSC2002-0000-CO-CP-0002	Prepared By: P Thomson	Approved By: W. Bradshaw

Scope: Surface Treatment Repair **Workpack / Area:**

Control Point H = Hold Point (Work must not proceed to the next step until this activity is completed and a signature obtained); W = Witness Point (Notify to permit witness, work can proceed if witness does not attend at agreed time);
S = Surveillance (Monitor operations / surveillance of activity); **R** = Review Documentation (Sign to record review);

Resp. Person QC - Quality Inspector; PE - Project Engineer; CQR - Client Quality Representative; CI - Coating Inspector; PM - Project Manager; SS - Site Supervisor; DC - Dimension Checker; WE - Welding Engineer; PP - Pre-processing Personnel

ACT No.	DESCRIPTION OF ACTIVITY	PROCEDURE / SPECIFICATION REFERENCE	ACCEPTANCE CRITERIA	VERIFYING DOCUMENTATION	RESP. PERSON	CONTROL POINT		REMARKS
						CIVMEC	CLIENT	
1	Submission / Approval of Documentation							
1.1	Submit Surface Treatment Repair Inspection & Test Plan for FMG Approval	662NSC2002-2000-SW-CN-0002_4 100-SP-QA-0001_1	662NSC2002-2000-SW-CN-0002_4 Cl. 10.3 100-SP-QA-0001_1 Cl. 2.3	Approved ITP	QC / PE	H / R	H / R	
2	Materials Receipt, Inspection & Storage							
2.1	Check paint deliveries, Quantity, Identification, Batch numbers, damage, sharp edges and radius check on items to be painted	100-SP-ST-0002_0 Project QMP C292-QU-PLN-0001 AS 5131	100-SP-ST-0002_0 Cl 8.1 & 8.2 Relevant Aust Standards	Delivery Dockets Packing Lists Batch Certificates SDS Sheets	SS / QC / PE	S / R	S	
2.2	Inspect items for, damage or contamination and verify that they are correct in accordance with Civmec Delivery Docket Damaged or suspect goods to be quarantined and Vendor contacted	100-SP-ST-0004	AS 5131 Sect 6.3	Delivery Dockets OS&D Report	SS / QC / PE	S / R	S	
3	Daily checks							
3.1	Check and record ambient conditions. Check Data is within specified limits	100-SP-ST-0004	100-SP-ST-0004 Sect 6 & 7 Surface Preparation: Dew Point >3Deg C, Humidity <90% Paint Application (Epoxy): Humidity between 20-85%, Ambient Between 5-50Deg C	Ambient Conditions Record Sheet	SS / PE / QC	S / R	S / R	
3.2	Check Calibration of all test equipment	100-SP-ST-0004 AS3894	100-SP-ST-0004 Sect 8 AS 3894	Calibration Register / Records	SS / PE	H / R	S / R	
4	Surface Preparation							
4.1	Check surface mechanical cleaning completed to Specification	100-SP-ST-0004 AS1627	AS1627 Part 2 Power Tool Cleaning	Surface Treatment Repair Checksheet Signed ITP	SS / PE	W	W	
4.2	Check Surface Profile (MBX Cleaned)	100-SP-ST-0004 AS1627	AS1627 Part 2 Power Tool Cleaning	Surface Treatment Repair Checksheet Signed ITP	SS	S / R	S / R	
4.3	Ensure 'No' Paint areas are suitably protected	IFC Drawings	100-SP-ST-0004 IFC Drawings	Signed ITP	SS	S / R	S / R	
5	Apply Surface Treatment							
5.1	Determine correct System: -Baghouse Fans: Interseal 670HS RAL7035 125µm -Baghouse internal / External: Interseal 670HS RAL7035 125µm -Classifiers: Interseal 670HS RAL7011 180µm DFT -Galvanised Piping Internal: Interzone 954 Grey 450µm DFT -Galvanised Piping External: Interzone 954 Grey 250µm DFT -Firewater Piping External Red: Interzone 954 R13 Signal Red 250µm DFT -Handrails / Monorails: Interseal 670HS Y14 Golden Yellow 125µm DFT -Tanks internal: Dura-Plate UHS Light Grey 1625µm DFT	100-SP-ST-0002 100-SP-ST-0004 Vendor IOM's	100-SP-ST-002 Sect 4 100-SP-ST-0004 Sect 10	Signed ITP	QC / SS	W / R	S / R	

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5.2	Apply first coat :Verify correct paint System Ensure no: - Runs - sags - defects etc	100-SP-ST-0004 Manufacturer TDS	100-SP-ST-0004 Sect 7 Manufacturer TDS	Visual Inspection Signed ITP	QC / SS	S / R	W / R	
5.3	Check DFT	AS3894.3	Manufacturer TDS AS3894.3	Surface Treatment Repair Checksheet	QC	H	S / R	
5.4	Apply additional coats as required Ensure correct system applied	100-SP-ST-0004 Manufacturers TDS	100-SP-ST-0004 Sect 7 Manufacturer TDS	Visual Inspection Signed ITP	SS	S / R	S / R	
5.5	Check DFT	AS3894.3	DFT Requirements Met per 5.1 AS3894.3	Surface Treatment Repair Checksheet Signed ITP	QC	S / R	S / R	
5.6	Carry out spark testing (if applicable)	AS3894.1	Spark Test Requirements met per AS3894.1	Signed ITP	QC	W / R	W / R	
6	Final Inspection							
6.1	Check all inspection records Visual Checks	100-SP-ST-0004 IFC Drawings Vendor IOM's	100-SP-ST-0004 Sect 8	Completed Inspection Records Signed ITP Punchlist	SS / QC / PE	W / R	H / R	
7	Finalise Documentation							
7.1	Complete Construction Verification & Punchlisting	662NSC2002-2000-SW-CN-0002_4 100-SP-QA-0001_1	662NSC2002-2000-SW-CN-0002_4 Cl. 9.1 100-SP-QA-0001_1 Cl. 2.8	Approved Construction Verification Documentation Signed-off Punchlist	QC / PE	H / R	H / R	

SIGNATURE IDENTIFICATION REGISTER				
NO	NAME	SIGNATURE	POSITION TITLE	ORGANISATION
1				
2				
3				
4				
5				
6				