



MSP 303 F1 – INSPECTION AND TEST PLAN

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QUALITY PLAN ELEMENTS				CLIENT DOC NO:	
QUALITY MANUAL:	Available for review & audit	CLIENT:	Newcrest	JOB NO:	287301
PROJECT PROCEDURES:	Available for review & audit.	Order No:			
AUDIT SCHEDULE:	TBA	PROJECT:	Trommel Repair Newcrest		
INSPECTION & TEST PLAN	Refer Pages 2+ as required.	DESCRIPTION:	Refurbish and repair work on Trommel		

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APPROVED BY:	

QUALITY SYSTEM STANDARD - AS / ISO 9001:2000

REFERENCE SHEET

Activity	Definitions	General Abbreviations	Applicable Specifications / Codes / Procedures:
(H) Hold Point	Work must not proceed until inspection activity has been carried out.	MSP RCR Procedure	
		QAM QA Manager	
		ECC Engineering Change Control	
(W) Witness Point	Work may proceed where inspection personnel are not available at the specified time.	MDR Manufacturers Data Report	
		LTSC Lower Tier SubContractor	
		ITP Inspection & Test Plan	
(M) Monitor	Monitor on a random basis would be visual or dimensional examination of records, etc.	MTO Material Take Off (Lists)	
		SOW Scope of Work	
		QP Quality Plan	
(I) Inspection	Inspection point by RCRT and / or Client Representative	AFCD Approved For Construction Drawings	
		RCRT RCR Tomlinson Ltd	
(R) Review	Review Documents	RCRM RCR Maintenance Pty Ltd	
		WSWA-C&E WorkSafe WA - Construction & Engineering	
(V) Visual	Visual inspection of component or item to verify that it is in conformance to specified requirements of the Quality Plan and AFCD.	TPI Third Party Inspection (Approved Boiler / Machinery Inspector, NATA, NDT)	
(D) Dimensional	Dimensional inspection to verify that the component or item is within the tolerances specified in the AFCD.		
(E) Examine	Examine and endorse records for compliance to Quality Plan.		
(S) Send	Send documents to Purchaser for approval.		



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			Document	Section				RCR	Signed	Client	Signed
1.	Receive Order from Newcrest Mining Ltd	Project Manager	Purchase order	All	As per Offer	Contract Review Checklist	N	E			
2.	Review Scope of Work Approved by Newcrest Mining Ltd	Project Manager	SOW	All	Drawings and Specs/AS1210 Class 2	SOW & Drawings	Y	E			
3.	Select /Run Weld procedures. Confirm application to the job is correct	Welding Inspector	AS1554 Part 1	All	AS1554 Part 1	WPS/WQR	Y	M		S	
4.	Prepare Welder Qualification register for the project. Ensure only qualified welders are used on the project	Welding Inspector/ Supervisor	AS1554 Part 1	All	AS1554 Part 1	WQ's	Y	M		S	
5.	Purchase materials and services necessary to repair Trommel in accordance with SOW	Project Manager	SOW and Drawings	All	SOW & Drawings	Purchase order and Material Certificates	Y	E			
6.	Receipt of Materials from suppliers. Verify Certificates for materials	Project Manager	Certificates	All	Compliance with Drawings and Specs	Certificates	Y	E			
7.	Prepare Job Cards issued for repair in accordance with SOW	Project Manager	Job Instruction Sheet	All	SOW and drawings	SOW	N	E			
8.	Remove all rubber from Trommel Sand blast Trommel to Class2.5	Supervisor	Job Instruction Sheet	All	SOW Drawing Configuration	SOW	N				
9.	Thickness test members to check for internal wear	Supervisor	Job Instruction Sheet	All	SOW	Sign off job card	Y	M		S	
10.	NDT all structural welds on Trommel. All NDT will be completed AS1171-1998 and all indications reported	Supervisor	External Inspection	All	SOW	Sign off job card	Y	I		S	
11.	Inspect Trommel for corrosion and other repairs required	Supervisor	Job Instruction Sheet	All	SOW	Sign off job card	Y	I		S	



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12.	Material identification of Trommel Beams	Supervisor	Job Instruction Sheet	All	SOW	SOW	N	V			
13.	Remove the badly worn stainless steel channel sections	Supervisor	Job Instruction Sheet	All	SOW	SOW	N	V			
14.	Pad weld worn areas on beams and supports and Feed end Flange Spot welding near/around the flange holes	Supervisor	WPS	All	AS1554 Part 1	SOW	N	V			
14.	Replace the worn areas on the stainless steel channels	Supervisor	WPS	All	AS1554 Part 1	SOW	N	V			
15.	Dimensional inspection check for distortion of the frame in repair	Supervisor	Job Instruction Sheet	All	SOW & Drawing	Sign off Job card	Y	D			
16.	NDT Weld repairs	Supervisor	External Inspection	All	AS1554 Part 1	SOW	N	I			
17.	Stress relieve the Trommel after weld repairs	Supervisor	Job Instruction Sheet	All	SOW	SOW	N				
18.	Machine the Feed End Trommel Face	Supervisor	Job Instruction Sheet	All	SOW	Sign off job card	N				
19.	Deburr and Anti Rust machined surface	Supervisor	Job Instruction Sheet	All	SOW	Sign off job card	N	V			
20.	Final Dimensional Inspection	Supervisor	Job Instruction Sheet	All	SOW	Sign off Job card	Y	V			
21.	Anti Rust coating inside Trommel beams	Supervisor	SOW	All	SOW & Newcrest instructions	Sign off job card	Y	V			
22.	Sand Blast the Trommel to Class 2.5 ready for the protective coating to apply	Supervisor	Job Instruction Sheet	All	SOW	Sign off Job card	N	V			