

Project name	
Work zone	
Number	


Rev #	Author	Reviewer	Date
0	Mike Sparrow		

COMPLIANCE AND TEST STANDARDS		
#	Name	Applicable
1	NZS 3404.1:2009 Materials, fabrication and construction	YES
2	ISO 8501.1:2007 Preparation of steel substrates before application of paints and related products – Visual assessment of surface cleanliness – Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings	
3	AS 1627 Metal finishing	
4	AS/NSZ 2312.1:2014 Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings – Part 1: Paint coatings	
5	AS 3894 Site testing of protective coatings	
6	AS/NZS 2312.2:2014 Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings – Part 2: Hot dip galvanizing	
7	ISO 12679:2011 Thermal spraying – recommendations for thermal spraying	

QUALITY ASSURANCE DOCUMENT		
#	Document type	Provided
1	Coating company's QA system	
2	Coating company's guarantee	
3	Coating inspector's certification	
4	Coating inspectors report	

SPECIFYING DOCUMENTS		
#	Name	Provide
1	Construction drawings and specification	Surface preparation
		Coating requirements
		Inspection and testing requirements
2	Manufacturer's specification	Surface preparation requirements
		Coating procedure

APPROVALS		
#	Document type	Provided
1	Design engineer's instruction	
2		
3		

TIMING <i>QA heading</i>	QUALITY ASSURANCE ACTIVITY	COMPLIANCE OR TEST STANDARD	REQUIRED YES/NO	QA Doc	WHO CARRIES OUT QUALITY ASSURANCE ACTIVITY (TRANSMITTAL VIA SCL)	WHO APPROVES QUALITY ASSURANCE ACTIVITY	SPECIFYING DOCUMENT	APPROVAL DOCUMENT	PERMITTED CONSTRUCTION TASK ONCE APPROVALS RECEIVED
									
PRIOR STARTING <i>Corrosion protection – paint system AND/OR hot dip galvanised OR arc metal sprayed</i>	Provide coating company's QA system (if arc metal sprayed coating thickness, seal coating type as per ISO 12679:2011)	1	YES	1	Coating company	Design engineer	n/a	1	Engage coating company
	Ascertain from design engineer if external or third party inspection is required as per section 9.3 of AS/NZS 2312.1:2014 – <i>not required if Level 1 (C1 or less critical C2 environments); required if more corrosive environments or surface preparation requires abrasive or water blasting</i>	4	YES	n/a	Design engineer	n/a	1	1	n/a
	Nominate coatings inspector (<i>must hold current relevant qualification from New Zealand Certification Board for Inspection Personnel (NZCBIP) to carry out inspections to ensure compliance with section 5 of NZS 3404:2009</i>)	1	YES	3	Nominated coating inspector	Design engineer	1	1	Engage coating inspector
AFTER SURFACE PREPARATION	Inspect surface preparation (generally abrasive blast cleaned to grade SA 2½)	1, 3	YES	4	Coating Inspector	Design engineer	1	1	Proceed with coating process

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DURING APPLICATION OF COATINGS									
On delivery and prior storage and handling of coating materials	Check delivered coating materials comply with specification, including product type and colour and that they have not reached their expiry date	4 and/or 6 or 7	YES	4	Coating inspector	Design engineer	1	1	Proceed with applying coating material
Between application of coats and on completion	Inspect painting process and between coats and after final coat	4 and/or 6 or 7	YES	4	Coating inspector	Design engineer	1	1	Continue with applying next coat
	Non compliance and corrective action reports (if any)				Coating inspector	Design engineer			Proceed with corrective actions
	Final inspection	4 and/or 6 or 7	YES	4	Design engineer	Design engineer	1	1	Submit quality assurance documentation
ON COMPLETION (OR AFTER CORRECTIVE ACTIONS IF ANY)									
Submit quality assurance documentation	Statement of compliance (PS3)				Coating company	Design engineer			n/a
	Coatings report				Nominated inspector	Design engineer			n/a