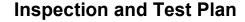


Inspection and Test Plan - Stainless Steel Pipework Installation - Future Pump 1

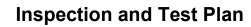
ITP Reference Number 561482-ITP-006.1

SECTION 1 - GENERA	L DETAILS											
Project Name:	DCC11014 Water Pump Station Renewals - SILVERSTREAM					Use in sections 3, 4 and		Responsibilities Use in sections 3, 4 and 5.				
Project Number:	561482					А	Action	Role Key		Name	Signature/ Initial	
Customer:	Dunedin City Council					В	Report by Breach	СМ	Construction Manager	Stephen Vorgers		
Contract Number:	DCC11014-WPS002					С	Check	CR	Cust. Representative	Joff Riley / Mark Todd		
Area/ Sub-System:	IPinework Installation - Silverstream			Lot ID	N/A	D	Dimension Inspection	IP	Inspection Personnel	Aaron Sutherland		
Arca/ oub-oystem.				Number:	14/7 (Е	Examine	МС	Material Controller			
ITP Number:	561482-ITP-006.1			Version:	Draft	н	Hold Point	ОР	Operations Manager			
ITP Description:	Pipework Installation Future Pump 1 - Inspection Test Plan					I	Inspection	PM	Project Manager	Matt Paterson		
Discipline:	Stainless Steel Pipework - Installation					М	Monitor on Random Basis	PS	Project Supervisor			
	C11014 Water Pump Station Renewals Specification 12581908					0	Operation	QE	Quality Engineer			
Specification:						R	Review	QM	QA Manager			
	Construction Issue Drawings as issued by GHD - Silverstream Pump Station Project Ref: 12581908-GHD-PS-SS-DRG-GN Drawings: G0001, M0001 to M0004 & P0001					S	Subcontractor	SP	Supervisor	Bruce Allan		
Drawings:						٧	Visual Verification	ST	Superintendent			
Prepared By: (Name)	Matt Paterson Date:			Date:	10/12/2024	w	Witness Point	sv	Surveyor			
Quality Specified:	None - As per Specification requirements					•••••		ws	Welding Supervisor	Matt York		
SECTION 2 - SIGNATU	IRES - CLOSE-OUT & AF	PROVAL										
ITP Close-Out by Downer		Name:	Bruce Allan		Signatur	Signature:				Date:		
Downer Approval		Name:	Matt Paterson/Stephen Vorgers		Signatur	Signature:				Date:		
Customer Approval		Name:	Joff Riley / Bruce Buxton	n Signatı		Signature:				Date:		





SECTION 3 - RECEIVING INSPECTIONS Insert additional or delete unused rows as required. Include reference to specification. Inspection **Inspection Point: Quality** Activity/ Task Inspection Type (Visual, Item No. **Acceptance Criteria Verifying Document** Frequency Description **Control Activity** other) By (Role Key) Key Obtain the mill certificates for the Stainless Steel Pipe Documents from the Mill Certificates & 3.1 materials used - 316L Stainless Once Documentation С IΡ supplier/Manufacturer Welding certificates components Steel Drawing M0001 Take delivery of components Stainless Steel Pipe Quantities as shown on Drawing M0002 from Supplier. Verify all С IΡ 3.2 Once Visual components the drawings Drawing M0003 components have been delivered Drawing M0004 Take delivery of components Drawing M0001 from Supplier. Verify all Dimensions & Stainless Steel Pipe Drawing M0002 Visual Dimension 3.3 components have been orientation as shown on Once D ΙP components Drawing M0003 Inspection manufactured to the correct the drawings Drawing M0004 dimensions Check and verify that the Valves & Ancillaries Must be on the Specification -ΙP 3.4 Manufacturer & Type is approved С Once Visual Approved Materials list (Blanking Flange) Approved Products list for use by the client Check and verify that the dress sets are compatible with the Dress Sets (gaskets & flanges and the gasket material Must be on the Specification -3.5 Once Visual С ΙP is correct. Check correct Approved Materials list fasteners) Approved Products list quantities/sizes/flange patterns





SECTION 4 – IN-PROCESS INSPECTIONS Insert additional or delete unused rows as required. Include reference to specification.										
Item No.	Activity/ Task	Inspection Point: Quality	Acceptance Criteria			Increation Type	Inspection			
	Description	Control Activity		Verifying Document	Frequency	Inspection Type (Visual, other)	Key	By (Role Key)		
4.1		Install gasket, bolts & nuts and tighten. Torque fasteners	Use diametrically opposed touque sequence	As per WSA-109 Australiann Water Standards Guidelines - 80N.m	Each flange	Record & attach to ITP	Inspection	IP		
4.2	from spool (cast in wall)	Install gasket, bolts & nuts and tighten. Torque fasteners to relevant water standards	Use diametrically opposed touque sequence	As per WSA-109 Australiann Water Standards Guidelines - 80N.m	Each Flange	Record & attach to ITP	Inspection	IP		
4.3	(suction side)	Install gasket, bolts & nuts and tighten. Torque fasteners to relevant water standards	Use diametrically opposed touque sequence	As per WSA-109 Australian Water Standards Guidelines - 80N.m	Each Side of Valve	Record & attach to ITP	Inspection	IP		
4.3	(Discharge side)	Install gasket, bolts & nuts and tighten. Torque fasteners to relevant water standards	Use diametrically opposed touque sequence	As per WSA-109 Australian Water Standards Guidelines - 80N.m	Each Side of Valve	Record & attach to ITP	Inspection	IP		



Inspection and Test Plan

SECTION 5 – FINAL INSPECTION AND HANDOVER Insert additional or delete unused rows as required. Include reference to specification.										
							Inspection			
Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type (Visual, other)	Key	By (Role Key)		
5.1	Final inspection to installed pipework	At completion of pipework	Flanges are straight and bolts tightened all threads sealed and leak free	As per drawings	once	Visual	I	IP		
SECTION 6 - COMMEN	TS									
			Customer Release Granted:	☐ Yes	□ No	Date:				
			Certificate Number			Date.				