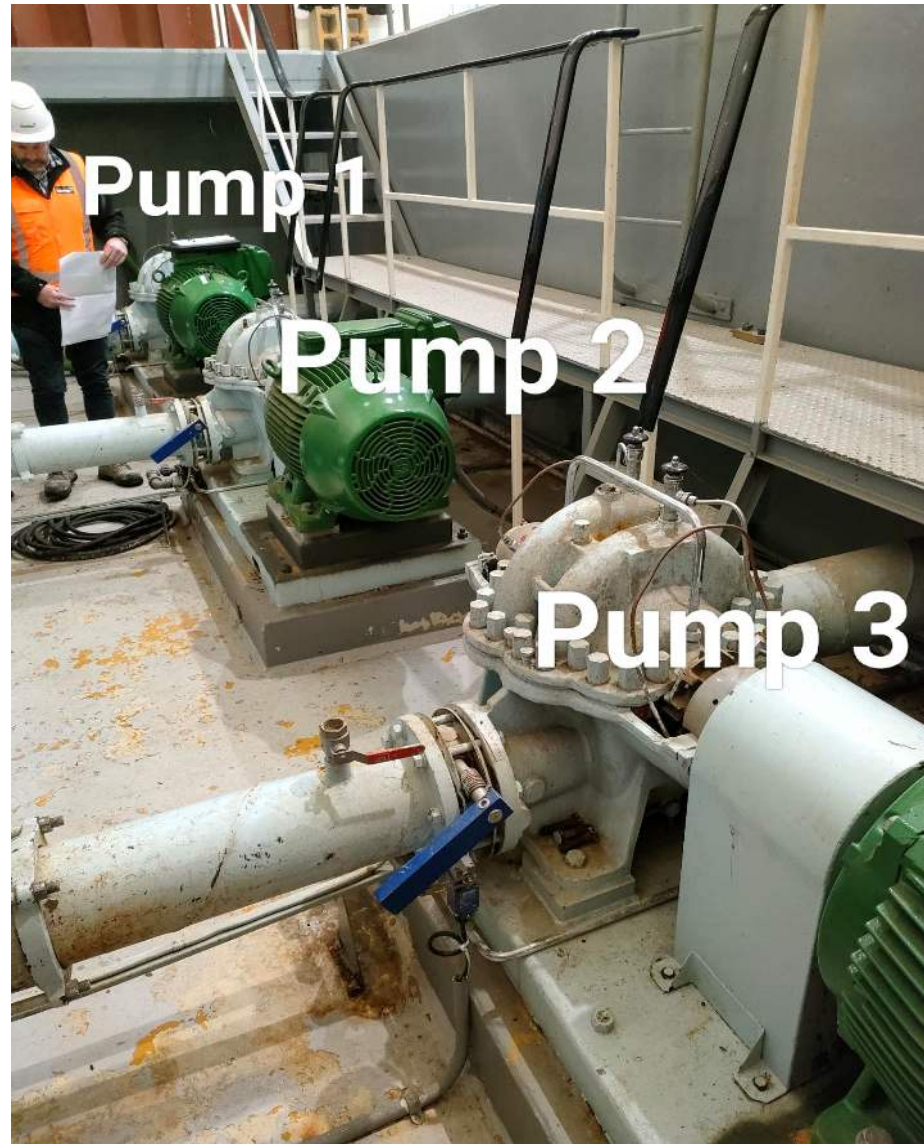


SECTION 1 – GENERAL DETAILS							
Project Name:	DCC11014 Water Pump Station Renewals - SILVERSTREAM			Inspection Key <i>Use in sections 3, 4 and 5.</i>		Responsibilities <i>Use in sections 3, 4 and 5.</i>	
Project Number:	561482			A Action	Role Key	Name	Signature/ Initial
Customer:	Dunedin City Council			B Report by Breach	CM Construction Manager	Stephen Vorgers	
Contract Number:	DCC11014-WPS002			C Check	CR Cust. Representative	Joff Riley / Mark Todd	
Area/ Sub-System:	Pump Installation - SILVERSTREAM	Lot ID Number:	N/A	D Dimension Inspection	IP Inspection Personnel	Aaron Sutherland	
				E Examine	MC Material Controller		
ITP Number:	561482-ITP-004.2	Version:	DRAFT	H Hold Point	OP Operations Manager		
ITP Description:	Installation of Pumps & Motors (Pump 2) - Inspection Test Plan			I Inspection	PM Project Manager	Matt Paterson	
Discipline:	Pumps			M Monitor on Random Basis	PS Project Supervisor		
Specification:	C11014 Water Pump Station Renewals Specification 12581908			O Operation	QE Quality Engineer		
				R Review	QM QA Manager		
Drawings:	Construction Issue Drawings as issued by GHD - Silverstream Pump Station Project Ref: 12581908-GHD-PS-SS-DRG-GN Drawings: G0001, M0001 through M0004 & P0001			S Subcontractor	SP Supervisor	Bruce Allan	
				V Visual Verification	ST Superintendent		
Prepared By: <i>(Name)</i>	Matt Paterson	Date:	10-12-24	W Witness Point	SV Surveyor		
Quality Specified:	None - As per Specification requirements				WS Welding Supervisor	Matt York	
SECTION 2 – SIGNATURES – CLOSE-OUT & APPROVAL							
ITP Close-Out by Downer	Name:	Bruce Allan	Signature:		Date:		
Downer Approval	Name:	Matt Paterson/Stephen Vorgers	Signature:		Date:		
Customer Approval	Name:	Joff Riley / Bruce Buxton	Signature:		Date:		

SECTION 3 – RECEIVING INSPECTIONS *Insert additional or delete unused rows as required. Include reference to specification.*

Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type (<i>Visual, other</i>)	Inspection	
							Key	By (<i>Role Key</i>)
3.1	Inspection of Plinths for pump 2	Check overall condition. Cracks/fissures or breaks or areas of weakness	Visual check and report any defects or areas of concern	Email or NTE to report	once	Visual + Photograph	C	IP/B
3.2	Delivery of Pump 2 to site from Downer storage facility	Check and verify that correct pump is delivered	Pump is damage free	1. KSB delivery docket. 2. Pump storage ITP	Once	Visual	C	IP
3.3	Delivery of Pump 2 Motor to site from Downer storage facility.	Check and verify that correct motor is delivered	Motor is damage free	1. KSB delivery docket. 2. Pump storage ITP	Once	Visual	C	IP
3.4	Delivery of Pump & Motor mounting plate Downer storage facility	Check & Verify that correct Mounting plate is delivered	Mounting plate is dimensionally correct and is damage free	1. KSB delivery docket. 2. Pump storage ITP	Once	other	R	CR

SECTION 4 – IN-PROCESS INSPECTIONS <i>Insert additional or delete unused rows as required. Include reference to specification.</i>								
Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type <i>(Visual, other)</i>	Inspection	
							Key	By <i>(Role Key)</i>
4.2	On-site assembly	Correct Pump to Mounting Plate Assembly.	Ensure all fasteners are tight and toqued to manufacturers specifications	KSB documentation & Installation Instruttiions	Once/per pumpset	Visual + Written	Inspection	IP
4.3	Pump 2 Installation	Correct Mounting plate position on plinth, correct use of fasteners and torque requirements, in accordance with KSB installation instruction	Position is determined by the fixed pipework. Ensure alignment of flange face is parallel to wet well wall	Drawing M0001	Once	Visual + Photograph	A/D	IP
4.4	Pump 2 Motor Installation	Motor/Pump shaft alignment	Motor and shaft alignment as best as possible	KSB documentation & Installation Instruttiions. Nothing final alignment to be undertaken by a Technician - Ref: 561482-ITP-005.2	Once	Visual + Photograph	A/D	IP
Note: Electrical connection of pumps and commissioning are covered in separate ITP's								





SECTION 5 – FINAL INSPECTION AND HANDOVER *Insert additional or delete unused rows as required. Include reference to specification.*

Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type <i>(Visual, other)</i>	Inspection	
							Key	By <i>(Role Key)</i>
5.1	Pump 2 & Motor assembly complete	Proceed with 561482-ITP005.2	Pump & Motor bolted to mounting plate and mounted to plinth.	This ITP	once	Visual + Document	I	IP

SECTION 6 – COMMENTS

	Customer Release Granted:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Date:	
	Certificate Number:				