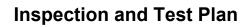


Inspection and Test Plan - Grout Pour - Penetration 1

ITP Reference Number 561482-ITP007.1

SECTION 1 - GENERA	AL DETAILS											
Project Name:	DCC11014 Water Pump Station Renewals - SILVERSTREAM								Responsibilities Use in sections 3, 4 and 5.			
Project Number:	561482	1482					Α	Action	Role Ke	,	Name	Signature/ Initial
Customer:	Dunedin City Council	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:	m: Grout Pour - SILVERSTREAM			N/	N/A D	Dimension Inspection	IP	Inspection Personnel	Jason Bell			
-		Number:					E	Examine	МС	Material Controller		
ITP Number:	561482-ITP007.1 Version: V1						Н	Hold Point	ОР	Operations Manager		
ITP Description:	Wet Well Wall grout pour Penetration 1 - Inspection Test Plan						I	Inspection	PM	Project Manager	Matt Paterson	
Discipline:	Wet Well Wall grout pour						М	Monitor on Random Basis	PS	Project Supervisor		
0 :5 ::	C11014 Water Pump Station Renewals Specification 12581908						0	Operation	QE	Quality Engineer		
Specification:							R	Review	QM	QA Manager		
	Construction Issue Draw	Construction Issue Drawings as issued by GHD - Silverstream Pump Station					s	Subcontractor	SP	Supervisor	Bruce Allan	
Drawings:	Drawings: Project Ref: 12581908-GHD-PS-SS-DRG-GN Drawings: G0001, M0001 through M0004 & P0001					٧	Visual Verification	ST	Superintendent			
Prepared By: (Name)	Matt Paterson Date: 16-12-24					4	w	Witness Point	sv	Surveyor		
Quality Specified:	None - As per Specification								ws	Welding Supervisor		
SECTION 2 - SIGNAT	URES - CLOSE-OUT & A	APPROVAL										
ITP Close-Out by Downer Name:		Name:	Matt Paterson/Jason Bell		Signature	Signature:				Date:		
Downer Approval		Name:	Matt Paterson/Stephen Vorgers		Signature:					Date:		
Customer Approval		Name:	Joff Riley / Mark Todd	ark Todd Sig		Signature	signature:				Date:	



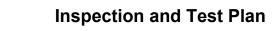


SECTION 3 – RECEIVING INSPECTIONS Insert additional or delete unused rows as required. Include reference to specification.										
							Inspection			
Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type (Visual, other)	Key	By (Role Key)		
3.1	Grout - SIKA MonoTop- 438R	Calculate Quantity	Correct volume to be calculated	Product Datasheet	Once	Written	R	CR		
3.2	Installed Reinforcing	IMeasure and check	Matches Design Drawings	Drawing M0003	Once	Visual + Photographs	٧	IP		
3.3	Spool/Puddle Flange	Measure and check	Inarrallel to structure &	As per drawing M0001 & M0002	Once	Visual + Photographs	V	IΡ		





Item No.	Activity/Tools	Inspection Point: Quality Control Activity	Acceptance Criteria				Inspection	
	Activity/ Task Description			Verifying Document	Frequency	Inspection Type (Visual, other)	Key	By (Role Key
4.1	Boxing of penertation		Matches Design Drawings by dinension and configuration	Drawing M0003	Once	Visual + Inspection HOLD POINT	Н	CR
4.2	Mixing of Grout		As per manufacturers instructions/guidelines	Product technical instruction sheets or certificate (if delivered)	once	Document	I	IP
4.3	Casting of wall penetration	Monitor the consistency and quality of the grout fill	As per manufacturers instructions/guidelines	Product technical instructions	once	Dodument + Visual	ı	IP
4.4	Vibrate	Vibrate to remove entrained air. Ensure all air is removed	Grout Placer Approval	This ITP	once	Visual + Photographs + Short video	I	IP
4.5	Monitor curing process	the boxing and areas of	No evident shrinkage or deformation. Repotr any issues to Engineer	As per drawings allowing 7 days curing time. Boxing can be removed after 72 hours	once	Visual	I	IP





SECTION 5 - FINAL IN	SPECTION AND HANDOVER IN	isert additional or delete unused i	rows as required. Include refere	ence to specification.				
		Inspection Point: Quality Control Activity	Acceptance Criteria			Inspection Type (Visual, other)	Inspection	
Item No.	Activity/ Task Description			Verifying Document	Frequency		Key	By (Role Key)
5.1	IREMOVE DOXIDO	At completion of all items on this ITP	Time period as indicated on programme	This ITP	once	Visual + Photograph	I	IP
SECTION 6 - COMMEN	ITS							
			Customer Release Granted:	☐ Yes	□ No	Date:		
			Certificate Number:		_	Date.		