

FCQA – ITP No. 07

Inspection & Test Plan/Checklist

P.O. Box 515, Five Dock NSW 2046
 bnewton@fluidcontracting.com.au
 Mobile: 0434 618 444



PROJECT:

DATE:

Rev No: 001

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Trade/Supply Item:	Hydraulics – Stormwater	Contractor: Fluid Contracting Head Contractor: BESIX Watpac	Location of Works:						
Reviewed by: Project Manager: Contact: Date:	Blake Newton Mick Patterson 0417 162 226 19/03/2025	Applicable Standards Specifications, Design Documentation and AS/NZS Standards	INSPECTIONS & VERIFICATION						
WORK ACTIVITY/ SEQUENCE	REFERENCE (Aust. Standard No., Contract Clause, DRW No, Manufacturers Recommendations, BCA, DA etc)	ACCEPTANCE CRITERIA (Specific requirements of Aust. Standard, Contract Clauses, Specifications, Drawings, Manufacturers Recommendations BCA, DA etc)	Subcon-tractor	Date	Initial	Witness (Subcon-tractor)	Date	Initial	Comments / Records Record changes required to meet specification e.g. variation #, RFI #, alternative (material, process etc) used, sample approved on (date), NCR #., test reports, survey data, written approvals (letter reference)
SCOPE OF WORK	Subcontract documentation, specifications, design documentation and issued for construction drawings	Check documents are current & for construction Check levels & falls	S			S			
COMPETENCY	Recognised Australian Authorities	Trade registration	S			S			
SET OUT	Subcontract documentation, specifications, design documentation and issued for construction drawings	Mark out pipe locations and co-ordinate with other trades.	S			S			
PIPE SUPPORTS	Subcontract documentation and AS3500.2 Table 9.1	Pipes to be supported as per AS3500.2 Table 9.1	S			S			
PIPE LAYING	Subcontract documentation AS3500.3 Clause 7.4.2	Pipes to be laid in straight lines between changes of directions. Pipes are to be laid on base of crushed hard rock or coarse washed sand.	S			S			
PIPING	Subcontract documentation	Check that all sealants & adhesives are compatible with pipe materials. Pipework selection and sizes as per specifications and for construction drawings and AS 3500. Verification that delivered products are as per specification & approved samples.	S			S			

Note: Signatures & dates are required under “Inspections and Verification” column. Do not just tick!

When preparing the ITP, consider consequences of failure such as cost of remedial work, effect on construction program, accessibility for rectification, disruption to use of building, consequential damage to other elements, threat to safety of workers & public, breach of legal or other regulatory requirements.

H = Hold Point

Work **cannot** proceed without verification/approval by another party

W = Witness

A point where another party may inspect or test. (eg. contract requirements for witness points)

S = Sign-off

Verification of quality of work, conformance with specification etc

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MARKING & LABELING	Subcontract documentation, specifications, design documentation and issued for construction drawings	Underground pipework to have identification tape installed.	S			S			
PITS	Specifications, design documentation and issued for construction drawings	Pits to have smooth, seamless finish using steel trowel or concrete cast in steel frames. Design and for construction drawings	S			S			
TESTING	Subcontract documentation and AS3500.3 section 10	Hold/Witness point, invitation to inspect Hydrostatic Testing.	WS			S			
BACKFILL COMPACTION	Subcontract documentation	Pipes are to be laid on base of crushed hard rock or coarse washed sand. The balance of the trench to be filled and compacted with selected removed spoil.	WS			S			
FINAL TRIM/ CLEAN SITE	Area cleaned and fit for following trade commencement.	Final clean and grade site area affected by the Stormwater scope of works Excess spoil removed from site by as per contract terms	S			S			
FINAL INSPECTION / COMPLETION	Subcontract documentation	Verify all inspections, complete records clean and flush entire installation. CCTV of all completed pipe work. Submission to be completed and submitted to BESIX Watpac.	WS			S			

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RECORD DRAWINGS	Subcontract documentation	Provide Requirement as per contract documentation including Dimensioned, Surveyed, Falls, Locations and Components. Provide verifications of testing. Hydraulic Consultant (LCI) invitation to inspect.	H			S			

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