

HYDRAULIC PRESSURE TEST FOR WATER MAINS

PROJECT LOCATION: _____

CASE No: _____

CONSTRUCTION COMPANY: _____

FIELD TESTING COMPANY: _____

WATER SERVICING COORDINATOR
COMPANY: _____

WATER SERVICING
COORDINATOR: _____

CHARGING OF MAIN: Sydney Water officer notified: _____ /_____/____

LOCATION OF
MAIN USED: _____

CHARGED
BY WHO: _____ CONSTRUCTOR/FIELD TESTER

PRE-DISINFECTION TEST RESULTS

DATE ____/____/____

Note:
Confirm the construction method used to determine the testing requirements.

Odour test completed Yes

Rating scale:
1 – Excellent 2 - Excellent 3 - Some odour/acceptable
4 – Bad odour and unacceptable 5 – undrinkable and offensive

Rating:
1 2 3 4 5

Note: A rating of 1 -3 must be achieved. Pass Fail

Clarity test applicable Yes No

Rating scale:
1 – Clear 2 – cloudy/milky 3 – Black/Brown 4 – Yellow/orange
5 – Blue/green 6 Other _____

Rating:
1 2 3 4 5 6

Note: A rating of 1 must be achieved. Pass Fail

Turbidity test applicable Yes No

The test result is ≤ 2 NTU Pass Fail

PRELIMINARY PRESSURISATION OF MAIN

DATE ____/____/____ TIME: Start ____ am/pm – PRESSURE ____ Finish ____ am/pm – PRESSURE ____

HYDRAULIC PRESSURE TEST

DATE ____/____/____ NOMINAL (N): _____ LENGTH (L): _____ DESIGN: _____
SIZE OF PIPE BEING TESTED PRESSURE

Reading No.	PRESSURE READING	WATER ADDED
1		
2		
3		
4		
5		
6		
7		
8		
	Average (H): _____ (m)	Average / 0.5 hr: _____ (l)

MAXIMUM ALLOWABLE LOSS RATE (litres per hour)

Calc.: $\frac{0.14 \times N \dots\dots (mm) \times L_p \dots\dots (km) \times H \dots\dots (m)}{1000} = \dots\dots\dots \text{ L/hour}$

Where N = pipe size, L_p = length of pipe tested, H = test pressure aver.

STOP VALVE TESTING

No.	Location – Chainage	Result	No.	Location – Chainage	Result

Test Result: COMPLY / NON COMPLY TO SYDNEY WATER STANDARDS

Comments:
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Test method in accordance with Water Supply Code of Australia (Sydney Water Edition), Clause 19.4

Test Performed by: _____ (Print) of _____

Date: ___/___/___