

A

Step 3: Test set-up - Pump 1

The purpose of this test set-up is to verify the operation of the flow through the system to test the backflow preventer.

For set-up, a high differential and flow may be achieved by increasing the flow rate of the backflow preventer (BFP) to 100%.

As settings to structures should be blocked to a subject, the flow control valve, manual valve, should be closed to the set-up as shown in the example below.

Test equipment connections:

System output control (Pump 1):

System output control (Pump 2):

Buttons: [Back] [Next] [Cancel]

B

Step 4: Pump Output Adjustment - Pump 1

If the flow rate is not 100% (200 L/min), adjust the position of the flow control valve from the screen. When you have achieved a flow of 200 L/min, click the [Next] button.

Buttons: [Back] [Next] [Cancel]

C

Step 5: Results - Pump 1

This test result report provides the results of the test. The test results are displayed in the table below. The test results are displayed in the table below. The test results are displayed in the table below.

Flow	Flow Rate (L/min)	Pressure (kPa)
Pump 1	200	100

Buttons: [Back] [Next] [Cancel]

D

Task properties: AN Continuous-Zone

AN Continuous-Zone

General

AN Continuous-Zone

Description: Up to 4 sub-zones with continuous identification and zone flow

Profile: 001

Pumps: 1000

Signals: 1000 (Button to edit)

Buttons: [OK] [Cancel]

E

Task properties: 0002

General

0002

Output: 0

Enabling

Enable:

Deactivation after: 0.4

Deactivation: 0.4

Time to activate: 0.4

Timing

Cycle Time (min): 60

Stop Cycle Time: 20%

Buttons: [OK] [Cancel]

F

Task properties: 0002

General

0002

Output: 0

Enabling

Enable:

Deactivation after: 0.4

Deactivation: 0.4

Time to activate: 0.4

Timing

Cycle Time (min): 60

Stop Cycle Time: 20%

Buttons: [OK] [Cancel]

G

Task properties: 0003

General

0003

Output: 0

Enabling

Enable:

Deactivation after: 0.4

Deactivation: 0.4

Time to activate: 0.4

Timing

Cycle Time (min): 60

Stop Cycle Time: 20%

Buttons: [OK] [Cancel]

H

Task properties: 0003

General

0003

Output: 0

Enabling

Enable:

Deactivation after: 0.4

Deactivation: 0.4

Time to activate: 0.4

Timing

Cycle Time (min): 60

Stop Cycle Time: 20%

Buttons: [OK] [Cancel]

I

Task properties: 0003

General

0003

Output: 0

Enabling

Enable:

Deactivation after: 0.4

Deactivation: 0.4

Time to activate: 0.4

Timing

Cycle Time (min): 60

Stop Cycle Time: 20%

Buttons: [OK] [Cancel]

I

Task properties: 0003

General

0003

Output: 0

Enabling

Enable:

Deactivation after: 0.4

Deactivation: 0.4

Time to activate: 0.4

Timing

Cycle Time (min): 60

Stop Cycle Time: 20%

Buttons: [OK] [Cancel]