

## Annual gas trip valve test procedure

1. See table overleaf showing details of boilers and controls
2. Fit gas pressure manometer local to Potterton boiler and record reading on table below
3. Turn off gas supply to Andrews water heater
4. Set boiler time switches in "over-ride" mode to make boilers operate
5. Set all three roomstats to max
6. Check all three boilers in operation
7. Operate fire alarm manual call point in boiler house
8. Check fire alarm zone 1 goes into alarm state (red lights, sounder)
9. Check "gas valve shut" indication shows red on fire alarm panel in foyer
10. Check all three boilers stop operating
11. Use red key to silence alarm, do not accept
12. Check gas pressure on manometer and record reading on table below (should be approx zero)
13. Check that both Worcester boilers "lock out" after four re-start attempts
14. Re-check gas pressure on manometer after 10 minutes and record reading on table below (should still be approx zero)
15. Reset manual call point and then reset alarm at control panel
16. Check "gas valve shut" indication no longer red
17. Check Potterton Boiler restarts automatically
18. Press reset button on each of the Worcester boilers and check both operate
19. Check gas pressure on manometer and record reading on table below
20. Remove manometer
21. Reset roomstats to minimum
22. Reset time switches
23. Turn on gas to Andrews water heater and re-light

### Test results:

|             |                |
|-------------|----------------|
| Tester name | CRAIG SWINDEN  |
| Company     | BARROWS UK LTD |
| Date        | 2/10/2017      |

|                                 |  |
|---------------------------------|--|
| Tarporley Community Centre name |  |
|---------------------------------|--|

| Step number | Gas pressure mBarg | Comments |
|-------------|--------------------|----------|
| 2           | 23mb               | All OK   |
| 12          | 0 mb               | All OK   |
| 14          | 0 mb               | All OK   |
| 19          | 24mb               | All OK   |
|             |                    |          |

|                           |                                     |
|---------------------------|-------------------------------------|
| Other faults or comments: | Test result: <u>Passed</u> / Failed |
| All GOOD                  |                                     |