

## CONTROL VALVE CALIBRATION REPORT (POSITIONER STROKE CHECK)

Company: Your Company Name / Logo

Doc no: Rev:

Yellow cells: enter data. Grey cells: calculated automatically. Free template from [instrumentationblog.in](http://instrumentationblog.in)

| Valve details             |  |                                      |  |
|---------------------------|--|--------------------------------------|--|
| Tag number                |  | Service                              |  |
| Valve type and size       |  | Actuator action                      |  |
| Positioner make and model |  | Positioner serial no                 |  |
| Rated travel (mm)         |  | Position tolerance ( $\pm$ % travel) |  |
| Air supply (bar)          |  | Test date                            |  |

### Stroke check (direct acting: 4 mA closed, 20 mA open)

| Signal (%)                | Signal (mA) | As found travel (mm) | As found position (%) | As found error (%) | As left travel (mm) | As left position (%) | As left error (%) | Result |
|---------------------------|-------------|----------------------|-----------------------|--------------------|---------------------|----------------------|-------------------|--------|
| 0                         | 4.00        |                      |                       |                    |                     |                      |                   |        |
| 25                        | 8.00        |                      |                       |                    |                     |                      |                   |        |
| 50                        | 12.00       |                      |                       |                    |                     |                      |                   |        |
| 75                        | 16.00       |                      |                       |                    |                     |                      |                   |        |
| 100                       | 20.00       |                      |                       |                    |                     |                      |                   |        |
| 75                        | 16.00       |                      |                       |                    |                     |                      |                   |        |
| 50                        | 12.00       |                      |                       |                    |                     |                      |                   |        |
| 25                        | 8.00        |                      |                       |                    |                     |                      |                   |        |
| 0                         | 4.00        |                      |                       |                    |                     |                      |                   |        |
| Maximum as left error (%) |             |                      |                       |                    |                     |                      |                   |        |
| Overall result            |             |                      |                       |                    |                     |                      |                   |        |

### Stroke time and functional checks

|                                  |  |                                   |  |
|----------------------------------|--|-----------------------------------|--|
| Full stroke time, opening (s)    |  | Full stroke time, closing (s)     |  |
| Fail action on air loss correct? |  | Position feedback to DCS correct? |  |
| Air leaks checked?               |  | Tight shut off at 0 %?            |  |

| Performed by | Checked by | Approved by |
|--------------|------------|-------------|
| Name:        | Name:      | Name:       |
| Signature:   | Signature: | Signature:  |
| Date:        | Date:      | Date:       |