|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CALIBRATION REPORT** | | | | | | | | | |
| **I to P CONVERTOR** | | | | | | | | | |
| **Doc No:** |  | | **Pressure Range:** | |  | | **Calibration Date:** | |  |
| **Tag No:** |  | | **Calibration Range:** | |  | | **Next Due Date:** | |  |
| **P&ID No:** |  | | **Model/Make:** | |  | | **Rev No:** | |  |
| **Service:** |  | | **Serial No:** | |  | |  | |  |
| **Diagram No:** |  | | **Accuracy:** | |  | |  | |  |
| **CALIBRATION TEST RECORD** | | | | | | | | | |
| **Applied**  **Current**  **(in mA)** | | **Pneumatic Signal in PSI** | | | | **Control Valve Position in Percentage** | | | |
| **Theoretical**  **Value in PSI** | | **Output of I - P**  **Transducer in PSI** | | **Opened in %** | | **Closed in %** | |
| 4 | | 3 | | 3.1 | | 0 | | 100 | |
| 8 | | 6 | | 5.9 | | 25 | | 75 | |
| 12 | | 9 | | 9 | | 50 | | 50 | |
| 16 | | 12 | | 11.8 | | 75 | | 25 | |
| 20 | | 15 | | 15.3 | | 100 | | 0 | |
| 16 | | 12 | | 11.9 | | 75 | | 25 | |
| 12 | | 9 | | 8.9 | | 50 | | 50 | |
| 8 | | 6 | | 6 | | 25 | | 75 | |
| 4 | | 3 | | 2.9 | | 0 | | 100 | |
|  | |  | |  | |  | |  | |
|  | | **Calibrated by** | | **Verified by** | | **Approved by** | | **Remarks** | |
| **Name:** | |  | |  | |  | |  | |
| **Designation:** | |  | |  | |  | |  | |
| **Department:** | |  | |  | |  | |  | |
| **Sign:** | |  | |  | |  | |  | |
| **Date:** | |  | |  | |  | |  | |
|  | | | | | | | | | |

***Note:*** *Enter the value observed during calibration in highlighted cells*