

Calibration Performa

Department: Instrument

Instrument Tag: FT-02306E Instrument Name: Flow Transmitter
 P&I No /Location: D-13310-0 Range: 0 ~ 40 m³/hr
 Calibration Frequency: One Year Instrument used for calibration: Altimeter
 Reference Document: 05-20 Plant: Nitric Acid
 Acceptable Error: ± 2.0%

Result Before Calibration:

| Reference Data | Observed Data | Error (If any) |
|----------------|---------------|----------------|
| y = 1.25 | 5.86 mA | Nil |
| y = 2.50 | 7.69 mA | |
| y = 5 | 11.36 mA | |
| y = 10 | 18.66 mA | |
| | | |

Result After Calibration:

| Reference Data | Observed Data | Error (If any) |
|----------------|---------------|----------------|
| / | / | / |
| | | |
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Remarks (If Any): $x = \frac{(Q_{max})(K)(F)}{(Gk) D^2}$, $I = I_{min} + (I_{max} - I_{min}) y/x$
 $D = 4''$, $Gk = 2.503$, $k = \text{constant value} = 10.96$
 $F = 1$

| | | |
|---------------------|---------------|---------------|
| 18-01-2008 | Next A.T.A | Zubair + Saif |
| Date of Calibration | Next Due Date | Calibrated By |