

## Calibration Performa

### Department: Instrument

Instrument Tag: FT-02306A      Instrument Name: Flow Transmitter  
 P&I No /Location: D-13310-0      Range: 0~40 m<sup>3</sup>/hr  
 Calibration Frequency: One Year      Instrument used for calibration: Altimeter (G58)  
 Reference Document: 05-20      Plant: Nitric Acid  
 Acceptable Error: ± 2%

### Result Before Calibration:

Reference Data	Observed Data	Error (If any)
$y = 1.25$	5.81 mA	/ Nil /
$y = 2.50$	7.63 mA	
$y = 5$	11.29 mA	
$y = 10$	18.60 mA	

### Result After Calibration:

Reference Data	Observed Data	Error (If any)
/	/	/
/	/	/
/	/	/
/	/	/

Remarks (If Any):  $X = \frac{(Q_{max})(k)(F)}{(GK) D^2}$ ,  $I = I_{min} + (I_{max} - I_{min}) \frac{y}{x}$   
 $D = 4''$ ,  $GK = 2.503$ ,  $k = \text{constant value} = 10.96$   
 $F = 1$

20-01-2008	Next A.T.A	Zubair + Bilal
Date of Calibration	Next Due Date	Calibrated By

## Calibration Performa

**Department: Instrument**

Instrument Tag: FT-02306B Instrument Name: Flow Transmitter  
 P&I No /Location: D-13310-0 Range: 0 ~ 40 m<sup>3</sup>/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)
/	/	/

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