

## Calibration Performa

**Department:** Instrument

Instrument Tag: FT. 309 C

Instrument Name: Flow Transmitter

P&I No /Location: \_\_\_\_\_

Range: 0 ~ 15 m<sup>3</sup>/h

Calibration Frequency: One year

Instrument used for calibration: Alto meter (GS. 8)

Reference Document: OS-20

Plant: Nitric Acid Old. (Line C)

Acceptable Error: + 2%

**Result Before Calibration:**

Reference Data	Observed Data	Error (If any)
$Y = 1.25$	4.99 mA	Nil
$Y = 2.5$	5.99 mA	
$Y = 5$	7.99 mA	
$Y = 10$	11.98 mA	

**Result After Calibration:**

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

Remarks (If Any):  $x = \frac{Q_{max}(K)(F)}{GK(Dn)^2}$ ,  $I = I_{min} + (I_{max} - I_{min}) \frac{x}{y}$

$D = 1.5$

$GK = 3.644$

$K = \text{Constant} = 10.96$

$F = 1$

18.01.2008	Next ATA	Munir + Saif-ur-Rehman
Date of Calibration	Next Due Date	Calibrated By