

1. Calibration of 12" and 16" inline ultrasonic flow meters at Water Flow Laboratory of FCRI
2. Cv testing of a Butterfly valve at Large Water Flow Laboratory of FCRI
3. Airborne / Structure borne/Reverse noise measurements at the Acoustic Test Facility of FCRI.
4. Calibration of Averaging Pitot Tubes (APTs) at the Wind Tunnel Facility (WTF).
5. EFFBE-France SAS in FCRI flow museum

## 1. Calibration of 12" and 16" inline ultrasonic flow meters at Water Flow Laboratory of FCRI

The calibration of 12" and 16" inline ultrasonic flow meters was completed at Water Flow Laboratory of FCRI



Calibration of ultrasonic flow meters

## 2. Calibration of 12" magnetic flow meter at Water Flow Laboratory of FCRI

Calibration of 12" magnetic flow meter was performed at Water Flow Laboratory of FCRI



Calibration of 12" magnetic flow meter at WFL

## 3. Airborne / Structure borne/Reverse noise measurements at the Acoustic Test Facility of FCRI.

Airborne / Structure borne/Reverse noise measurements were done on motors (Wiper motor & window lift motor) at the Acoustic Test Facility of FCRI.



Noise measurements at Acoustic Test Facility



Noise measurements at Acoustic Test Facility

#### 4. Calibration of Averaging Pitot Tubes (APTs) at the Wind Tunnel Facility (WTF).

The calibration of four Averaging Pitot Tubes (APTs) was done at the Wind Tunnel Facility (WTF). These APTs were designed to be used in ducts of sizes 1050mm x 450mm, 1000 mm x 600 mm, 1000 mm x 750 mm and 1300 mm x 1000 mm. The calibration set up was fabricated by FCRI. Our existing 75 kW blower was rotated and a new flow path was set up, with each type of duct system around 18m to 21m long. The DUC APT and reference Multi Pitot Tube were placed at specific points in the flow path. For each APT, three calibration points were taken, one at the normal flow rate, one above it and one below it.



APT Calibration at Wind Tunnel Facility

#### 5. EFFBE-France SAS in FCRI flow museum of FCRI

EFFBE-France SAS, manufacturers of synthetic rubber diaphragms used mainly in fuel pumps, valves, gas regulators, flowmeters etc. have joined the list of Exhibitors putting up their product line at the FCRI flow museum. Their exhibits were inaugurated jointly by Director, FCRI & Effbe officials, Mr. Michel Mougín – Sales Director Mr. Michel Cerney - Manager R & D and Mr. Lalith Unambuwe



“ EFFBE-France SAS in FCRI flow museum”

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