

1. Calibration of throat tap Flow Nozzle at Water Flow Laboratory
2. Calibration of 10" Venturimeter at Water Flow Laboratory
3. Calibration of 6" mass flow meter at WFL
4. Testing of 8" angle valve at WFL
5. Positive Displacement flowmeter of size 1" was calibrated at OFL
6. On-site testing of AMR by Centre for Water Management
7. Calibration flowmeters and analysers at AFL
8. Major tests/Calibrations carried out at HPATF/Wind Tunnel Lab

## 1. Calibration of throat tap Flow Nozzle at Water Flow Laboratory

Calibration of throat tap Flow Nozzle was carried out for 16" size in strict accordance with ASME PTC6 2004. The calibration was performed individually on four taps from 1million throat Reynolds number



Calibration of throat tap Flow Nozzle 16"

## 2. Calibration of 10" Venturimeter at Water Flow Laboratory

Calibration of 10" Venturimeter was done at Water Flow Laboratory of FCRI



Calibration of 10" Venturimeter at WFL

## 3. Calibration of 6" mass flowmeter at WFL

The flow and density calibration was performed on 6" mass flowmeter at Water Flow Laboratory of FCRI



Calibration of mass flow meter

#### 4. Testing of 8" angle valve at WFL

Testing of 8" angle valve was performed at Water Flow Laboratory of FCRI



Testing of 8" angle valve at WFL

#### 5. Positive Displacement flowmeter of size 1" was calibrated at OFL

PD flowmeter of size 1" was calibrated at Oil Flow Laboratory of FCRI



Calibration of PD flowmeter of size 1" at OFL

## 6. On-site testing of AMR by Centre for Water Management

AMR (Automated Meter Reading) testing of DN 15 water meter has been performed at a Manufacturer as part of Model Approval Testing for Legal Metrology. Testing was performed in the gravimetric test facility of the Manufacturer and the meter readings were taken from the cloud server



AMR (Automated Meter Reading) testing of DN 15 water meter

## 7. Calibration of flowmeters and analysers at AFL

Calibration was performed for specialized flowmeters including Rotameters, 6" Flowsonix mass flow meters, Gas flow analyzers etc. at Air Flow Laboratory of FCRI



Calibration/Testing of Various Flow Elements at AFL

## 8. Major tests/Calibrations carried out at HPATF/Wind Tunnel Lab

- Testing of 1" Control Valve
- Calibration of 2" Rotameter
- Calibration of 0.25" Regulator
- Calibration of Mass Flow Meter
- Calibration of Vane Anemometer



Valve Testing



Rotameter Calibration



Mass flow meter Calibration



Regulator Calibration



Vane Anemometer Calibration

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