

1. Calibration of throat tap Flow Nozzle at Water Flow Laboratory
2. Calibration of 16" magnetic flowmeter at Water Flow Laboratory
3. Angle valve (4") tested at Water Flow Laboratory
4. Mass flow meter Calibration at Oil Flow Laboratory
5. On-site Calibration
6. Calibration of flow meters at Air Flow Laboratory
7. Dynamic Response Testing of 14" Control Valve
8. Testing of high pressure 3 way by-pass valve at VCRC
9. Torque testing of 4" and 2" butterfly valves
10. Calibration of mass flow meter (Size 10") at Water Flow Laboratory
11. Mass flow meter of size 6" was calibrated at Oil Flow Laboratory

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

Calibration of 16" NB size throat-tap Flow Nozzle was carried out for in strict accordance with ASME PTC-6: 2004. The calibration was performed individually on four taps from 1 million throat Reynolds number



Calibration of throat tap Flow Nozzle of size 16" at WFL

## 2. Calibration of 16" magnetic flowmeter at Water Flow Laboratory

Calibration of 16" magnetic flowmeter was carried out at Water Flow Laboratory



Calibration of 16" magnetic flowmeter at WFL

## 3. Angle valve (4") tested at Water Flow Laboratory

Angle valve(4") was tested at Water Flow Laboratory of FCRI



4" angle valve under test at WFL

## 4. Mass flow meter Calibration at Oil Flow Laboratory

Mass flow meter of size 6''' was calibrated at Oil Flow Laboratory of FCRI



Mass flow meter of size 6'' calibration at Oil Flow Laboratory

## 5. On-site Calibration

Calibration of a 450 mm ultrasonic water-meter installed on pumping mains of a major Metropolitan Water Supply was calibrated at site.



On-site Calibration of a 450 mm ultrasonic water meter

## 6. Calibration of flow meters at Air Flow Laboratory

Calibration of various flow meters were performed at Air Flow Laboratory of FCRI.



Calibration of flow meters at Air Flow Laboratory

## 7. Dynamic Response Testing of 14" Control Valve

Dynamic Response testing of a 14"NB Control Valve, including Frequency Response test, was performed by the Data Acquisition Systems Group.



Dynamic Response Testing of 14" Control Valve

## 8. Testing of high pressure 3 way by-pass valve at VCRC

Testing of high pressure 3 way by-pass valve was carried out at Valve Cavitation and Research Centre (VCRC). Flow testing was done at 25 bar pressure



Testing of high pressure 3 way by-pass valve at VCRC

## 9. Torque testing of 4" and 2" butterfly valves

Torque testing of 4" and 2" butterfly valves was carried out at Large Water Flow Laboratory



Torque testing of 4" and 2" butterfly valves

## 10. Calibration of mass flow meter (Size 10") at Water Flow Laboratory

Calibration of mass flow meter (Size 10") was done at Water Flow Laboratory.



Calibration of mass flow meter (Size 10") at WFL

## 11. Mass flow meter of size 6" was calibrated at Oil Flow Laboratory

Mass flow meter of size 6" was calibrated at Oil Flow Laboratory



Calibration of mass flow meter (Size 6") at OFL