



### 3. Testing of four Safety Relief Valves at LWFL of FCRI

Safety relief valves were tested at a maximum pressure of 20bar at the FL Test Facility at FCRI.



Safety Relief Valves under testing at FL Test Facility

### 4. Change over valve testing & Surge relief valve testing at WFL of FCRI

Change over valve of 6" size was tested at Water Flow Laboratory of FCRI & a Surge relief valve of 12" size was tested at WFL



Change-Over Valve under test



Surge Relief Valve under test

## 5. Ultrasonic Flowmeter Calibration & Nozzle testing at OFL

Ultrasonic flow meters of sizes 10" & 6" were calibrated at Oil Flow Laboratory & a Nozzle was tested for pressure loss at OFL. Nozzle was Dispenser type Nozzle.



Ultrasonic flowmeter under calibration at OFL



Nozzle under test at OFL

## 6. Training Programme

The following training Programmes were conducted.

- 1) A five days Bi-Monthly training Programme on "On the Job Training for Field Engineers on Flow Meters & Calibration Techniques"
- 2) A three days joint training programme with Petronet LNG on "Concepts of LNG and Natural gas metering & custody transfer"
- 3) An International training program in "OIL, WATER AND GAS FLOW MEASUREMENT AND CONTROL TECHNIQUES & STANDARDS" (21st Aug to 21st Oct 2018).
- 4) A POST GRADUATE CERTIFICATE PROGRAMME IN "LIQUID & GAS / AIR FLOW MEASUREMENT AND CONTROL TECHNIQUES & STANDARDS" (21st Aug to 20th Nov 2018).



ON THE JOB TRAINING AT FCRI



INTERNATIONAL TRAINING PROGRAM

## FLUID CONTROL RESEARCH INSTITUTE

(Under Ministry of Heavy Industries & Public Enterprises)

Kanjikode West, Palakkad – 678 623, Kerala, India

Tel: +91-491-2566120/206/2569009; Fax: +91-491-2566326,

Website: [www.fcriindia.com](http://www.fcriindia.com)