

## **Bureau of Indian Standards (Northern Regional Laboratory, Mohali)**

NRL organised a Lab meeting on ‘Automation and Modernization in the field of Testing of Stationary storage type electric water heaters and Electric instantaneous water heaters’ on 2 June’23 at Mohali. Multiple reputed suppliers/ manufacturers of respective fields were invited. Some of the organizations sent their representatives.

For inaugural address, Sh. Rajeev Sharma, Deputy Director General (Laboratory), of BIS interacted with all the firm representatives present and the BIS officials from various laboratories. He informed about efforts made by BIS management to make improvement in the laboratory infrastructure to incorporate automation to keep the laboratories developed with latest advancements available in the market. In his opening remarks, he emphasized on need of standardization along with building capacity for testing in view of various QCOs being implemented through various Ministries.

After that ,Sh. Ved Prakash, Sc. D & HNRL, explained the objective of conclave and need of Modernization and automation of testing of Stationary and instantaneous water heater as per IS 2082 and IS 8978.

Thereafter, Officer In-Charge (Electrical) presented about technical requirements for automatic test setup for testing above electrical appliances. The details of the proposed test setup along with other associated works were discussed in detail during his presentation. After that tour of laboratory was organised for all the industry people and other BIS officials and they were taken to Electrical testing sections where current test setup of Stationary storage type electric water heaters and Electric instantaneous water heaters are housed. Sh. Om Narayan Kumar, LO exhibit the present test setup and elaborated the need of possible automation and modernization in testing of these appliances.

During Technical session, all manufacturer s introduced their firm and firm’s portfolio and about the software and instruments for Automation and Modernization in the field of Testing of above appliances. Some manufacturer also suggested the minor changes and improvements in technical specification for the test setups.

The program was concluded by Shri Rushikesh who summed up all the ideas of the meeting and he presented the Vote of thanks to the august gathering.

Few photographs captured during conclave are attached hereby:

1. Inaugural Session by Sh. Rajeev Sharma, Deputy Director General (Laboratory)



2. Objective explained by Sh. Ved Prakash, Sc. D & HNRL



### 3. Lab tour to manufacturer



### 4. Group Photograph



