

## **HSE SYMPOSIUM WITH BPCL:**

P&E Section of OISD jointly organized one virtual HSE Symposium with BPCL Mumbai Refinery (BPCL-MR) on 23<sup>rd</sup> October 2020. **“Enhancing Safety and Reliability through inculcating a ‘Robust Safety Culture’”** was the theme of the HSE Symposium.

Participation for the symposium was extended to other refineries covering BPCL-MR, BPCL Kochi (BPCL-KR), BORL-Bina and NRL-Numaligarh. Participation in the day long program was excellent with 80 members from these refineries and 10 nos. from OISD.

Every Refinery has its inherent process safety hazard which may be either fire & explosion or release of toxic gas. So a very critical monitoring of process parameters is essential on a continuous basis and competencies of the operation and maintenance personnel play a vital role towards sustained and safe operation of the refinery facilities. Various topics on safety had been presented by speakers from BPCL and OISD were highly relevant in this regard and all the four refineries associated with BPCL as well as OISD gained a lot from these presentations and interactions during the symposium.

Inaugural speech on Refinery Safety delivered by ED BPCL, Kochi Refinery Sri Muruli Madhavan was very motivating and inspired all the four participating delegates from the four refineries and OISD towards inculcating a sound safety culture in their respective work areas.

The keynote address was delivered by ED OISD, Sri Arun Mittal, where he highlighted that despite having sound safety management systems (SMS), incidence of fire, accidents, property loss & human injuries are still taking place regularly at Refineries and oil installations. The root cause of such incidents have been found to be soft issues like human carelessness, noncompliance of Standard operating procedures (SOP), work permit instructions, disregard to PPE usage etc.

To improve this scenario, he stressed that along with a sound SMS, a strong safety culture needs to be built up among all levels of employees / workmen in an industry, so that everyone works as a vigilant safety manager on a 24x7 basis and ultimately honours all the pillars of SMS eg. Work permit system, SOPs, PPEs, reporting to unsafe acts / conditions, near miss etc.

The deliberation put forward by ED OISD greatly inspired all the participants of the Symposium.

During the course of the HSE symposium, following papers were presented by the learned faculties from Refineries & OISD; Each one of them communicated lucidly on the subject matter of his respective paper, which were well appreciated and acknowledged by the participants: -

- The role of leadership in effective governance of process safety management in Mumbai Refinery: - by Sri Sashi I of BPCL Mumbai Refinery.
- Incident Analysis and PSM Incidents: - by Sri DM Mahajan, Jt. Dir OISD
- Petrochemical safety-Case study: - by Sri VP Singh, Jt. Dir OISD
- Instrumentation maintenance: - by Sri KM Madhu & Sri V Soosai Raj of BPCL Kochi Refinery
- Importance of safety and reliability in Hydrocarbon Industry: - by Sri NK Baishya, Addl. Dir OISD.
- Learnings from incidents and new initiatives at NRL: - by Sri Bibhuti Deka and Sri Nischay Ghorpare of NRL.
- Significance of Behaviour Based Safety for safety in Refinery operation: - by Sri Samarendu Chakraborty of BORL.

Sri Arun Kumar Das, GM HSE of BPCL Mumbai Refinery compared the events during the symposium. The symposium was concluded with a closing address, delivered by Sri Mrinal Kumar Dutta, Addl. Dir OISD.