



# हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

## HINDUSTAN PETROLEUM CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020.

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March 20, 2020

The Managing Director,  
Vimal Fire Controls Pvt Ltd.  
Unit No 19 & 20,  
Vardhaman Services Ind Estate  
LBS Marg, Vikhroli (West)  
Mumbai – 400083

### **Sub: Launching of newly developed advanced Firefighting Equipment & Systems with Demonstration on LIVE Fire**

Dear Shri. Doshi,

I, on behalf of our team, thank you for inviting us to witness the Product Launch with Live Fire Demonstration of your Vadodara facilities on 22/02/2020.

I along with our Executive Director, Corporate HSE and three Offices of HSE function of HPCL have seen your production facilities equipped with state of art technology with automatic/semiautomatic controls. Subsequently witnessed the live demonstration on actual fire of newly developed & innovative firefighting equipment & systems which are very effective and can be used for combating fire in Oil & Gas Industries.

- 10500 GPM Foam Monitors for extinguishing large Diameter Storage Tank Fires.
- Automatic Heat Detection cum Suppression System for protection of Electrical Transformer by purging Nitrogen internally & externally by water mist Fire protection system (NIFPS).
- Automatic Heat Detection cum Foam based suppression system for protection of Tank Truck Filling Shed & Tank Wagon Gantry .
- Fully Automatic Tube Type, filled with NOVEC 1230 fire suppression system for electrical panel / cabinet protection system .
- ISI Marked lightweight Aluminium Fire extinguisher
- ISI marked portable water-mist Fire extinguisher, this extinguisher found very effective. It can be used for the class of fire A, B, C & F as well on electrical fire. This can be used everywhere including Retail Outlets, Buildings, and Plants etc.
- Online variable flow Foam Monitor.

- Online variable flow Foam Monitor.
- Wireless portable Hydrocarbon Leak Detection System
- Artificial Intelligence Based Fully Automated Robotic Fire Fighting System without Human Intervention. The fire was traced and extinguished automatically by the Foam Monitor. It is can be used to protect critical facilities manned or un manned.
- Live demo of Wireless Operated Fire Fighting Robots (Engine or Battery Operated both) mounted with 1000 GPM & 750 GPM capacity foam monitor which extinguished multiple fires instantly including petroleum storage tank, process platform and ground fire. This robot can be operated in wireless mode by remote control from the distance of 60 mts, This can be used for fighting fire where human approach is difficult or not possible.

We have also seen your IMSAFE ACADEMY at Vadodara for imparting LIVE FIRE training & skill development.

It was an excellent show & value adding experience for us. I am sure that industry will get immensely benefitted with such innovative products developed by your organisation. My compliments to you & your team for developing these advanced equipment & updating to industries who need such product to fight fire.

Thanking you,

Yours' Sincerely,



Sukumar Nandi  
Executive Director HSE-(Corporate)