



## **Webinar Title: LUBRICATION MANAGEMENT & AUDIT**

**Expert Speaker (Name/ Designation)** – Dr.S.K.Chakravorty, Ex DDG (TS), NPC

**Webinar Date:** 07<sup>th</sup> August 2020

**| Duration:** 1 Hr 15 min

**About Webinar (Brief One Para):** - There has been phenomenal advancement in the science of Tribology (related to friction, wear, and lubrication) the world over. There is hardly any industry in which its impact is not felt since it encompasses an integrated approach towards friction, wear & lubrication. Some of its outcomes are the newly developed materials, advanced lubricants and additives, advanced lubrication systems, better design of components and many others. By and large all mechanical failures in plant and machinery are of this nature. Thus with proper administration of lubrication technology and lubrication management, substantial savings can accrue to our industry by way of higher plant availability & capacity utilization, reduction in operating cost through savings in energy and extended life of plant.

### **Webinar Coverage: -**

The objective of this programme is to discuss the principles of lubrication and its role in increasing the reliability of plant & machinery, various causes and remedies of lubrication failures, the correct lubrication and maintenance practices and the off-line & on-line inspection techniques to minimize premature lubrication failures, The energy conservation, lubrication audit, lubricant consumption control, and recycling & re-refining of lubricants will also be discussed.

**Speaker Profile (Brief One Para & Photograph):-** PhD (Production Engineering) from Jadavpur University, M.Tech (Chemical Engineering) from IIT Kanpur. Specialised in: Advanced Maintenance Management Systems & Techniques from Sweden; Industrial Tribology & Lubrication Management from National Tribology Centre, UK; Total Productive Maintenance from JIPM, Tokyo; Condition Monitoring Systems from IIT Madras & IRD Mechanicals, UK; Hazop/Hazan & OHSAS from University of Manchester, UK & DNV India. Have 40 years of experience in consultancy & training in various subjects of Maintenance Management including Industrial Tribology & Lubrication Management. Retired as Deputy Director General (Technical Service) from National Productivity Council of India. Presently working as consultant for industry associations, like-Alkali Manufacturers Association of India (AMAI), Federation of Indian Chamber of Commerce & Industry (FICCI), National Productivity Council (NPC), etc.



**Register to learn (Key Learnings' in bullet points):**

- Theory and mechanisms of friction and wear and its control
- Principles and practices of lubrication
- Selection of Oils & Greases and their optimum application
- Synthetic & energy efficient lubricants
- Oil condition & contamination monitoring
- Wear Debris Analysis (SOAP/Ferrography/Particle counting)
- Lubrication planning & scheduling
- Purification & conservation of lubricants
- Lubrication documentation & conduct Lubrication Audit
- Efficient storage, handling and dispensing of lubricants

**Date: - 07<sup>th</sup> July 2020**

**Time: - From 3PM To 4:30PM**

**Fees: Rs 649/-**

Thanks & Regards

Name of RD/ Group

**Important Instructions:-** As per direction, all Group Heads/ Regional Directors are requested to strictly adhere for providing their respective webinar information details for uploading on NPC website & social media platforms.