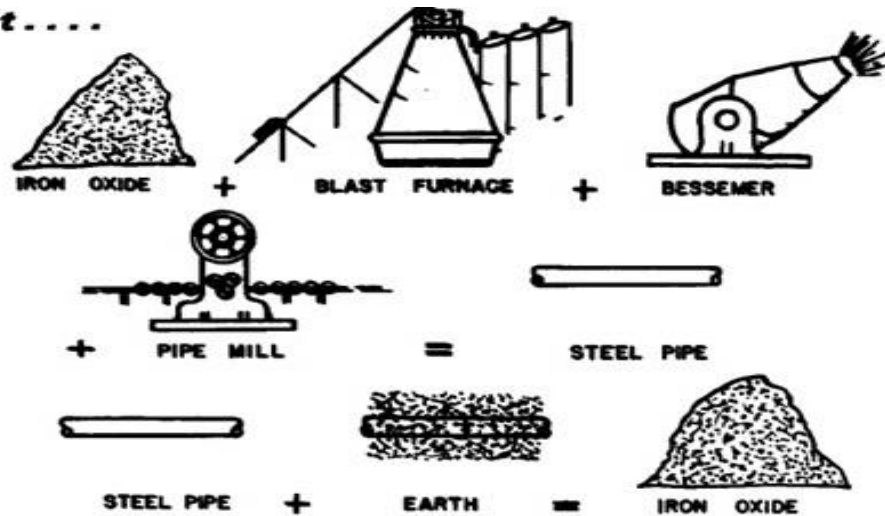


METALLURGY IN REVERSE

Dust to dust



Webinar Title: Total Corrosion Management in Industry

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

Webinar Date: 19th November 2020

| Duration: 1 Hr 15 min

Fees: Rs. 433/- (Inclusive of GST)

About Webinar (Brief One Para): - Corrosion is basically a destruction or deterioration of a material because of chemical or electrochemical reaction with its environment and occurs in all industrial installations. The direct global cost of corrosion is estimated to be US\$ 2.5 trillion, which is equivalent to 3.4 % of the global Gross Domestic Product (GDP) according to National Association of Corrosion Engineers (NACE). This cost typically does not include indirect cost such as: loss in productivity due to outages, delays, failures, individual health and safety, and environmental consequences, etc. In Indian industries, the direct cost of corrosion is about US\$ 26.1 billion and the indirect cost of corrosion is about US\$ 39.8 billion. It was also reported that an estimated savings of the order of US\$ 9.3 billion which is about 35% of direct cost of corrosion, can be achieved by adopting proper corrosion control, prevention, and management system by Indian industry.

Webinar Coverage: - The objective of this programme is to discuss the principles of Corrosion process and its economic significance, mechanisms and forms of different types of corrosion failures occurring in the industry, methodologies of corrosion prevention and control, corrosion monitoring/testing and analysis and its role in increasing the reliability and life of plant & machinery, strategies for total corrosion management in industry. Finally some important real life case studies from industry will 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; Corrosion Prevention & Control from Central Electrochemical Research Institute, Karaikudi, Industrial Tribology & Lubrication Management from National Tribology Centre, UK; Total Productive Maintenance from JIPM, Tokyo; Condition Monitoring Systems from IIT Madras & IRD Mechanalysis, 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 'Total Corrosion 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):

- **Principles of Corrosion.**
- **Economic aspects of Corrosion Management.**
- **Forms of Corrosion.**
- **Corrosion Prevention & Control Techniques.**
- **Corrosion Monitoring.**
- **Case examples of Corrosion Failures.**
- **Total Corrosion Management Strategies.**

Date: - 19th November 2020

Time: - From: 15:00 To 16:15 Hrs.

Contact us

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