

ONE DAY NATIONAL WORKSHOP

on

FAILURE ANALYSIS OF BOILER TUBES

Organized by

PHCET
PILLAI HOC COLLEGE OF
ENGINEERING & TECHNOLOGY

SFA
Mumbai Chapter



August 31, 2019

Venue:

Seminar Hall, 1st Floor

Pillai HOC College of Engineering & Technology Rasayani

The Pillai HOC College of Engineering & Technology, Rasayani in association with Society for Failure Analysis Mumbai Chapter is organizing a One Day National Workshop to address the issue of failure of Boiler tubes that is one of the most significant causes of forced outages of thermal power plants. Boiler tubes are located in different heating zones and are subjected to high temperature, pressure and corrosive conditions. Though they are designed for and should have long life but fail during service. There are a large number of causes that has to be identified for taking corrective action and preventive measures. Failure of Boiler tubes are important for plant operators, maintenance engineer, fabricators and suppliers alike. Plants have management supported BTF reduction programme but only some of them address BTF to root cause level.

Workshop Coverage:

In the light of above this one day workshop is being organized to exchange technical information to understand, identify and mitigate Boiler tube failures. The focus will be on :

- Understand and Identify Causes of Failures
- Leading Modes and Mechanisms of Boiler Tubes Failures.
- Water Chemistry Corrosion and Deposition Problem
- NDE for Determining Extent of Damage
- Root Cause Failure Analysis
- Corrective and preventive measures to minimize tube failures
- Case Studies of Boiler Tube Failures and Analysis

List of Invited Speakers :

Dr. Nagesh Kini, Principal Scientist & Head Centre of Excellence in Materials Science, Thermax Ltd., Pune
Mr. Paresh Haribhakti, MD, TCR Advanced Engineering Pvt. Ltd. Vadodara
Prof. V.S. Raja, Professor, Dept of MEMS, IIT Bombay
Dr P. K. De, Ex. Head Corrosion Division, BARC, Mumbai
Dr. G. V. Patil, Head, Mechanical Engineering Department, PHCET Rasayani
Dr. R.C. Prasad, Ex. Professor IIT Bombay, Prof., Dept. of Mech. Engg., PHCET Rasayani
Dr. A. Bhardwaj, EX. GM, IEOT, ONGC, Panvel
Dr. Shyamsunder Mandayam, GE Global Research Centre Bangalore
Dr. D. N. Manik, Professor, Department of Mechanical Engineering, IIT Bombay
Mr. B. K. Shah, Ex. Head, Quality Assurance Division, BARC Mumbai
Mr. Manohar Rao, Ex. ED, BPCL Mumbai
Mr. T.S. Kathayat, President, Welspun Corp. Ltd, Lower Parel, Mumbai

Sponsorship

The event can be sponsored by donating Rs.25,000/-. The sponsorship entitles mention on the banners, free registration for two delegates and table space for exhibiting equipments / products.

Souvenir

A souvenir will be brought out on this occasion. It will contain the abstracts of the papers and advertisements. The tariff for advertisements in the souvenir is as below:

Back Cover	Rs.10000/-
Inside Cover Pages	Rs.7500/-
Full Page	Rs.5000/-
Half Page	Rs.3000/-

Important Dates

Deadline for abstract	August 12, 2019
Deadline for full paper	August 19, 2019
Deadline for presentation PPT	August 26, 2019

Participation:

Person desirous of participating in the workshop are requested to fill in the accompanying attached form and send the same to the Convener:

Address for Correspondence :

Dr. R.C. Prasad
Convener & Vice Chairman SFA Mumbai Chapter
Ex. Professor IIT Bombay
Professor, Department of Mechanical Engineering PHCET Rasayani
Via Panvel, Rasayani, Taluka - Khalapur, Dist. Raigad-410207
Phone :- (02192)-252005 / 250066 Mobile :- 09869236812 / 8433883165
Email :- rsspapa@gmail.com / rcprasad@mes.ac.in
Web :- www.sfa.mes.ac.in

REGISTRATION FORM

ONE DAY NATIONAL WORKSHOP

on

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August 31, 2019

NAME _____

DESIGNATION : _____

ORGANISATION : _____

MAILING ADDRESS : _____

MOBILE: _____ EMAIL: _____

Registration Charges

Category	Rs.
Student participant	200
Faculty & SFA, IIF, ASM Members	1500
Participants from Industries	2500

Registration Charges Include: Tea, Lunch & Participation Certificate

Payment towards participation in Cash / DD / Cheque No. _____ drawn in favor of 'Pillai Consultancy & Research Projects' payable at Mumbai.

RTGS / NEFT / IFSC Code Details:

Name of the Account Holder: Pillai Consultancy & Research Projects
Name of the bank: ANDHRA BANK
Branch: NEW PANVEL
Account No. 165110100019962
RTGS / NEFT / IFSC Code: ANDB0001651
PAN No. AAA TM 5536 H
GST No.: 27AAATM5536H1Z1

Date:

Signature of the applicant

(PHOTOCOPY ADDITIONAL COPIES OF THIS FORM, IF NEEDED)