

# Educational Virtual Training Program PIPELINE CASE STUDIES

25<sup>th</sup> June – 26<sup>th</sup> June 2021

NACE International Gateway India Section is organizing the On-line Educational Training Program on "Pipeline Case Studies" scheduled from 25 June (Friday) & 26 June (Saturday) 2021.

## INTRODUCTION

Pipeline are the most efficient, safe and economic mode of transport for Oil & Gas, Hydrocarbons and Water. Rightly considered as lifeline of modern industrial infrastructure, steel pipeline and vulnerable to atmospheric corrosion above ground and electrolytic corrosion in underground / marine environments. Pipeline Corrosion can result in colossal losses and create safety hazards for people, assets and environment. The Pipeline Case Studies program is a part of the overall management system that develops corrosion awareness, corrosion protection and provides an excellent avenue for practitioners, designer, technical and maintenance engineer, predicting and preventing failures due to corrosion, enhance product quality, enhance plant safety etc. Participants will learn about the corrosion impact and along with main issues of pipeline corrosion and interactive sessions provide opportunity to clear doubts and also learn from other's experience.

## TOPICS

In order to achieve the stated objectives, the sessions will focus on the following:

- AC / DC interference on Cross Country Pipeline
- CIPL / DCVG / CAT Survey on Pipeline.
- Case Study of Shorting of Cased Crossings in Buried Pipelines.
- Causes, Detection, Impact on Carrier Pipeline & Mitigation
- Case Study on Coating Failure in Hydrocarbon Pipeline
- Possible Reasons for Permanent Cu/CuSo4 Half-Cell Failure in ICCP System and Preventive Steps
- How to Manage Common ROU Pipeline CP Interference - Theoretical Case Study.
- Offshore Non-piggable loading SPM line inspected Non-intrusively
- Piggable line, Severe Internal Corrosion found with ILI, ICDA used after for RCA
- New Trunk Line- faults found by XLI CP & Coating Surveys
- Non-piggable, without CP lines, inspected for all threats
- City Gas Non-piggable Pipeline Inspected 360 Degrees
- Cross Country Pipeline CP system - A Case Study form Design Concept to Commissioning
- Station / Plant CP System: A Case Study form Design Concept to Commissioning

## FACULTY

The faculty includes professional experts from pipeline industries (Public sector organizations & other institutions).

## CLASS TIMING

08:45 hrs – 14:00 hrs

## REGISTRATION

Enrolment is accepted on first come first served basis, as seats are limited.

## WHO SHOULD ATTEND

Executives of all levels from Production, Pipeline Operation, Maintenance, Service Providers, Coatings, Engaged in planning, Contractors, Mechanical, Electrical, Civil, Chemistry, Project Engineers, Quality Assurance, Quality Control Personnel, Responsible for Internal / External corrosion control, Cathodic Protection Systems, Integrity program / implementation, Marketing representative, Architectural Engineers, and others relevant disciplines Pipeline, Refinery from Oil and Gas Industry, etc. It is designed to give the participants a path for continued professional development that can open the doors to more job opportunities in the industry.

## PARTICIPATION CERTIFICATION WILL BE ISSUED AFTER THE PROGRAM.

(This training helps in Professional development Hour (PDH) requirement in the renewal of your certifications)

**Mr. N Manohar Rao,**

**Trustee-NIGIS & Program Coordinator**

Former Executive Director, Bharat Petroleum Corporation Ltd  
Email: [manoharrao1374@gmail.com](mailto:manoharrao1374@gmail.com). Cell: +91 9820039527

## FOR REGISTRATION

**Mr. Manoj Mishra, Manager Administration**

Email: [manoj@naceindia.org](mailto:manoj@naceindia.org) / Cell : +91 9820631320

**NACE International Gateway India Section**

305-A, Galleria, Hiranandani Gardens, Powai, Mumbai-400076, INDIA

Tel: +91-22-25797354 Email: [info@naceindia.org](mailto:info@naceindia.org)

Website: [www.naceindia.org](http://www.naceindia.org) Conference : [www.corcon.org](http://www.corcon.org)

## REGISTRATION FEES DETAIL

**INR. 5,000 + 18 % GST = INR. 5,900 per delegate**

**10% discount** for NACE member and also applicable for 4 participants or more from same organization.

\*Advance payment through online mode is mandatory for registration confirmation.

## Account Details

Beneficiary Account: **NACE International India Section**

Bank Name: **Punjab National Bank**

Current Account No: **06321131002218**

Name of the Branch: **Powai, Mumbai**

Branch Code: **063210**

RTGS/NEFT/ IFSC: **PUNB063210**

MICR No.: **400024128**

Swift Code: **PUNBINBBSB**

GST No.: **27AAATN2275L1ZA**

PAN No.: **AAATN2275L**

## REGISTRATION FORM

NIGIS EDUCATIONAL ONLINE TRAINING PROGRAMME ON

### Pipeline Case Studies

25 June & 26 June 2021

Name : \_\_\_\_\_

Designation : \_\_\_\_\_ Email id : \_\_\_\_\_

Tel : \_\_\_\_\_ Mobile no.: \_\_\_\_\_

*For Invoice / Receipt of payment, please fill up the following information*

Organisation / Company : \_\_\_\_\_  
(Under which invoice will be issued)

Address : \_\_\_\_\_

\_\_\_\_\_ Pin Code: \_\_\_\_\_

City : \_\_\_\_\_ State : \_\_\_\_\_ Country : \_\_\_\_\_

GST No. \_\_\_\_\_ PAN No : \_\_\_\_\_

Email id: \_\_\_\_\_ Tel : \_\_\_\_\_  
(Concerned officer)

BANK DETAILS		REGISTRATION
Beneficiary Account Name	NACE INTERNATIONAL INDIA SECTION	INR 5000 + 18% GST (INR 900) = INR 5900 per delegate
Bank Name	Punjab National Bank	
Current Account Number	06321131002218	10% discount to NACE International member.
Account Branch	Powai, Mumbai, India	UTR No.
Branch Code	063210	Enrolment is accepted on a first come first serve basis, as seats are limited.  Advance payment through online mode is mandatory for registration confirmation.
RTGS/NEFT/ IFSC	PUNB0063210	
MICR	400024128	
PAN Number	AAATN2275L	
GSTIN	27AAATN2275L1ZA	
Swift Code	PUNBINBBISB	

### CORRESPONDENCE

#### NACE International Gateway India Section

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