

# 4 Day Certification Course on Paint Coating Inspection & Quality Control



## Dates

**July 4 - 6, 2018 (Level 1)**

**July 7, 2018 (Level 2)**



## Venue

**IIT Bombay, Powai, Mumbai- 76**  
**Tel: 022 21661249/25767891/4606,**  
**Mobile No.**  
**8655365058 / 09833397685**



## Course faculty

**Prof. A.S.Khanna - IIT Bombay**  
**Dr. Karan Thanawala - IIT Bombay**  
**Mr. Santosh Kumar – OCS**  
**Dr. Ravindra G. Puri**  
*UICT, NMU, Jalgaon*



## **The Society for Surface Protective Coatings, India**

UG 26, Dreams The Malls, LBS Marg, Bhandup (W), Mumbai-400078

Tel: 022-21661249/2576 7891/25764606

Mobile No. 8655365058 / 9833397685

EMAIL: [sspcindia1@gmail.com](mailto:sspcindia1@gmail.com), Website: [www.sspcindia.org](http://www.sspcindia.org)

## SCOPE

With thousands of paint formulations, available from various manufacturers, and a lots of new sophisticated Techniques of paints application and surface preparation, paint coating has become a science and art, and every

Person, whether he is a user, supervisor, applicator, supplier or manufacturer needs a proper knowledge in order to get maximum life out of a particular paint formation. Further, paint testing has become necessary both at the pre-qualification stage, during the application and even after the paint has been applied for periodic assessment of its life. Since a large number of paint suppliers, users, supervisors do not have a formal education on paint coatings, education and training through these courses has become necessary to take best out of paint coating.

### What information you require?

#### Theoretical Knowledge

##### Level 1 Course

1. Fundamental knowledge of Corrosion
2. Basic of paint coatings and chemistry of various kinds of paints, resins, and formulations, their relation to corrosion protection.
3. Conventional and advanced coating systems.
4. Surface preparation methods with latest standards and specification.
5. Paint Application techniques and best application practice mantras.
6. Reasons for Paint Failure and its Mechanism.
7. Paint repair and rehabilitation – maintenance Coatings.
8. How to write paint specifications.
9. Safety aspects in paint coating application.

##### Level 2 Course

1. Integrity Management & Coatings for Underground Pipelines
2. Coatings for concrete structures
3. Corrosion Problems in Chemical Industries
4. Coatings for Offshore structures, refineries & Chemical Plants

#### Practical Training

1. **Surface preparation** – Each participant will be asked to carry out surface preparation using blast cleaning Method, asses its cleanliness as per NACE/SSPC/Swedish Standards and also measure its surface profile.
2. **Paint Application** - Various methods of paint application ranging from brush, roller, air-spray, and airless spray will be demonstrated and each applicant will be asked to prepare his own sample.

## Paint testing – Divided into following three categories:

1. Paint Characterization - % Volume solid, total non volatile component, density, viscosity, drying time, surface coverage, paint wastage calculations etc.
2. Mechanical Testing – Adhesion, Pull off Strength, impact, abrasion, scratch, flexibility, hardness test etc.
3. Chemical Resistance – Salt spray, humidity, weathering and immersion tests.
4. Miscellaneous Test – Cathodic Disbondment, moisture/water permeability, high and low temperature resistance.

## WHO SHOULD ATTEND

This programme is designed for persons interested in broadening their theoretical and practical knowledge about Coating and Linings, including Manufacturers, Plant Maintenance personnel, Engineers, applicators, Contractors, Architects and sales & marketing personnel's.

## WHAT YOU WILL TAKE HOME

Lecture notes in bound volume, list of recommended practices for coating and linings, literature for various coatings and list of important books and technical papers on coatings. Information on the available coating from some manufactures in the country and abroad.

## COURSE FEE

**Rs. 23,000/+. 18% GST for Level 1**

**Rs. 26,000/+. 18% GST for Level 1 & 2**

## REGISTRATION

Please send the duly filled registration form at the earliest to the undersigned along with the **Cheque /Draft in favor of "SSPC India"**. There are limited seats (50) and would be allotted on the first come first basis. We would appreciate if the registration be confirmed before 30<sup>th</sup> January, 2017.

# Registration Form

*Certification Course on Paint Coatings Inspection & Quality Control*

**July 4 – 7, 2018 (Level -1&2)**

**SSPC Office**

**26 - Upper Ground Floor, Dreams The Mall, LBS Marg, Bhandup – 400078**

**Tel: 022- 21661249, 2576 7891, 25764606**

**Mobile No. 09833397685 / 8655365058**

Name: Affiliation:.....

Company Name:.....

Full Address:.....

.....

Phone: office / home:..... Cell:.....

Email Id:.....

- Registration Fee – Rs. 27,140/. (Rs. 23,000/- + 18% G.S. T.).....Level-1**
- Registration Fee – Rs. 30,680/. (Rs. 26,000/- + 18% G.S. T.).....Level- 1&2**

The cheque/DD of Rs. .... in favour of **SSPC India** is enclosed.

The amount of **Rs.....** .....is transfer to your following bank account.

Name of Account : The Society for Surface Protective Coating – India (SSPC India)  
Bank Name : Canara Bank  
Account No. : 2724101087082  
Account Types : Saving Account  
Bank Address : IIT Powai Branch, IIT Powai, Mumbai- 400076,  
IFSC Code : CNRB0002724  
Swift Code : CNRBINBBIT  
MICR Code : 400015129

Signature of Participants

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**Please note:**

We would prefer registration on or before .