



Trinidad Inspection Services Ltd.

Cor. Pacific Avenue and Caribbean Drive
Point Lisas Industrial Estate, Point Lisas, Trinidad
Telephone: (868) 679-1573 / 636-3201 Fax (868) 636-6175
Web: www.tistt.com e-mail: tis@tistt.com



NACE COATING INSPECTOR PROGRAM LEVEL 1

September 10-15, 2017

TISL Course Code 17-M009

About CIP Level 1

CIP Level 1 is a six-day course that offers instruction on the technical and practical fundamentals of coating inspection work for structural steel projects. This course provides students with knowledge of coating materials and techniques for surface preparation and application that prepares the student to perform basic coating inspections using non-destructive techniques and inspection instrumentation.

Classroom instruction is comprised of lectures, discussions, group exercises and hands-on practical labs that teach the student how to perform basic inspection tests.

Benefits

- Learn "how to" information that can be applied immediately to your job
- Intensive and personalized training
- Gain the knowledge and personal experience of the industry experts who developed and teach the program
- Enhance your opportunities and performance in a corporate setting or as an independent contractor
- Network with colleagues in your industry

- Learn how to effectively work with all levels of management in a non-competitive setting.

Who Should Attend

This session is designed for **Coating Inspector Trainees** but will also provide Project Engineers, Quality Assurance Managers, Contractors, Painters, Technical Sales Representatives, Blasters, Paint Applicators, Maintenance Personnel, and other interested persons with a basic understanding of coatings application and inspection. There are no prerequisites to attend this class.

Fees:

Member \$16,200.00TT + Vat
Non-Member \$17,921.25 TT +Vat

Fees are subject to 12.5 % Vat.

Registration deadline: July 21st, 2017

Venue, Dates and Times

Venue: - Trinidad Inspection Services Ltd.
Training Facility, 223 Union Road,
Marabella, Trinidad

Days & Times: - Sunday - Friday

Sunday -Thursday: - 8.00am-6.00pm
Friday: - 8.00am-3.30pm



Course Materials

CIP Level 1 Online Course Manual
CIP1 Student Manual

Course Highlights

- Use of protective coatings to control corrosion
- Corrosion fundamentals such as properties of a coating, coating classification, and modes of protection
- Coating types and curing mechanisms
- Coating specifications including service environments and coating life cycle
- Surface preparation equipment, methods and standards for abrasive blasting, solvent cleaning and power and manual tool cleaning
- Coating application by brush, roller, mitt, and conventional and airless spray
- Role and responsibilities of the inspector including safety, ethics, and conflict prevention and decision making
- Inspection procedures and quality control
- Purpose and content of a pre-job conference
- Test instruments for measurement of environmental or ambient conditions
- Non-destructive test instruments
- Testing for non-visible contaminants
- Quality control issues, recognizing design and fabrication defects and coating failure modes

- Material safety data sheets (MSDS) and product technical data sheets
- Purpose and content of log book and report documentation

Level I Practical Content

Field lab

NACE CIP Level I includes a full-day lab at a facility that allows students to participate in a coatings project from start to finish. Participants should bring work clothes and sturdy work shoes to wear to the practice lab, which includes the following activities:

Pre-job conference
MSDS and product data sheet review
Logbook documentation
Measurement of ambient conditions
Surface preparation by solvent cleaning, power tool cleaning, and abrasive blasting
Paint application
Testing and inspection with nondestructive instruments

An additional field lab in the classroom will familiarize students with instruments and equipment and focus on instrument calibration, environmental testing, and the proper use of visual standards.

Team exercises

Students work in teams at the field lab and on a variety of in-class problem-solving exercises. A sub-arctic survival exercise opens up discussions about how to deal with difficult problems and



balance group interests, and how these skills translate to the inspection job site.

Case studies

Case studies are included in Level I to help the inspector-in-training apply course concepts, avoid potential problems, and make sound judgments in the field. Cases focus on ethics, the relationship between contractors and inspectors, inspector experience and capabilities, specification enforcement, and how to balance job team recommendations and input.

Course Format

Multiple qualified instructors will present the material. Students can expect a structured approach with 2- 15 minute breaks and a 1 hour break for lunch on Days 1-5. Day 6 will be an exam day.

Accreditation

NACE is recognized as an Authorized Provider of Continuing Education Units by the International Association for Continuing Education and Training (IACET).

Successful Completion of Training

A **Certificate of Completion/ Participation** and CEUs, will be awarded by meeting the following requirements: -

- Attendance for the full week
- **Passing the logbook with 70% or**

greater (students will be able to keep logbook)

- Scoring 70% or higher on the practical examination.

These above learning assessments are completed in the classroom.

Certification Examination

This examination is now offered via CBT (Computer Based Testing) format through Pearson Vue and will no longer be done in class at end of the week.

All enrolled students would be sent a communication via e-mail from NACE authorizing them to proceed in scheduling their Written examination.

After successful completion of All requirements including this examination, the candidate will be awarded a **NACE Coating Inspector Level 1** and will receive a certification letter along with their wallet card from the NACE Institute.

Back to Back CIP Courses

Students are able to take CIP Level 1 and CIP Level 2 courses back-to back, if scheduled. In order to move to Level 2, students must successfully complete the Level 1 training course. Only students who are attending the second week will be assessed by the Lecturer at the end of Level 1 class for eligibility for entry into Level 2 class.

Certification at Level 1 is NOT required to move to the Level 2 training course.



Trinidad Inspection Services Ltd.

Web: www.tistt.com E-Mail: tis@tistt.com



Administrative Information

TRINIDAD INSPECTION SERVICES RESERVES THE RIGHT TO CANCEL THIS COURSE IF MINIMUM ENROLMENT IS NOT OBTAINED

Registration Information

All requests for cancellation must be submitted in writing.

Attendance at courses is limited. Please register early as courses may fill up quickly. Advance registration accompanied by fee payment in full is required to guarantee your reservation. Payment may be made by Cash, Certified cheque. **Payment in full is due at the time of registration.**

TISL regrets that it cannot be responsible for any loss or damages incurred as a result of cancellation of a course by TISL for any reason. This includes, but is not limited to, airfare penalties. Prices for courses and products are subject to change without advance notice.

Cancellation and Refund Policy

Invoiced, paid or guaranteed registrations cancelled in writing before the registration deadline date will receive a full refund, less a \$680 TT service fee.

Invoiced, paid or guaranteed registrations cancelled in writing up to 7 days before an event will receive a refund of 50% of the registration fee.

There will be no refunds or credit on cancellation requests received less than 7 days before an event begins.

All requests for cancellation must be submitted in writing.

IF TISL CANCELS A COURSE, AT LEAST FIVE (5) DAYS NOTICE WILL BE GIVEN AND A FULL REFUND WILL BE ISSUED.



REGISTRATION FORM NACE COATING INSPECTOR PROGRAM LEVEL I

September 10-15, 2017

TISL Course Code 17-M009

This form is to be filled out and returned to: **Trinidad Inspection Services Ltd, Cor. Pacific Avenue and Caribbean Drive, Point Lisas Industrial Estate, Point Lisas, Trinidad.**

COMPANY'S NAME & ADDRESS: -

.....
.....

CONTACT PERSON: -.....SUBMISSION DATE:-

PHONE..... FAX.....E-MAIL.....

ATTENDEES: -

NAME	JOB TITLE/ DESCRIPTION	E-mail Address	Phone Contact	NACE Member Number	Course Fee
1.					
2.					
3.					
4.					
5.					
6.					
				Sub-Total	
				VAT 12.5%	
				TOTAL TTD	

- **Registration deadline: July 21st, 2017**
- COURSES SHALL BE CONDUCTED AT TRINIDAD INSPECTION SERVICES TRAINING FACILITY AT 223 UNION RD., MARABELLA, TRINIDAD AND SHALL RUN FROM Sunday -Thursday 8am- 6pm and Friday 8am- 3.30pm UNLESS OTHERWISE INDICATED.
- LUNCH AND REFRESHMENTS WILL BE PROVIDED.
- COPIES OF THIS FORM CAN BE USED IF YOUR NUMBERS EXCEED SPACES PROVIDED.

Authorised by: - _____ **PLACE COMPANY STAMP**