



The Institute for Oil and Gas Sector™



Course Brochure

The Institute for Oil and Gas Sector, abbreviated to IOGS, offers specialized Oil and Gas Training Courses to gain specific professional skills and knowledge that will make you stand out to potential employers in this booming sector.

COURSE CATEGORIES

THERMAL
INSULATION

PASSIVE
FIREPROOFING

PROTECTIVE
COATING

INSTITUTE ADDRESS

Opposite Naya Tola Masjid, AllMS Main Road, Phulwari Sharif, Patna 801505

Website: www.iogs.org | Email: enquiries@iogs.org | Tel: 73 690 42 996/997/998



Coating Inspector Level 3



COURSE DETAILS

The Coating Inspector — IOGS/CCI Level 3 course is designed to expand your knowledge and prepare you for the next level in the coating inspection and quality control field. Among other things, you learn protective coating inspection and quality control as a major covered topic.

This 5-day classroom-based course comes with a written and oral examination. Once you clear the exam, which comes up on the fifth day of the course, you become a certified IOGS/CCI Level 3 Coating Inspector.

The course holds at a set place, date, and time. Enroll now and join other students under the tutelage of a vast and knowledgeable IOGS-appointed tutor and invigilator who instills knowledge in a simple, yet understanding manner.

WHO SHOULD PARTICIPATE

The Course is Suitable for:

- QA/QC INSPECTORS
- SUPERVISORS
- ENGINEERS
- MANAGERS
- TPI'S

CLASS TIMING

09:00 AM - 05:00 PM

COURSE SCHEDULES: 19 - 23 Jul 2021 @Patna | 01- 05 Sep 2021 @Chennai | 15 - 19 Dec 2021 @Patna

MAJOR COVERED TOPICS

- Introduction to the protective coating or painting
- Corrosion and control methods
- Corrosive environments classification
- Substrates that require coating
- Rust and blast cleaning grades
- Surface contaminants
- Environmental testing requirements
- Surface preparation methods and equipment used
- Metallic and non-metallic abrasives
- Surface profile or anchor pattern
- Coating components and mixing
- Essential coating properties and curing mechanisms
- Storage requirements
- Various types of coating and their compositions
- Coating application methods
- Importance of wet and dried film thickness
- Single and multi-layer coating systems
- The function of primer, intermediate, and topcoat
- Coating defects, cause, and their remedies
- Project coating specification and ITP
- Drawings and specification review
- Coating inspection & quality control/assurance
- Inspector's duties and responsibilities
- Inspection instruments and their use
- Visual inspection and common defects encountered
- Practical assessment
- Project documentation, reporting, and record-keeping
- Health and safety considerations

HOW TO ENROLL

Enroll online at www.iogs.org, or fill out the course application form provided with the brochure and return it through email

FOR COURSE ENROLLMENT

Send Email to training@iogs.org

FOR ENQUIRY OR MORE DETAILS

Send Email to enquiries@iogs.org

COURSE AND EXAM FEE

INR 57,200 +18% GST = 67,496/-
or USD 925/-

- 10% discount is applicable for group registrations (i.e. 3 participants or more).
- 10% discount is applicable for students who are holding an IOGS Level 2 or diploma qualification.



Insulation Inspector Level 3

COURSE DETAILS

The Insulation Inspector IOGS/CII Level 3 course is designed to expand your knowledge and prepare you for the next level in the insulation inspection and quality control field. The course extensively covers the rudiments of thermal insulation inspection and quality control.

The duration of the course is 4-days and upon the course completion which is on the fourth day of the course, students will take a written and oral examination. Successful candidates will be awarded the IOGS/CII Level 3 Insulation Inspector certification.

The course holds at a set place, date, and time and is handled by an IOGS appointed tutor and invigilator, with a track record of instilling knowledge using a practical and friendly approach.

WHO SHOULD PARTICIPATE

The Course is Suitable for:

- QA/QC INSPECTORS
- SUPERVISORS
- ENGINEERS
- MANAGERS
- TPI'S

CLASS TIMING

09:00 AM - 05:00 PM

COURSE SCHEDULES: 22 - 25 Mar 2021 @Patna | 18- 21 Jun 2021 @Chennai | 23 - 26 Aug 2021 @Patna

MAJOR COVERED TOPICS

- Purpose of insulating pipe and vessels
- Insulation materials and their categories
- Insulation terms, physical forms, and accessories
- Vapor barriers and vapor stops
- Protective Jacketings, finishes, and coatings used
- Single and multi-layer insulation systems
- Hot, PP, and acoustic insulation systems
- Anti-sweat, cold, and cryogenic insulation systems
- Thermal insulation coatings
- Insulation System Designing (basic)
- Anti-corrosion coating systems used under insulation
- Anti-corrosion coating systems used under insulation
- Coating inspection and common defects
- CUI overview and prevention strategies
- Chloride Stress Corrosion Cracking (ESCC)
- Non-destructive inspection techniques for the CUI Detection
- Risk-based inspection to avoid the need for insulation
- Area's of concern to reduce heat loss/gain
- Use of expansion and contraction joints and springs
- Applicable insulation codes, standards, and manuals
- Insulation inspector duties & responsibilities
- Project insulation specification and ITP
- Drawings and specification review
- Insulation inspection & quality control/assurance
- Inspection instruments and their use
- Visual inspection and common defects encountered
- Thickness measurement using PI tape
- Hardness, adhesion, and density tests Ratio and cup shot test
- Health and safety considerations
- Practical identification
- Project documentation and reporting requirements

FOR COURSE ENROLLMENT

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COURSE AND EXAM FEE

INR 49,000 +18% GST = 57,820/-
or USD 795/-

- 10% discount is applicable for group registrations (i.e. 3 participants or more).
- 10% discount is applicable for students who are holding an IOGS Level 2 or diploma qualification.



Fireproofing Inspector Level 3

COURSE DETAILS

The Fireproofing Inspector IOGS/CFI Level 3 course is designed to expand your knowledge and prepare you for the next level in the passive fireproofing inspection and quality control field. Among other things, you learn intumescent and cementitious fireproofing inspection and quality control as a major covered topic.

This 2-day classroom-based course comes with a written and oral examination. Once you clear the exam, which comes up on the 2nd-day of the course, you become a certified IOGS/CFI Level 3 Fireproofing Inspector.

The course holds at a set place, date, and time. Enroll now and join other students under the tutelage of a vast and knowledgeable IOGS-appointed tutor and invigilator who instills knowledge in a simple, yet understanding manner.

WHO SHOULD PARTICIPATE

The Course is Suitable for:

- QA/QC INSPECTORS
- SUPERVISORS
- ENGINEERS
- MANAGERS
- TPI'S

CLASS TIMING

09:00 AM - 05:00 PM

COURSE SCHEDULES: 26 - 27 Mar 2021 @Patna | 22 - 23 Jun 2021 @Chennai | 27 - 28 Aug 2021 @Patna

MAJOR COVERED TOPICS

- PFP introduction Active and passive fire protection
- Steel limiting temperature and Hp/A
- Fire classifications and types
- Initial surface conditions of the steel
- Corrosion and control methods
- Environmental condition measurement
- Surface cleanliness and roughness
- Measurement of surface profile
- Bend and twist test
- Bond strength test
- Specifications and ITP
- Dried film thickness measurement
- Thin and thick film intumescent
- Light and heavyweight cementitious fireproofing
- Use of Gypsum boards and blanket based fireproofing
- Corrosion under fireproofing - CUF
- Helical and straight pinning
- Metallic and non-metallic meshing
- Ratio and slump tests
- Application requirements
- Most common applicable standards
- Duties and responsibilities of a PFP inspector
- WFT and DFT measurement
- Frequency of thickness measurement
- Visual inspection and acceptance criteria
- Common defects - painting and fireproofing
- Repairing methods
- Bond strength test
- Top coating requirements
- Quality assurance and control
- Health and safety requirements
- Project documentation
- Reporting and recordkeeping

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COURSE AND EXAM FEE

INR 36,700 +18% GST = 43,306/-
or USD 590/-

- 10% discount is applicable for group registrations (i.e. 3 participants or more).
- 10% discount is applicable for students who are holding an IOGS Level 2 or diploma qualification.