



The Institute for Oil & Gas Sector

ENCOURAGING THE FUTURE IN OIL & GAS

Web: www.iogs.org

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Brochure — Online Courses

QUALITY CONTROL COURSES



INSULATION INSPECTOR

Code: IOGS/CII



FIREPROOFING INSPECTOR

Code: IOGS/CFI



COATING INSPECTOR

Code: IOGS/CCI

- The learning mode of all these courses is both online and in a classroom. IOGS offers two levels (i.e. 2 and 3) in each of these courses.

- IOGS Level 2 courses are designed to learn from anywhere, and at anytime with any internet-enabled device.
- Level 3 courses are held in different parts of the world on a set date and location. The tutor appointed by the IOGS leads the class.

INSULATION INSPECTOR

IOGS/CII Level 2 — Online Course & Exam

Course Overview

The insulation inspector IOGS/CII Level 2 online course allow you to make progress and move forward in a time frame that works best for you. With a web browser, dedication, and some free time, you're on a journey to vastly improve your skills and knowledge for continual professional development and advancement of your career.

For your convenience, relevant course materials, interactive tests, videos, and the like are available online through the IOGS Learning Management System (LMS) You can access the LMS via a web browser on your computer, laptop, smartphone, or tablet. So if you are unable to attend a traditional classroom-based course, you should consider this course as a suitable alternative.

Learning objectives

Upon completion of the IOGS/CII Level 2 online course you will be able to:

- Understand the various type of thermal insulation and protective jacketing materials, their properties and use
- Gain knowledge on the application requirements of a specific insulation system
- Apply inspection skills when inspecting an insulation system installed on piping, vessels, and tanks
- Inspect and identify associated problems before, during and after the insulation installation
- Understand how does CUI occur
- Know the required inspection instruments and their use
- List the applicable standards and manuals associated with the insulation

Topics covered include

- Purpose of thermal insulation
- The mediums of heat transfer
- Insulation materials physical forms
- Properties and characteristics
- System and coding
- Insulation accessories
- Fastening materials
- Metallic Protective jacketing's
- Non-metallic protective jacketing's
- Expansion and contraction joints
- Vapor barrier/stop, and joint sealant
- Insulation and accessories storage
- Installation of a thermal insulation system
- Corrosion under insulation
- Inspector duties and responsibilities
- Specification and ITP
- Applicable standards and manuals
- Inspection and quality control
- Reporting and record-keeping
- Health and safety
- Improper work examples
- Inspection instruments and their use

Who should enroll

The course is suitable for people already working in the industry (Supervisors, managers, engineers, QA/QC inspectors, etc.) or for those who look forward to grabbing the opportunity to work in the thermal insulation inspection and quality control work field.

The course is also a suitable alternative for people who cannot keep up with the requirements of a traditional classroom-based course and exam.

Course duration

30 days Learning through IOGS Learning Management System (LMS)

Course and exam fee

USD 395/-

Learning Mode

Online (Course and Exam)

ABOUT THIS COURSE

Are you Leaving or Working in Nigeria?

Contact **Multinational Technologies** for the IOGS courses in Nigeria for your continual development and career advancement.

Email: nigeria@iogs.org

Contact Zishan for a Query:

Email: zshn@iogs.org

[**Click here to Enroll**](#)



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BENEFITS OF ONLINE LEARNING



NEW SKILLS DEVELOPMENT

You don't have to travel somewhere to build new skills and gain new knowledge.

"You can enhance your skills and continue your professional development from anywhere"



CAREER ADVANCEMENT

Wherever you're at on your career path, online learning can help you progress in the right direction.

"Think of it as your career compass"



FLEXIBLE LEARNING

Going away from home or work may not be suitable for many people.

"Online courses are flexible and can fit around your lifestyle and preferences"



LOWER COST

The courses provided online are way cheaper than the courses available offline.

"You can save hundreds of dollars (money) to get your desired skills/qualifications when you choose learning online"

FIREPROOFING INSPECTOR

IOGS/CFI Level 2 — Online Course & Exam

Course Overview

Would you like to acquire new skills and knowledge or looking to work in the field of passive fire protection work field? Our Level 2 Passive Fireproofing Inspector online course is designed to help you learn the inspection and quality control of cement-based and intumescent fire protection systems used to prevent the spread of hydrocarbons and jet fires and protect the steel from premature collapse.

All you need to start learning is your device's web browser to access our LMS, some free time and dedication, and you're on a journey to gain new skills and knowledge for your personal and professional development.

Learning objectives

Upon completion of the IOGS/CFI Level 2 online course students will be able to:

- Understand the differences between intumescent and cementitious fireproofing systems and how they work
- Gain knowledge on the surface preparation and fireproofing application requirements
- Apply inspection skills and identify problems while carrying out inspection and quality control tasks
- Know applicable inspection instruments and their proper use
- List the inspection tasks to be performed before, during and after the fireproofing
- Know the applicable fireproofing standards associated with hydrocarbon, jet and cellulosic fire

Topics covered include

- Fireproofing introduction
- Fire classification and types
- Certification bodies
- Storage and handling
- Cementitious fireproofing materials
- Intumescent fireproofing materials
- Surface preparation and priming
- Pining and reinforcement requirements
- Mixing and application
- Necessary documents and standards
- Inspector duties and responsibilities
- Inspection and quality control requirements
- Inspection instruments and their use
- Structural steel members
- Health and safety

Who should enroll

This online course is best suited for those who want to gain knowledge of passive fireproofing inspection and quality control and/or want to work in the field of passive fireproofing.

The course is also a suitable alternative for those already working in the industry, including QA/QA inspectors, supervisors, managers, engineers, and applicators, who cannot keep up with the requirements of a traditional classroom course and exam.

Course duration

30 days Learning via IOGS Learning Management System (LMS)

Course and exam fee

USD 395/-

Learning Mode

Online (Course and Exam)



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WHY IOGS

The Institute for Oil and Gas Sector (IOGS) prides itself as one of the most reliable and industry foremost oil and gas sector educational institutions. Over the years, we have designed and delivered comprehensive, standardized, quality-assured, and results-oriented training and certification courses to educate the youth population and the industry professionals in different work aspects of the oil and gas, refinery, and petrochemical industry.

We at IOGS endeavor to enhance and expand the available knowledge within the industry. Our online learning and real-time simulated practice make us the best option for your studies. It's about learning, thinking and innovating, that's why we are committed to developing effective training and certification courses, which can lead to game-changing solutions for you, your company, and the oil & gas industry as a whole.

At IOGS, we believe that everyone deserves an equal chance at knowledge and experience acquisition. Hence our training courses are suitable for every level of knowledge or experience. Irrespective of your area of specialization, we have what it takes to move you to the next level, career-wise.

Start learning with us today to achieve amazing results at minimum costs and maximum convenience. We are here to give you the required knowledge for a thriving and progressive career in the oil and gas, petrochemical, or refinery industries.



COATING INSPECTOR

IOGS/CCI Level 2 — Online Course & Exam

Course Overview

One of the best ways to minimize corrosion is to limit the metal's exposure to the corrosive environment, which is accomplished by applying a protective coating. This online course teaches the concept of corrosion protection by protective coating, types of coating, surface preparation, application, inspection, and quality control requirements at different stages of coating work, among others.

All you need is to access our LMS via a web browser, whether it's on your tablet, smartphone, laptop, or computer. All course materials, interactive quizzes, videos, and the likes will be available on the LMS to study. So if you're having difficulties sitting down for traditional classroom learning, this course is a great alternative.

Learning objectives

Upon completion of the IOGS/CCI Level 2 online course students will be able to:

- Gain knowledge of various types of coating used to control the corrosion
- Know the surface preparation and application requirements
- Understand the various type of rust and blast cleaning grades
- Identify various types of coating defects, and their remedies
- List the inspection tasks to be performed before, during and after the coating
- Know the various types of inspection instruments and the referenced standards for the proper use

Topics covered include

- Introduction to coating
- Corrosion
- Rust and blast cleaning grades
- Inspectors role
- Coating types
- System and coding
- Curing mechanism
- Necessary documents
- Surface preparation
- Environmental test and requirements
- Coating components and mixing
- Application by brush and roller
- Application by spray
- Applicable standards
- Inspector duties and responsibilities
- Specification and ITP
- Inspection and quality control
- Inspection instruments and their use
- Reporting and record-keeping
- Health and safety

Who should enroll

This online course is ideal for QA/QC inspectors, supervisors, managers, and engineers specializing in insulation, passive fireproofing, protective coating/painting, welding, and more. The course is also suitable to those who wish to start their career in the paint coating work field.

The course is an alternative for people who cannot keep up with the requirements of traditional courses held in the classroom.

Course duration

30 days Learning via IOGS Learning Management System (LMS)

Course and exam fee

USD 395/-

Learning Mode

Online (Course and Exam)

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