



The Institute for Oil & Gas Sector

ENCOURAGING THE FUTURE IN OIL & GAS

Web: www.iogs.org

Email: enquiries@iogs.org

Brochure — Online Courses

COURSES WE OFFER



INSULATION INSPECTOR

Code: IOGS/CII



FIREPROOFING INSPECTOR

Code: IOGS/CFI



COATING INSPECTOR

Code: IOGS/CCI

- Learning mode of all these courses are online as well as in a classroom environment. 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 and place using an internet enabled device.
- The Level 3 courses are held at a set time, date around the different parts of the world. The tutor appointed by the IOGS leads the class.



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.

INSULATION INSPECTOR

IOGS/CII Level 2 — Online Course & Exam

Course Overview

The IOGS/CII Level 2 online course and exam allow you to make progress and move forward in the time frame that suits you. With a web browser, commitment, and some spare time, you are on a journey to vastly improve your skills and knowledge for the continual development and advancement of your career.

For your convenience, the relevant course materials, interactive quizzes, videos, and the like, are all accessible online via the IOGS Learning Management System (LMS) by using a web browser of the computer, laptop, smartphone, or tablet.

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 the said systems 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 most suitable for individuals already working in the industry (i.e. QA/QC inspectors, supervisors, managers, engineers, applicators, among others) or to those who look forward to grabbing an opportunity working for the industry in the quality control field.

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

Course duration

30 days Learning through IOGS Learning Management System (LMS)

Course and exam fee

USD 375/-

Contact Zishan for a Query:

Email: zshn@iogs.org

Click here to Enroll

www.iogs.org/enroll-a-training-1

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

Are you looking to revamp your knowledge in the field of passive fireproofing? Our passive fireproofing Inspector Level 2 online course is designed to make you learn the inspection and quality control requirements of intumescent and cementitious fireproofing systems which are used to prevent the spread of hydrocarbon and jet fire as well as prevention of premature collapse of the steel.

All you need to start learning is the web browser of your device to access our LMS, some spare time, and a great deal of commitment, and you are on a journey to vastly improve your 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
- PFP mixing and application
- Necessary documents and standards
- Inspector duties and responsibilities
- Inspection and quality control requirements
- PFP instruments and their use
- Structural steel members
- Health and safety

Who should enroll

The course is most suitable to those who wish to work or gain knowledge in inspection and quality control field of passive fireproofing systems.

This course is also a suitable alternative for individuals already working in the industry (i.e. QA/QC inspectors, supervisors, managers, engineers, applicators, among others) and cannot keep up with the requirements of a traditional classroom-based course and examination.

Course duration

30 days Learning through IOGS Learning Management System (LMS)

Course and exam fee

USD 375/-



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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 by limiting the exposure of metal to the corrosive environment; which is achieved by the application of the protective coating. Among other things, the course teaches the concept of corrosion control using the protective coating, coating types, surface preparation, application, and inspection and quality control requirements at the various stages of the coating work.

To learn, you only need a reliable web-browser, either on your tablet, smartphone, laptop, or computer. All the relevant course materials, interactive quizzes, videos, and the like are accessible via the IOGS LMS. So, if you find it challenging to go for a traditional classroom-based learning arrangement, this course will suffice as 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 who specialize in insulation, passive fireproofing, protective coating/or painting, welding, and the rest.

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

Course duration

30 days Learning through IOGS Learning Management System (LMS)

Course and exam fee

USD 375/-

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