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Wood Group Kenny (WGK) is the world's largest solution-independent provider of engineering and management services to the oil & gas industry for subsea systems, onshore and offshore pipelines and associated marine facilities. Wood Group Kenny has over 30 years' experience in the industry and offers a fully integrated concept, design, operational support and decommissioning service so that whole-of-life solutions are optimised.

Wood Group Kenny have the global backing and resources to provide truly international materials engineering and asset integrity management consultancy.

Ongoing assessment, monitoring and inspection are an integral part of any asset integrity assurance system through the whole lifecycle and our materials engineering and lifecycle integrity expertise is vast. We deliver innovative solutions and technologies across a broad range of industries and have developed a deserved reputation for excellence and impartiality. Our highly qualified corrosion and materials engineers have developed and implemented many corrosion mitigation, monitoring and management strategies.

By recruiting our industry's leading professionals and continually investing in new ideas and technologies, we have developed a market-leading suite of integrated services and asset integrity management expert systems.

International Registered Marine Insulation Inspection





Examination and Certification

The three hour examination is taken during the afternoon of day five and will consist of two parts:

- A multi choice paper
- A written paper

It is anticipated results will take two weeks within the UK and four weeks outside of the UK. Your IRMII qualification will be valid for five years, a valuable career enhancement.

Requirements:

This course and all training materials are supplied in English. This course is designed for engineers and inspectors to maximise technical knowledge of advanced thermal insulation systems and inspection regimes.

Payment

Full payment must be received 30 days before the course start date to guarantee a place. Under UK Excise Regulations, delegates from all countries are required to pay VAT on any event taking place in the UK. Please note that VAT may be liable to government amendment.

Acknowledgement

Confirmation of registration and a VAT receipt will be sent to all delegates. Joining instructions will be sent out prior to the start date of the course. If you have not received your acknowledgement 14 days prior to the start date of the course, please contact WGK by one of the means below to confirm your booking.

Intellectual Property

All presentations, course materials and supporting documentation will be presented in English and are the property of WGK; reproduction in any format is strictly forbidden. Audio-visual recording of presentations is also strictly forbidden. Course materials cannot be purchased by non-attendees.

Cancellation

In the event of a delegate cancelling, the registration fee will be refunded provided that notice is received in writing at least 21 days before the date of the course. No refunds will be paid after that date.

Substitution

If you are unable to attend, a substitute delegate may attend in your place, provided that WGK is notified in advance by one of the means below.

Refreshments and hospitality

Tea, coffee and water will be available all day and lunch will be provided.

Course Location

Varies globally. Bespoke courses can be arranged. Please contact us for details.

About this course

This course is presented after considerable investment and development by WGK. The need for this course has been recognised within the industry and thus has been developed by the main players in the field of coatings. Course content is overseen by a steering group comprised of representatives of each of the below companies and recognised as industry experts:

- Advanced Insulation Systems
- BrederoShaw
- Heerema
- Heriot Watt University
- Technip
- Trelleborg
- Elcometer instruments

The IRMII course is specific to subsea thermal insulation and specific to the thermal insulation of flow lines and field joint coating. Not only does it deal with subsea thermal insulation, but also pipeline coating in a level of detail that has never been covered in any previous course by any award body. It is in excess of any awarding body qualifications at level 2, and has now been accepted in to operators specifications such as BP, Talisman and Woodside.

Course Aim

By the end of this unique course you will be able to:

- Understand the differences between generic types of insulation
- Understand the different application methods for differing generic types of insulation
- Understand the inspection and test plan requirements
- Carry out surface preparation inspection
- Effectively inspect die/mould setup for accuracy
- Complete surveillance and monitoring during thermal insulation application
- Carry out effective inspection of applied thermal insulation
- Provide accurate and timely reporting to clients

Course Schedule

Day One

- Inspection Duties and Requirements
- Refresher of Basic Corrosion and Coatings,
- Pipeline Coating Plants
- Coatings
- Alternatives to wet and dry insulation

Day Two

- Flow assurance and insulation design
- Insulation types, wet and dry
- Pipe surface preparation, inspection and testing

Day Three

- Detailed description of all coating processes

Day Four

- Inspection and testing of all coatings
- Field joint coating

Day Five

- A.M. Review and Q&A
- P.M. Two-part Course Examination

N.B. Each day's course subjects will be reviewed the following morning.

International Registered Marine Insulation Inspection

Increases in deepwater HTHP (High temperature high pressure) development have placed greater demand on thermal insulation systems and technology. The root cause of most pipeline and insulation failures can be attributed to mistakes in selection and application. This has led to significant demand for greater technical knowledge of thermal insulation systems and inspection regimes. Industry places high value on protective coatings and thermal insulation, as they offer first line defence against premature structure and flowline failures, chemical attack and they also effectively inhibit hydrate or wax formation. Coatings extend the service life of structures and equipment and prevent degradation and corrosion in addition to increasing resistance to thermal and chemical damage.

Technological advances and industry failures mean there is urgent need for a common, independent and recognised form of training and certification for subsea thermal insulation. The course is designed for engineers and inspectors, to maximise technical knowledge of advanced thermal insulation systems and inspection regimes.

Currently there is no recognised qualification or career path for subsea insulation inspectors. In close collaboration with our industry partners and associates, Wood Group Kenny (WGK) has developed the International Registered Marine Insulation Inspectors training course.

Contact

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