



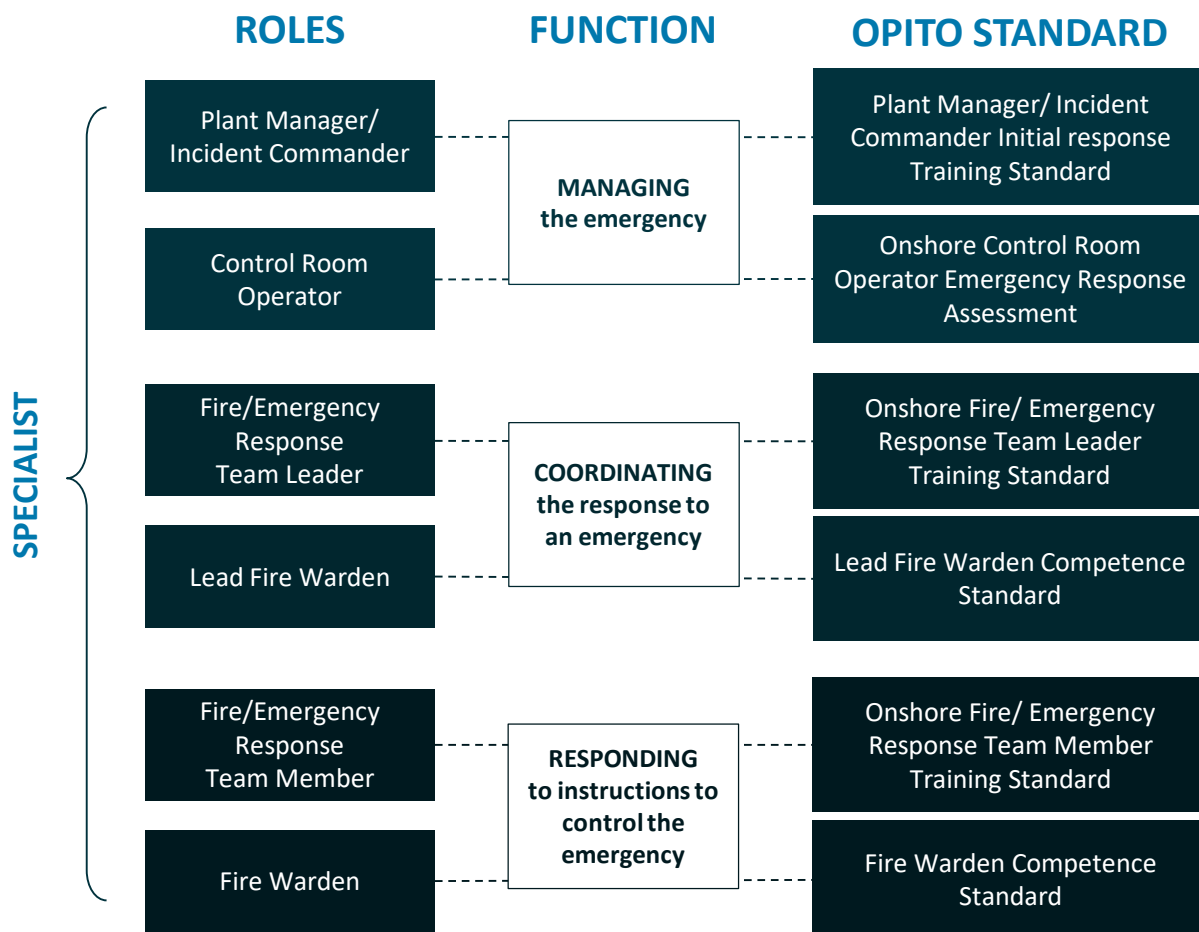
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MSTS ASIA

ONSHORE COURSE CATALOGUE

Emergency Response Training for Petroleum Processing and Refining Facilities

Our centres have a range of specially developed programs for the oil & gas industry in dealing with emergency situations onshore. Courses are conducted with classroom lectures and realistic practical exercises at our facilities



Emergency Response Framework for Onshore Petroleum Processing and Refining Facilities

Facilities

We offer a range of practical courses at a variety of levels to suit your training requirements. Our facilities are developed to give delegates the opportunity to put theories learned into practice on realistic equipment.



Facilities

Our professional team are dedicated and serious about what they do. Our trainers consist of highly experienced local and expatriates who are experts, multi-skilled and among the best in their field. Many of them have experience from the oil and gas and maritime industries. Their collective experience and skills enables us to deliver training to the highest standards.



LIST OF ONSHORE COURSES

1	Fire Warden Competence
2	Lead Fire Warden Competence
3	Fire/Emergency Response Team Member Training
4	Fire/Emergency Response Team Leader Training
5	Onshore Control Room Operator Emergency Response Assessment
6	Plant Manager / Incident Commander Initial Response Training and Initial Assessment
7	Emergency Planning for Major Accident Hazards
8	LNG Hazard Awareness and Fire Hazard Management
9	Practical Hands-On Storage Tank Fire Fighting
10	Storage Tank and Associated Facilities Fire Hazard Management
11	Consequence Modelling
12	Fire and Gas Detection Principles
13	Fire Incident Investigation
14	Firefighting Foams for the Oil, Gas, Petrochemical and High Hazard Industries
15	Fire Systems Integrity Assurance (FSIA)



Emergency Response Training for Petroleum Processing and Refining Facilities



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Fire Warden Competence – 1 Day	
Target Group Personnel who have been nominated by their employer to be formally assessed in the role of a Fire Warden during an emergency situation.	
Course Objectives To formally assess the candidate in the role of the Fire Warden during an emergency situation in a simulated environment	
Validity 3 years	Pre Course Requirement Valid medical



Lead Fire Warden Competence – 1 Day	
Target Group Personnel who have been nominated by their employer to be formally assessed in the role of a Lead Fire Warden during an emergency situation.	
Course Objectives To formally assess the candidate in the role of the Lead Fire Warden during an emergency situation in a simulated environment.	
Validity 3 years	Pre Course Requirement Valid medical

Fire/Emergency Response Team Member Training – 4 Days	
Target Group Personnel who are appointed to, or to be appointed to, the role of an Fire/Emergency Response Team Member	
Course Objectives To equip the delegate with the necessary knowledge, understanding and skills to perform the role of Fire/Emergency Response Team Member effectively.	
Validity 3 years	Pre Course Requirement Valid medical



Fire/Emergency Response Team Leader Training – 3 Days

Target Group

Personnel who are appointed to, or to be appointed to, the role of an Emergency Response Team Leader

Course Objectives

To equip the delegate with the necessary knowledge, understanding and skills to perform the role of Fire/Emergency Response Team Leader effectively

Validity

3 years

Pre Course Requirement

Valid medical and Fire/Emergency Response Team Member Training (FERTM) certificate



Control Room Operator Emergency Response Assessment – 2 Days

Target Group

Personnel who have been nominated by their employer to be formally assessed in the role of a CRO during an emergency situation

Course Objectives

To formally assess the candidate in the role of the CRO during an emergency situation in a simulated environment

Validity

3 years

Pre Course Requirement

Valid medical and completed the requirements of Element 1.1



Plant Manager/Incident Commander Initial Response Training and Initial Assessment – 3.5 Days

Target Group

Personnel who are either designated as being in charge of, are members of, or provide support to an incident management team in an emergency

Course Objectives

To equip personnel with formal training in command, control, communications and stress-related factors in the management of major emergencies

Validity

3 years

Pre Course Requirement

Valid medical





Specialist Workshops for Onshore Petroleum Processing and Refining Facilities



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Emergency Planning for Major Accident Hazards – 3 Days

Target Group

Safety managers, safety practitioners, emergency responders, system design engineers, fire protection engineers and Health, Safety and Environmental protection agencies.

Course Objectives

To provide delegates with an in-depth knowledge of all aspects of risk identification, development of plans, emergency management process and the undertaking of instructive training.



LNG Hazard Awareness and Fire Hazard Management – 2 Days

Target Group

Fire Responders, Fire Engineers, Loss Prevention Engineers, safety Professionals and Health, Safety and Environmental protection agencies.

Course Objectives

To familiarize responders with the correct tactics for normal hydrocarbon fuels, the special characteristics of LNG and the different strategies might be required during emergency



Practical Hands-On Storage Tank Fire Fighting – 2 Days

Target Group

Fire responders from Industrial and public fire services, fire engineers, safety professionals and Health, Safety and Environmental protection agencies.

Course Objectives

To equip delegates to execute the correct tactics using foam and dry powder in a simulated environment



Storage Tank and Associated Facilities Fire Hazard Management – 3 Days

Target Group

Fire Responders, Fire Engineers, Loss Prevention Engineers, safety Professionals and Health, Safety and Environmental protection agencies.

Course Objectives

To provide delegates with an in-depth knowledge of all aspects of assessing and controlling fire hazards in flammable liquid storage tanks and associated product transfer facilities



Consequence Modelling - 2 Days

Target Group

Supervisors, managers, directors, plant/process operators including maintenance functions, process safety engineers and loss prevention specialists

Course Objectives

To equip delegates on the latest consequence modelling and analysis techniques to be applied in appropriate situations and in consistent manner



Fire and Gas Detection Principles – 2 Days

Target Group

Fire system personnel / end users, system design engineers, fire protection engineers, fire responders, safety professionals, loss prevention engineers and Health, Safety and Environmental protection agencies.

Course Objectives

To provide delegates with a working knowledge of all aspects of fire and gas detection principles, fixed fire and gas detection system functionality and portable gas detection product selection



Fire Incident Investigation – 5 Days

Target Group

Supervisors, managers, directors, plant/process operators including maintenance functions, process safety engineers and loss prevention specialists

Course Objectives

To equip the delegate with the technical and scientific knowledge and skills needed to conduct successful fire investigations



Fire Fighting Foams for the Oil, Gas, Petrochemical High Hazard Industries - 2 Days

Target Group

Fire system personnel / end users, system design engineers, fire protection engineers, fire responders, safety professionals, loss prevention engineers and Health, Safety and Environmental protection agencies.

Course Objectives

To provide delegates with a working knowledge of all aspects of firefighting foams



Fire Systems Integrity Assurance – 3 Days

Target Group

Fire system maintenance engineers and end users, system design engineers, fire protection engineers, fire responders, safety professionals, loss prevention engineers and Health, Safety and Environmental protection agencies.

Course Objectives

To equip delegates with knowledge of FSIA process from development of performance criteria through to routine system testing and inspection to assess on-going performance





A member of **RelyOn Nutec**

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