



# Process and Refining Operations Courses

126 Total Lessons

Online Training

## 700 Process Systems and Operations (37)

- 701-01 Introduction to Petroleum Refining
- 701-02 Basic Petroleum Chemistry
- 701-03 OSHA's Process Safety Management Standard
- 701-04 History of Refining
- 701-05 Introduction to Crude Oil
- 701-06 Operator Qualifications in Refining
- 701-07 Maintenance Requirements in Petroleum Refining
- 701-08 Predictive and Reactive Maintenance
- 705-01 Refinery Overview and Configuration
- 705-03 Crude Unit
- 705-05 Catalytic Reformer
- 705-07 Fluid Catalytic Cracking
- 705-09 Coker Operations
- 705-11 Gasoline Blending
- 705-12 Diesel and Other Fuels
- 705-13 Sweetening
- 705-15 Sulfuric Acid Plant
- 705-17 Finishing Processes and Hydrotreating
- 705-19 Support Plants and Regulations

- 705-21 Natural Gas Refining
- 705-23 Lubricants
- 705-25 Asphalt
- 707-01 Features and Operation of Process Heaters
- 709-01 Features and Uses of Process Tanks
- 711-01 Introduction to Distillation
- 711-02 Operation of a Distillation Column
- 713-01 Introduction to Process Separators
- 715-01 Introduction to Process Reactors
- 717-01 Introduction to Methane Reforming and Synthesis
- 719-01 Safety Alarm Systems and Instrumentation
- 719-02 Overpressure Safety systems
- 721-01 Process Utilities System, Part 1
- 721-02 Process Utilities System, Part 2
- 723-01 Process Product Movement and Shipment
- 723-02 Tanks and Vessels Used for Storage
- 725-01 Sampling Principles and Methods
- 725-02 Testing Principles and Procedures

## Oil and Gas Specific Training (89)

- 0GS-14.2 Air Permitting Awareness for Oil and Gas Personnel
- 0GS-36.2 Back Injury Prevention for Oil and Gas Workers
- 0GS-31.2 Basic First Aid for Oil and Gas Personnel
- 0GS-28.2 Chainsaw Safety for Oil and Gas Personnel
- 0GS-20.2 Cold Stress for Upstream and Midstream Oil and Gas Operations
- 0GS-8.2 Confined Space and Engulfment Awareness for Oil and Gas Operations
- SNP-93.2 Confined Space Oil and Gas: Confined Space Hazards
- SNP-94.2 Confined Space Oil and Gas: Duties and Responsibilities
- SNP-96.2 Confined Space Oil and Gas: Emergency Procedures
- 0GS-59.2 Contractor Orientation for Oil and Gas
- SNP-240.2 Contractors in Oil and Gas: Company and Site-specific Policies
- SNP-239.2 Contractors in Oil and Gas: Environmental and Emergency Response
- SNP-236.2 Contractors in Oil and Gas: General Hazards

- SNP-234.2 Contractors in Oil and Gas: General Safety Programs
- SNP-235.2 Contractors in Oil and Gas: Hazard Controls
- SNP-238.2 Contractors in Oil and Gas: Permit-Required Work Tasks
- SNP-237.2 Contractors in Oil and Gas: Specific Hazards
- 0GS-25.2 Electrical Safety / NFPA 70E for Oil and Gas Personnel
- 0GS-46.2 Electrical Safety / NFPA 70E for Qualified Workers in the Oil and Gas Industry
- SNP-151.2 Electrical Safety for Oil and Gas: Electrical Hazards on Oil and Gas Sites
- SNP-149.2 Electrical Safety for Oil and Gas: How Electricity Works and its Dangers
- SNP-399.2 Excavation and Trenching for Oil and Gas: Hazard Controls
- SNP-398.2 Excavation and Trenching for Oil and Gas: Hazards
- SNP-397.2 Excavation and Trenching for Oil and Gas: Requirements
- SNP-400.2 Excavation and Trenching for Oil and Gas: Roles and Responsibilities



OGS-10.2	Excavation and Trenching for Upstream Oil and Gas Operations	OGS-33.2	Machine Guarding for Oil and Gas Personnel
SNP-301.2	Excavation Competent Person - Soil Classification	OGS-24.2	NORM Awareness in the Oil and Gas Industry
OGS-15.2	Fall Protection for Upstream Oil and Gas Operations	OGS-27.2	Occupational Safety and Health Programs in the Oil and Gas Industry
OGS-3.2	Fire Protection for Oil and Gas Employees	SNP-330.2	Oil & Gas Qualified Electrical Workers - Electrical Hazards
SNP-153.2	Fire Protection Oil and Gas: Common Fire Hazards	SNP-329.2	Oil & Gas Qualified Electrical Workers - Electrical Injuries
SNP-155.2	Fire Protection Oil and Gas: Emergencies and Evacuation	SNP-328.2	Oil & Gas Qualified Electrical Workers - Electricity Basics
SNP-154.2	Fire Protection Oil and Gas: Protection and Prevention	SNP-331.2	Oil & Gas Qualified Electrical Workers - Hazard Controls
OGS-38.2	Flame-Resistant Clothing for Oil & Gas Personnel	OGS-18.2	Oil Rig Safety
SNP-352.2	H2S Safety for Oil and Gas - API Site Classification	SNP-217.2	Oil Rig Safety: Chemical Hazards
SNP-353.2	H2S Safety for Oil and Gas - Emergency Response	SNP-218.2	Oil Rig Safety: Equipment Hazards
SNP-347.2	H2S Safety for Oil and Gas - H2S Basics	SNP-216.2	Oil Rig Safety: Terminology and Safety Programs
SNP-350.2	H2S Safety for Oil and Gas - H2S Hazard Controls	SNP-219.2	Oil Rig Safety: Work Environment Hazards
SNP-349.2	H2S Safety for Oil and Gas - Other H2S Hazards	OGS-5.2	Personal Protective Equipment for Oil and Gas Personnel
SNP-348.2	H2S Safety for Oil and Gas - Toxicity Hazards	OGS-2.2	Portable Fire Extinguisher Techniques on Oil and Gas Sites
SNP-351.2	H2S Safety for Oil and Gas - Training and PPE	OGS-41.2	Reasonable Suspicion Substance Abuse Training for Supervisors in the Oil and Gas Industry
OGS-1.2	H2S Safety for Oil and Gas	OGS-16.2	Respiratory Protection for Oil and Gas Personnel
OGS-26.2	Hand and Power Tools for the Oil and Gas Industry	SNP-137.2	Respiratory Protection Oil and Gas: General Requirements
OGS-7.2	Hazard Communication for the Oil and Gas Industry	SNP-145.2	Respiratory Protection Oil and Gas: Inhalation Hazards
OGS-11.2	Hearing Conservation for Oil and Gas Workers	SNP-147.2	Respiratory Protection Oil and Gas: Respirator Styles and Features
SNP-143.2	Hearing Conservation Oil and Gas: Hearing Protection	SNP-146.2	Respiratory Protection Oil and Gas: Respirator Types and Characteristics
SNP-142.2	Hearing Conservation Oil and Gas: Noise Impacts	SNP-148.2	Respiratory Protection Oil and Gas: Use and Maintenance
SNP-144.2	Hearing Conservation Oil and Gas: Noise Monitoring	OGS-34.2	Rigging Safety for Oil & Gas Operations
OGS-19.2	Heat Stress in Oil and Gas Operations	ENV-2.2	Safety and Health Awareness for Oil Spill Cleanup Workers
SNP-401.2	Heat Stress in Oil and Gas Operations: Basics	OGS-52.2	Silica Awareness for Oil and Gas
SNP-403.2	Heat Stress in Oil and Gas Operations: Conditions and Treatment	SNP-190.2	SPCC for Oil and Gas: Controls and Countermeasures
SNP-402.2	Heat Stress in Oil and Gas: Prevent Heat-Related Illnesses	SNP-188.2	SPCC for Oil and Gas: SPCC Plan Components
OGS-6.2	Hot Work/Arc Welding for Oil and Gas Operations	SNP-189.2	SPCC for Oil and Gas: Spill Prevention Measures
OGS-56.2	Incident Investigation in the Oilfield	OGS-12.2	Spill Prevention/Control/Countermeasures for Oil and Gas Operations
SNP-428.2	Incident Investigation in the Oilfield: Aspects of an Investigation	OGS-13.2	Spill Response for Oil and Gas Personnel
SNP-429.2	Incident Investigation in the Oilfield: Investigation Steps	OGS-29.2	Wildlife Safety for the Oil and Gas Industry
SNP-427.2	Incident Investigation in the Oilfield: Roles and Terms	OGS-47.2	Winter Safety for Oil and Gas Personnel
OGS-35.2	Ladder Safety for Oil & Gas Personnel		
OGS-17.2	Lockout/Tagout Awareness for Oil and Gas Personnel		



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