Gas Processing eLearning Course Bundle

for

Operators working in a Gas Processing Facility

Enculturate Operational Excellence into Your Workforce

Workforce performance optimization and improvement includes operator ability to perform rounds, identify the types of equipment, recognize abnormal conditions, perform inspections, tests, and ongoing maintenance necessary to ensure equipment and processes continues to function as per the intended design and implementation.

Invest in Your Operators for World Class Performance

Your assets and the process operators that work in them are your single biggest investment. Protecting these assets and optimizing productivity requires workforce acquisition of the knowledge, skills, and attitudes that mitigate risk, ensure the integrity and reliability of your equipment & processes, and ensures operators perform the tasks associated with their roles safely and competently.

With this in mind, ***SMTs' Gas Processing eLearning Course Bundle*** provides your operators with cost-effective training that is easy to implement, even with limited resources and reduced budgets. This 50 hour long *Gas Processing Course Bundle* is focused on the tasks performed by process operators working in a gas processing operation. The technical fundamentals, practical operating challenges, and typical practices are presented.

Safety is of primary concern. We understand risk mitigation, compliancy and regulatory training. And we also understand that accidents can happen as a result of ill-equipped or untrained personnel. Don't let that happen to your company.

Contact us for additional information & pricing options
sales@smtplus.com, 805-354-5828 Ext 101

SMT PLUS

Topics

Introduction – General

Define Natural Gas
Extracting Natural Gas
Introduction to Gas Gathering
Introduction to a Gas Processing Facility

Inlets

Introduction to Inlets
Introduction to Pigging
Introduction to Slug Fingers
Introduction to Inlet Separators
Controlling the Inlet Area
Troubleshooting the Inlet Area

Compression

Introduction to Compressors
Operating the Compressors
Controlling the Compressors

Amine System

Define Sour Gas
Introduction to Amine Systems
Identifying the Equipment
Operating the System
Introduction to Liquid Foaming

Feed Gas Chilling

Introduction to Gas Processing
Define Dew Point
Identifying the Equipment
Operating the Equipment

Refrigeration System

Introduction to the Refrigeration System
Identifying the Equipment
Operating the Refrigeration System
Introduction to Non-Condensables

Glycol Regeneration

Introduction to the Glycol System
Identifying the Equipment
Introduction to Glycol Filters
Operating the Glycol Pumps
Controlling the Glycol System

Glycol Dehydration

Introduction to the Glycol Dehydration System
Identifying the Equipment
Operating the Equipment
Controlling the Process

Gas Recovery System

Introduction to Gas Recovery
Identifying the Equipment
Operating the Equipment

Condensate Stabilization

Introduction to Condensate
Identifying the Equipment
Controlling the Process

De-Ethanization System

Introduction to De-ethanization
Operating a De-ethanizer Tower
Controlling the Process

Sales Gas

Introduction to Sales Gas

Product Storage

Introduction to Condensate Storage
Introduction to Produced Water Storage
Introduction to NGL Storage Bullets
Introduction to Truck Loading

Utilities

Introduction to Heat Medium Heaters
Introduction to Air Compressors
Resetting a Breaker
Load Shedding
Identifying Critical Operational Procedures

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Features & Benefits

The *SMT Plus Gas Processing Course Bundle* provides an intuitive interface with meaningful interactive learning activities.

Features	Benefits
Courses have a granular course construct. This means that information / knowledge is broken down into individual "objects". These objects are arranged into a course. Once created, they can be pulled out of the initial course, and repurposed / redeployed in another course.	Runs on any desktop, laptop, tablet or smartphone
Courses comprise a generous spread of visual imagery, i.e. computer generated 2D & 3D stills and animations, video, digitized photographs and text only screens.	The learning covers skills required to be an effective operator that can execute critical thinking necessary to respond to abnormal process condition and/or upsets
Courses employ a variety of learning strategies and activities, such as discovery through exploration activities, critical thinking exercises, and short games	
The knowledge component of each course includes periodic knowledge checks coupled with remedial feedback.	The courses are available on-demand to support the varying schedules of process operators.
Each instructional objective has a corresponding test question There is an even distribution of True/False, Multiple Choice and Interactive Drag and Drop and when possible assessment strategies also include the use of visuals.	
The course bundle is platform independent. This means that courses can be launched by 3rd party systems or can be launched standalone.	Learners choose how they want to learn, by choosing their preferred path. Alternatively, structured and prescribed learning paths can also be predetermined by an administrator.
The course bundle is compliant with the SCORM interoperability standard.	
Courses can be updated/edited by course administrators or developers who do not work for SMT Learning. All of the media such as videos, audio files, text, etc. are separate from the presentation logic of each course, which means that it is easier to update the courses after they have been published.	
Courses can be hosted by SMT Learning. The SMT hosted solution allows for detailed progress reporting and analysis – student progress, average mark, etc.	Knowledge and skills acquired can be put into practice immediately.
Courses include interactive overviews and animated fly-throughs	
Each course includes hyperlink test review functionality. This functionality allows learners to review the corresponding knowledge component during a test review. i.e. it allows the learner to link back to the knowledge component thus providing reinforcement	Your organization can continue to world class learning despite challenging market conditions and reduced budgets.

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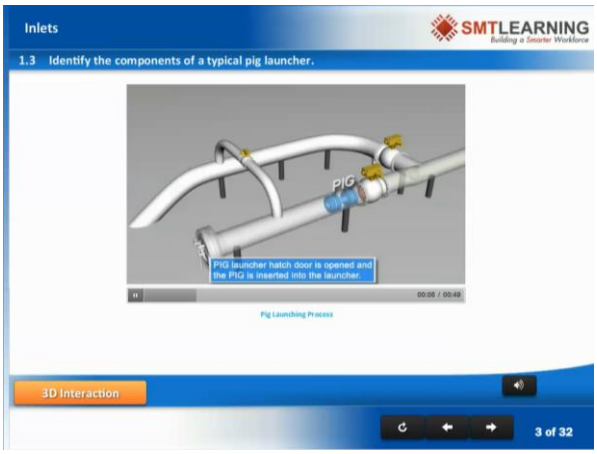
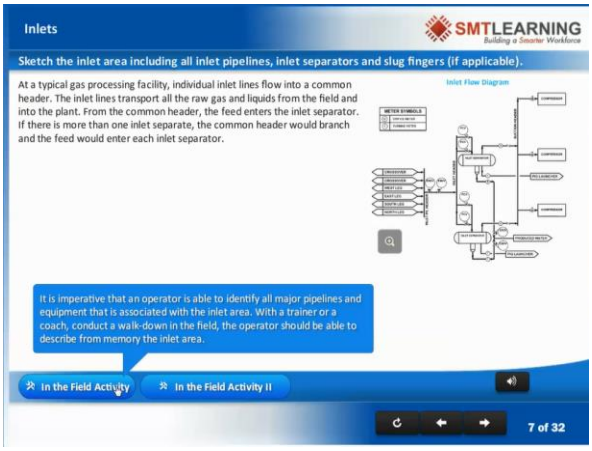
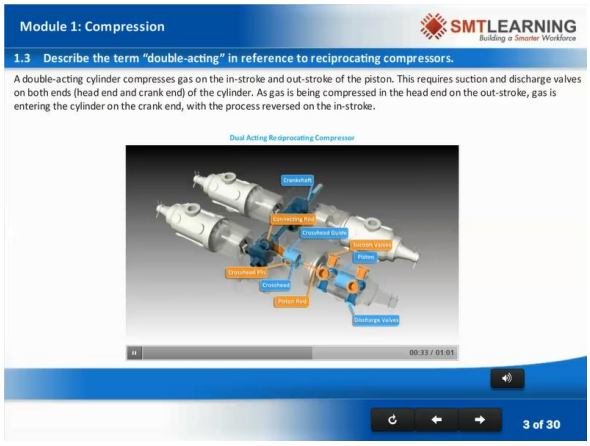
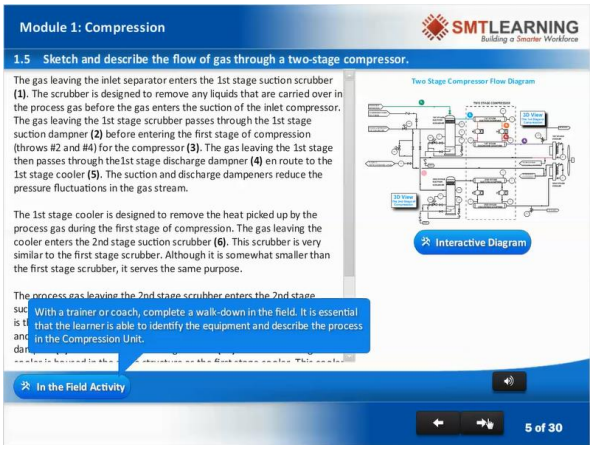
Screenshots from the SMT Plus Gas Processing eLearning Course Bundle









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