

33 New e-Learning Courses for Gas Production Operators

This outstanding new bundle of e-Learning courses, devoted to Natural Gas Treatment and Processing Facilities, will **enhance operator skills, optimize performance and protect your assets.**



SEPARATE

COMPRESS

TREAT

DEHYDRATE

PROCESS

SAMPLE & METER



enhance skills

optimize performance

Course Design: Integration of Two Forms of Learning



This **Gas Treatment and Processing** bundle is divided into two types of e-Learning courses:

Equipment and Process Fundamentals Courses provide the learner with a basic understanding of each piece of equipment and its operation using a compelling integration of mixed media and assessments that enhance and confirm that learning is being achieved.

protect assets

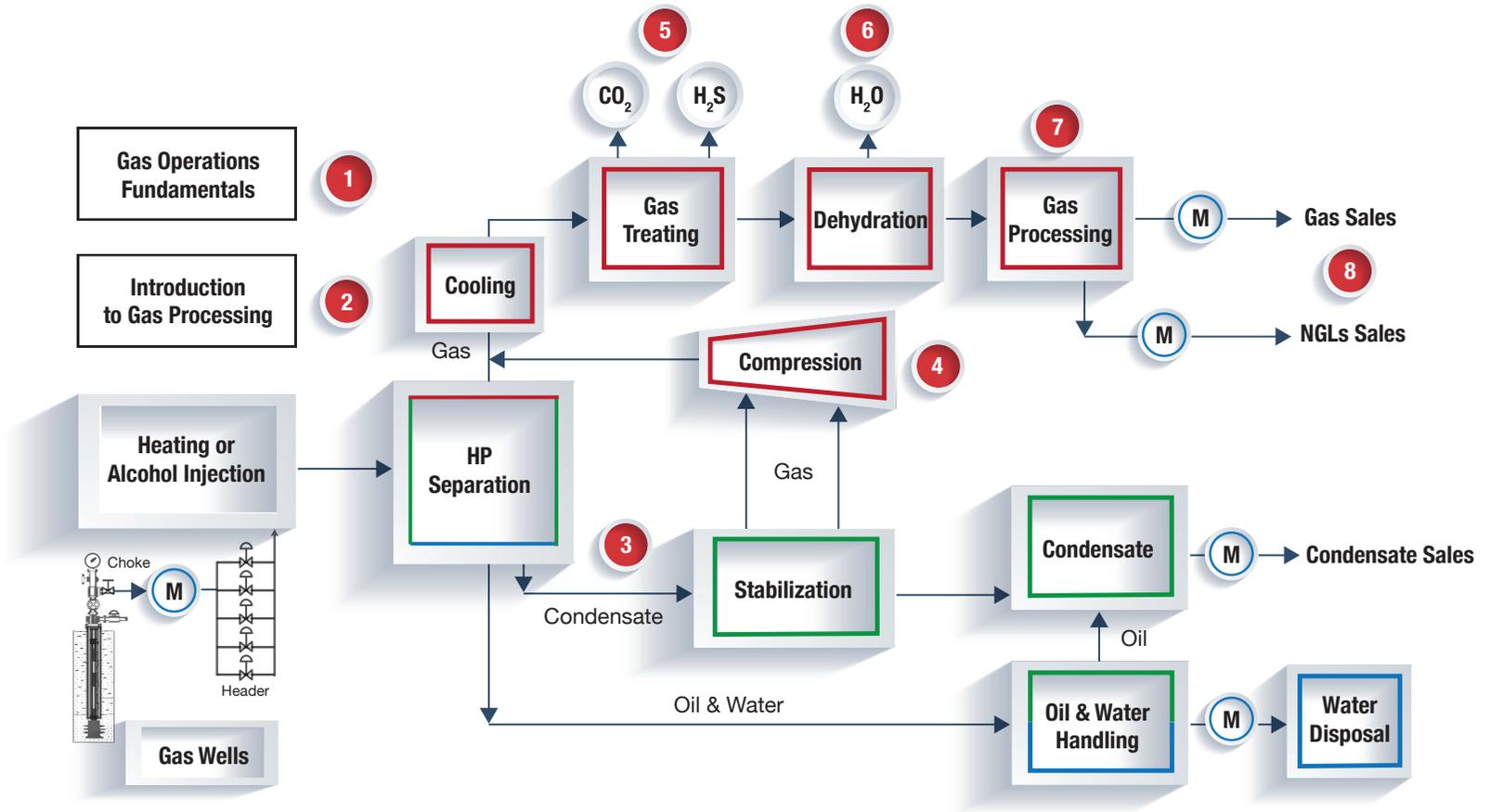


Task-Focused Courses were developed by asking senior operators “**What should the operator know or be able to do with this piece of equipment**”. Each course consists of a set of task-focused learning sessions that an operator must complete in order to achieve the competencies identified in the senior operator’s response to the above question. At the end of each course, the operator completes assessments to demonstrate their knowledge of the material.



Content is Extensive

This graphic shows the e-Learning course topics within the surface flow system.



IHRDC's e-Learning Bundle for Gas Treatment and Processing

1 GAS OPERATIONS FUNDAMENTALS

Basic Principles of Pressure and Temperature
Heat Exchanger Principles
Gas Processing Utilities and Systems ^{*}
Inlets System ^{*}
Liquids Product Storage ^{*}

2 INTRODUCTION TO GAS PROCESSING

Principles of Gas Processing
Gas Processing Systems ^{*}
Gas Recovery Systems ^{*}
Refrigeration Systems ^{*}

3 CONDENSATE SEPARATION

Production Separator Principles
Condensate Stabilization ^{*}

4 GAS COMPRESSION

Reciprocating Compressor Principles
Reciprocating Compressor Operation
Centrifugal Compressor Principles
Compression Overview ^{*}
Feed Gas Chilling ^{*}

5 GAS TREATMENT (REMOVAL OF CO₂ & H₂S)

Amine System Overview ^{*}
Principles of Amine Sweetening
Amine Sweetening Unit Operation
Blinding

6 GAS DEHYDRATION

Principles of Glycol Dehydration
Glycol Dehydration Unit Operation
Glycol Dehydration Systems Overview ^{*}
Glycol Regeneration System Overview ^{*}

7 GAS PROCESSING (SEPARATION OF NGLs)

Cryogenic Process Principles
Deethanization ^{*}

8 GAS AND NGL SAMPLING, METERING AND TRANSFER

Orifice Meter Station Fundamentals
Orifice Meter Station Operations/Maintenance
NGL Measurement I: Gas Liquids and Metering
NGL Measurement II: Methods for Measurement
Natural Gas and NGL Sampling
Electronic Flow Measurement
Gas Metering and Custody Transfer ^{*}

Cost-Effective Training That is Simple to Implement

This bundle of courses offers your operators cost-effective training that is simple to implement, at a very modest cost.

This is the learning system for you if you are looking to **optimize the performance** of your operators, **mitigate risk**, **ensure the integrity** and **reliability** of your equipment and processes and ensure **operational safety**.

Obtaining Access to These Courses is Easy!

1. Try the demo at www.ihrdc.com/gasoperators to understand the value of the two forms of learning.
2. If you would like to obtain immediate access to one course (US\$55/course) or the bundle of 33 courses (US\$330/user/year) go to www.oilandgastraining.com with your credit card.
3. If you would like to license access to IHRDC's complete O&M Series or just the Gas Treatment and Processing bundle please contact rmayfield@ihrdc.com or call at **+1.617.456.3406**

For further information on the bundle and licensing
contact rmayfield@ihrdc.com or call us at **+1.617.456.3406**





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