

Competency Management
Competency Library

Biannual Update Release

**Natural Gas Pipeline Operations
and Maintenance**

January 2019

International Human Resources Development Corporation (IHRDC)

535 Boylston Street, 12th Floor

Boston, MA 02116 • USA

Tel: +1.617.536.0202

corporate@ihrdc.com



IHRDC is pleased to announce the launch of our latest Competency Library Update, which was released on January 31, 2019. Our biannual Competency Library update process focuses on making continuous additions and updates to our content to ensure our clients can have all their competency model needs met.

With this update, we have added 20 new competency models and more than 100 new competency units focused on **Natural Gas Pipeline Operations and Maintenance**. Interested in learning more about our new and upcoming content? Already licensing our content and want to add new content to your existing library? Contact us for more information and we can help ensure your competency models contain the latest industry standards and changes.

Operations

Operations Team Leader
Operations Chief Engineer
Operations Engineer - Metering
Operations Team Leader – Main Control Center
Operations Chief Engineer – Main Control Center
Operations Engineer – Main Control Center
Operations Technician – Main Control Room
Operations Technician - Site



Natural Gas Pipeline Competency Models

Maintenance

Maintenance Chief Engineer
Maintenance Team Leader
Maintenance Planning Specialist
Maintenance Technician - Electrical
Maintenance Technician - Instrument and Control
Maintenance Technician - Telecom and SCADA
Maintenance Technician - Turbo Compressor
Maintenance Technician - Pipe Fitter
Maintenance Technician - Welder
Maintenance Technician - Heavy Machinery
Maintenance Technician - Vehicles
Maintenance Technician - Inspection



IHRDC Competency Library

During IHRDC's 50 years of serving the oil and gas industry, we have developed innovative learning solutions that exceed our customer's expectations. That tradition continues with our competency content library, which represents the broadest, most comprehensive industry-standard set of competency models available in the oil and gas industry today. Whether you seek to license our standard competency models and use them off the shelf or plan to customize them for your own organization, this database is the best place to start!

INDUSTRY-STANDARD COMPETENCY LIBRARY QUICK FACTS:

- 360 competency models covering all industry job areas from Upstream to Downstream
- 2,200+ competency units grouped into libraries
- Four-level proficiency scale: Awareness, Basic Application, Skilled Application, Mastery
- Four to seven skill definitions per proficiency level per competency unit
- Updated and revised bi-annually to ensure alignment with industry standard
- Used in IHRDC's CMS Online or uploaded into client's existing software systems

 E&P Technical 521 Competency Units 120 Job Competency Models	 Operations and Maintenance 947 Competency Units 165 Job Competency Models	 Business and Common 752 Competency Units 172 Job Competency Models
<ul style="list-style-type: none"> • Civil and Structural Engineering • Drilling and Completion Engineering • Drilling, Completion and Workover Operations • Engineering Support • Engineering, Construction and Commissioning • Facilities Engineering • Formation Evaluation • Functional Core Competencies - Petrotechnical • Geology and Geophysics • Geotechnical Support • Instrument and Control Engineering • Pipeline Engineering • Process and Production Engineering • Reservoir Engineering • Unconventional Resources 	<ul style="list-style-type: none"> • Functional Core Competencies • Installation of Equipment (Oil and Gas) • Maintenance - Drilling, Electrical, General Services, Inspection, Instrument and Control, Mechanical, Services, and Workshops • Marine • Operations Management • Process Operations - Field Facilities, Monitoring and Control, Plant Equipment, Plant Facilities, and Support • Quality, Health, Safety and Environment • Security 	<ul style="list-style-type: none"> • Behavioral and Soft Skills • Business and Operations Support • Commercial • Company Core Competencies • Finance and Accounting • Functional Core Competencies - Business • Human Resources • Information Technology • Legal • Medical • Project Management • Supply Chain • Trading and Supply

In addition to the IHRDC competency models, IHRDC has also built models for the Society of Petroleum Engineers and Society of Exploration Geophysicists, and, as the owner of their intellectual property, IHRDC can license these models for use within your organization. Finally, IHRDC has aligned a selection of our models to the Scottish Qualifications Authority standards, which enable candidates, when assessed by a qualified assessor to receive a Scottish Vocational Qualification.

For more detailed information about Competency Library please see [Competency Content Brochure](#)



Upcoming Content Releases

We are currently working on Competency Content additions and updates in the following areas:

- DREDGING
- TRADING AND SALES
- REMOTELY OPERATED UNDERWATER VEHICLE (ROV)
- DIVING AND LIFE SUPPORT