PROVIDED
LNG: Basics of Liquefied Natural Gas

Written by Dr. Stanley Huang, Dr. Chen-Hwa Chiu, and Dr. Doug Elliot

Stranded natural gas converted into liquefied natural gas (LNG), transported and regasified, is playing an important role in the global energy mix. This full-color book covers the entire scope of the industry including the liquefaction process, storage, transportation, regasification, and the major equipment used in the manufacture of LNG. Having worked in the LNG industry for many years, Dr. Stanley Huang and Dr. Chen-Hwa Chiu of Chevron Energy Technology and Dr. Doug Elliot of Bechtel Corporation contributed both technical and hands-on experience in writing this book to bridge the gap between public perceptions and industrial realities. Full-color illustrations, a glossary, and an extensive index enhance the reader's learning experience. 2007, 160 pp.

RECOMMENDED
A Dictionary for the Oil and Gas Industry, 2nd ed.

A best-selling resource for all industry personnel. This helpful reference contains over 12,000 definitions of terms used in petroleum geology, exploration, drilling, production, pipelining, processing, refining, accounting, and marketing. Features over 540 2-color illustrations and an easy-to-use format. Also includes contact information for industry associations and key government agencies and lists of common abbreviations, SI units, and metric equivalents. 2011, 336 pp.

For more info about PETEX, check out our Web site at petex.utexas.edu

Enrollment Information
For additional information, contact—

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LNG: Basics of Liquefied Natural Gas
1.9 CEUs
Length: 2.5 Days
Provides basic instruction about all facets of the liquefied natural gas (LNG) industry. Focuses on LNG liquefaction and regasification facility operations from the process side and the rapid expansion and evolution of the industry. Addresses three major building links of the LNG chain: the liquefaction plant, transport ships, and receiving terminal.

Course Content
- Overview of the LNG industry
- Baseload liquefaction plant
- Receiving terminal
- LNG shipping industry
- LNG project development
- Developing LNG Projects
- Supporting functional units in LNG plants
- Major equipment in the LNG Industry
- Safety, security, and environmental issues
- Offshore LNG applications
- LNG industry in China
- Special topics: non-conventional LNG and risk management

Recommended For
Managers new to the LNG industry; operating supervisors and engineers with suitable technical background; project managers.

Included with Course
- Catered lunch daily; beverages and snacks provided
- Course materials including instructor presentations
- LNG: Basics of Liquefied Natural Gas book

Manufacturing, transporting, and erecting spiral-wound exchangers (Courtesy of Linde Gas LLC)