

Oil, Gas and Chemical Information Guide

Locating Oil, Gas and Chemical Information

The following is a list of key shelf numbers for oil, gas and chemical information. If you are looking for a particular book please check the library catalogue.

Chemical engineering	660.2	Petroleum production	622.38
Chemical & process safety	660.2804	Petroleum storage and transportation	665.54
Energy	621.4	Petroleum technology	665.5
Hazardous materials	661	Pipelines	621.8672
Natural gas	665.792	Process equipment	660.283

Useful Books

Branan CR, Rules of thumb for chemical engineers (2002)	660 BRA (Oversize)
Couper JR, Chemical process equipment: selection and design (2004)	660.283 COU
Gary JH, Petroleum refining: technology and economics (2001)	665.4 GAR
Koolen JLA, Design of simple and robust chemical process plants (2001)	660.284 KOO
Lucas AG, Modern petroleum technology (2000)	665.5 LUC
Parkash S, Refining processes handbook (2003)	665.53 PAR
Paul W H, Future energy: how the new oil industry will change people, politics and portfolios (2007)	[on order]
Perry RH & Green DW, Perry's chemical engineers handbook (1998)	660 PER
Speight JG, Environmental analysis and technology for the refining industry (2005)	665.538 SPE
<i>Oversize shelved on the bottom two shelves</i>	

E-books

Available via the Knovel service in the Virtual Library

Boyun G, Natural gas engineering handbook (2005)

Jackman PS & Smith LM, Advances in corrosion control and materials in oil and gas production (1999)

Lewis RJ, Hawley's condensed chemical dictionary (2002)

Lyons WC, Standard handbook of petroleum & natural gas engineering (2005)

Reynolds JP, Jeris JS & Theodore L, Handbook of chemical and environmental engineering calculations (2002)

Sheldrake AL, Handbook of electrical engineering - for practitioners in the oil, gas and petrochemical industry (2003)

Speight JG, Handbook of petroleum analysis (2001)

Available via the Books24x7 service in the Virtual Library

Dry gas seals handbook, PennWell Corp, 2005
Pipeline design and construction: a practical approach, 2005
Pipeline operation and maintenance: a practical approach, 2005
Process piping: The complete guide to ASME B31

Recent IMechE process engineering conferences and seminars

These are shelved alphabetically by year in the Conference/Seminar section of the library.

[Design and risk associated with pressure relief in chemical plant processes](#), IMechE seminar 2004
[Emissions reduction in the oil, gas and chemical industries](#), IMechE seminar 2006
[Fluid machinery for the oil, gas, and petrochemical industry](#), IMechE conference 2002

Useful Journals

Please check the library catalogue to see if the library subscribes to your required journal. Current issues of key journals are held on the journal display rack. The back copies of these journals are stored in the basement. Please ask a member of staff if you wish to view any.

Health and safety at work	1 year	Process engineering	1972-
Oil and gas journal	5 years	The ROSPA occupational safety and health	
Petroleum review	1987-	journal	years
Proceedings of the Institution of Mechanical		Sulzer technical review	1920-
Engineers part E: journal of process		TCE: the chemical engineer	1986-
mechanical engineering	1989-		

A number of journals are available electronically via EBSCOhost which is available in the IMechE Virtual Library. Click here to see a list of [titles](#) or to see [titles by subject](#).

Useful websites

American Petroleum Institute	http://api-ec.api.org
Association of British Offshore Industries	www.maritimeindustries.org
British Chemical Engineering Contractors Association	www.bceca.org.uk
Chemical Industries Association	www.cia.org.uk/newsite
Energy Institute	www.energyinst.org.uk
IMechE Process Industries Division	www.imeche.org/industries/process
Institution of Chemical Engineers	www.icheme.org
NOF Energy	www.nof.co.uk
Oil & Gas UK	www.ukooa.co.uk
Scenta: Engineering > Oil, Gas and Chemical	www.scenta.co.uk/engineering/oil, gas & chemical.cfm
Society of British Gas Industries	www.sbgj.org.uk
Society of Chemical Industry	www.soci.org
Society of Petroleum Engineers	www.spe.org
United Kingdom Petroleum Industry Association	www.ukpia.com

