

CENG0016: Process Plant Design Project

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1

Towler GP, Sinnott RK. Chemical engineering design: principles, practice, and economics of plant and process design. 2nd ed. Oxford: : Butterworth-Heinemann 2013.
<https://www.sciencedirect-com.libproxy.ucl.ac.uk/book/9780080966595/chemical-engineering-design>

2

prepared by a staff of specialists under the editorial direction of editor-in-chief, Don W. Green, late editor, Robert H. Perry, editor. Perry's chemical engineers' handbook. 8th ed. New York: : McGraw-Hill 2008.
<http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780071593137>

3

Huvarad GS, Felder RM. Elementary principles of chemical processes: Student workbook. 2005 ed. with integrated media and study tools. Hoboken, N.J.: : Wiley 2005.

4

Henley EJ, Seader JD, Roper DK. Separation process principles. 3rd ed., International student version. Hoboken, N.J.: : Wiley 2011.

5

Liptak BG. Chapter 1.1 (Pages 4-30): Instrument Engineers' Handbook. CRC Press 27AD. 4-30.
<https://books.google.co.uk/books?id=a05NAvaqfcUC&printsec=frontcover#v=onepage&q&f=false>

6

Sutton I. Plant design and operations. Second edition. Oxford: : Gulf Professional Publishing 2017. <http://app.knovel.com/hotlink/toc/id:kpPDOE0001/plant-design-and>

7

Towler G, Sinnott RK. Chapter 5 (Pages 251-257): Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design. Elsevier Science 2012. 251-7. <https://www.sciencedirect-com.libproxy.ucl.ac.uk/book/9780080966595/chemical-engineering-design>

8

Hall S. Chapter 17 (Pages 291-295, 337-346): Rules of thumb for chemical engineers. 5th ed. Oxford: : Butterworth-Heinemann 2012. <http://app.knovel.com/hotlink/toc/id:kpRTCEE002/rules-of-thumb>

9

Mayer FA. A P&ID standard: What, why, how? ISA Transactions Published Online First: 2002. https://ac.els-cdn.com/S0019057807600962/1-s2.0-S0019057807600962-main.pdf?_tid=be7f8f70-02b2-11e8-b27f-00000aabb0f01&acdnat=1516982916_e19ded433853d2e5b6b1339b51660c22

10

Coker AK, Ludwig EE. Sections 1.14 - 1.16: Ludwig's applied process design for chemical and petrochemical plants: Volume 1. Amsterdam: : Elsevier Gulf Professional Pub <http://app.knovel.com/hotlink/toc/id:kpLAPDCPP1/ludwigs-applied-process>

11

Beverly RP, American Water Works Association. Pump selection and troubleshooting field guide. Denver, Colo: : American Water Works Association <http://app.knovel.com/hotlink/toc/id:kpPSTFG001/pump-selection-and>

12

Svrcek WY, Mahoney DP, Young BR. A real time approach to process control. Third edition.

Chichester, West Sussex, United Kingdom: : John Wiley & Sons Inc 2014.
<https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=4037756>

13

Luyben WL. Chemical Reactor Design and Control. Hoboken, NJ, USA: : John Wiley & Sons, Inc. 2007. doi:10.1002/9780470134917

14

Luyben WL. Chapter 1: Distillation Control. In: Distillation. Elsevier 2014. 1–35.
doi:10.1016/B978-0-12-386876-3.00001-6

15

Mannan S, Lees FP. Lee's loss prevention in the process industries: hazard identification, assessment, and control. Boston: : Butterworth-Heinemann 2012.
<http://app.knovel.com/hotlink/toc/id:kpLLPPIVH2/lees-loss-prevention>

16

Marszal EM, Scharpf EW. Safety integrity level selection: systematic methods including layer of protection analysis. Research Triangle Park, NC: : Instrumentation, Systems, and Automation Society <http://app.knovel.com/hotlink/toc/id:kpSILSSMI4/safety-integrity-level>