

DAFTAR PUSTAKA

- Alibaba. (n.d.). *Find quality Manufacturers, Suppliers, Exporters, Importers, Buyers, Wholesalers, Products and Trade Leads from our award-winning International Trade Site. Import & Export on alibaba.com*. Diakses pada Agustus 2024, dari <https://www.alibaba.com/>
- Aparicio, L. M., & Dumesic, J. A. (1994). *Ammonia synthesis kinetics: surface chemistry, rate expressions, and kinetic analysis*. Topics in Catalysis, 1, 233-252.
- Aries, R. S., & Newton, R. D. (1955). *Chemical Engineering Cost Estimation*. New York: McGraw-Hill.
- Brown, G. G., Katz, D., Foust, A. S., & Schneidewind, C. (1950). *Unit Operation*. New York: John Wiley and Sons, Inc.
- Brownell, L. E., & Young, E. H. (1959). *Process equipment design: vessel design*. New York: John Wiley & Sons.
- Center for Chemical Process Safety (CCPS). (2001). *Layer Of Protection Analysis*. Wiley-AIChE.
- Couper, J. R., Penney, W. R., Fair, J. R., & Walas, S. M. (2005). *Chemical Process Equipment Selection and Design*. Burlington: Elsevier Inc.
- Coulson, J. M., Sinnott, R. K., & Richardson, J. F. (1983). *Chemical Engineering: An Introduction to Chemical Engineering Design: Volume 6*. Pergamon Press.
- Crowl, D. A., & Louvar, J. F. (2011). *Chemical Process Safety: Fundamentals with Applications* (3rd ed.). Pearson Education.
- Crews, G. M., Ripperger, W., Kersebohm, D. B., Seeholzer, J., & Güthner, T. (2001). *Melamine and Guanamines*. Ullmann's Encyclopedia of Industrial Chemistry. https://doi.org/10.1002/14356007.a16_171
- Evans, F. L. (1979). *Equipment design handbook for refineries and chemical plants (Vol. 1)*. Gulf Publishing Company.
- Fayed, M. E., & Skocir, T. S. (1996). *Mechanical Conveyors: selection and operation*. https://openlibrary.org/books/OL1014140M/Mechanical_conveyors
- Fawcett, H. H., & Wood, W. S. (1982). *Safety and accident preventions in chemical operations* (2nd ed.). John Wiley & Sons.



UNIVERSITAS
GADJAH MADA

Prarancangan Pabrik Melamin dari Urea Kapasitas 50.000 ton/tahun
AINNAYA NOOR SAFIRA PARAMESWARI, Ir. Rochim Bakti Cahyono, ST., M.Sc., Ph.D., IPM.
Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Green, D. W., & Southard, M. Z. (2018). *Perry's Chemical Engineers' Handbook, 8th Edition*. McGraw Hill Professional.
- Guenther, H. (1964, April 20). *US3336310A - Production of melamine from urea - Google Patents*.
<https://patents.google.com/patent/US3336310A/en>
- Kern, D. Q. (1965). *Process Heat Transfer*. New York: McGraw-Hill Book Company.
- Kern, D. Q., & Kern, D. Q. (1950). *Process heat transfer (Vol. 871)*. New York: McGraw-Hill.
- Kunii, D., & Levenspiel, O. (1991). *Fluidization engineering*. Butterworth-Heinemann.
- Levenspiel, O. (1998). *Chemical reaction engineering*. New York: John Wiley & Sons.
- Lubkowski, K., & Sciazko, A. (2020). *Iron catalyst for ammonia synthesis*. *Przemysl Chemiczny*, 99(2), 270-277.
- Matches. (2014). *Equipment Cost Index*.
<http://www.matche.com/equipcost/EquipmentIndex.html>, diakses pada Agustus 2024.
- McGraw-Hill Higher Ed. (2002). <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>, diakses pada Agustus 2024.
- Merritt, C. (2016). *Process Steam Systems*. New Jersey: John Wiley & Sons, Inc.
- Mills, D. (2003). *Pneumatic conveying design guide*. Elsevier.
- Muller-Hasky, M. (2005, May 6). *US20090076265A1 - Method for producing melamine - Google Patents*. <https://patents.google.com/patent/US20090076265A1/en>
- Mussatti, D., & Hemmer, P. (2002). *Wet Scrubbers for particulate matter*. Washington, DC, USA: Environmental Protection Agency.
- Nelik, L. (1999). *Centrifugal & rotary pumps: fundamentals with applications*. CRC Press.
- Parisher, R. A., & Rhea, R. A. (2022). *Valves*. In *PIPE DRAFTING AND DESIGN* (4th ed., pp. 87–105). Gulf Professional Publishing.
- Paynter, J. D., & Haskins, D. E. (1970). *Determination of optimal reactor type*. *Chemical Engineering Science*, 25(9), 1415-1422.
- Perry, R. H. (2008). *Perry's Chemical Engineers' Handbook* (8th ed.). New York: McGraw-Hill Book Company.
- Peters, M. S., & Timmerhaus, K. D. (1991). *Plant Design and Economics for Chemical Engineers* (4th ed.). New York: McGraw-Hill.
- Powell, S. T. (1954). *Water Conditioning for Industry* (1st ed.). Tokyo: McGraw Hill Book Co.



UNIVERSITAS
GADJAH MADA

Prarancangan Pabrik Melamin dari Urea Kapasitas 50.000 ton/tahun
AINNAYA NOOR SAFIRA PARAMESWARI, Ir. Rochim Bakti Cahyono, ST., M.Sc., Ph.D., IPM.
Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Rase, H. F., & Barrow, M. H. (1977). *Chemical Reactor Design for Process Plant*. New York: McGraw-Hill Book Company, Inc.
- Rase, H. F., & Barrows, M. H. (1957). *Project engineering of process plants*.
- Ripperger, W. (2000, September 13). WO2002022589A1 - Process for the production of high purity melamine from urea - Google Patents. <https://patents.google.com/patent/WO2002022589A1/en>
- Shamiri, A., & Aliabadi, N. (2021). *Modeling and performance improvement of an industrial ammonia synthesis reactor*. Chemical Engineering Journal Advances, 8, 100177.
- Sinnott, R. K. (1983). *Coulson & Richardson's Chemical Engineering Series: Chemical Engineering Design* (4th ed.). Chemical Engineering vol. 6. Elsevier Butterworth-Heinemann, Oxford.
- Sinnott, R. K. (1999). *Coulson & Richardson's Chemical Engineering Volume 6* (3rd ed.). Oxford: Butterworth-Heinemann.
- Sinnott, R. (2005). *Chemical Engineering Design: Chemical Engineering Volume 6*. Elsevier.
- Ulrich, G. D. (1984). *A Guide to Chemical Engineering Process Design and Economics*. New York: John Wiley & Sons, Inc.
- Wallas, S. M. (2002). *Chemical Process Equipment, Selection, and Design*. Butterworth-Heinemann Washington.
- Whitelaw, K. (2004). *Implementation of ISO 14001. ISO 14001 Environmental Systems Handbook*, 22–104. <https://doi.org/10.1016/B978-075064843-1/50004-3>
- Yaws, C. L. (1999). *Chemical Properties Handbook*. New York: McGraw-Hill Education.
- Yaws, C. L. (2003). *Yaws' Handbook of Thermodynamic and Physical Properties of Chemical Compounds: Physical, Thermodynamic and Transport Properties for 5,000 Organic Chemical Compounds*. Oxford: Elsevier.
- Young, E. H., & Brownell, L. E. (1979). *Process Equipment Design*. New York: John Wiley and Sons, Inc.