

DAFTAR PUSTAKA

- Action, C. (1996). Environmental Management Systems: An Implementation Guide for Small and Medium-Sized Organizations.
- Ali, M. A. (2002). U.S. Patent No. 6,500,992. Washington, DC: U.S. Patent and Trademark Office.
- Al-Harhi, F.S., Abasaheed, A.E. and Al-Mutaz, I.S. 2008. *Modeling and simulation of a reactive distillation unit for production of MTBE* (Doctoral dissertation, MSc Dissertation, King Saud University, Saudi Arabia).
- Aries, R.S. and Newton, R.D., 1955, CHEMICAL ENGINEERING COST ESTIMATION, McGraw Hill Companies, Inc., New York, available at: <https://doi.org/10.1021/ed033p194.1>.
- Badan Pusat Statistik. 2023. "Statistik Indonesia 2023". Badan Pusat Statistik, Jakarta.
- Badan Pusat Statistik Kota Bontang. 2022. "Berita Resmi Statistik Keadaan Ketenagakerjaan Kota Bontang Agustus 2022". Badan Pusat Statistik Kota Bontang.
- Badan Pusat Statistik [BPS]. 2024. Suku Bunga Kredit Rupiah Menurut Kelompok Bank, 2024: Badan Pusat Statistik (BPS – Statistics Indonesia).
- Berk, Z. (2018). Food process engineering and technology. Academic press.
- Brown, G. 1950. Unit operation. New York: John Wiley & Sons.
- Brownell, L. E., & Young, E. H. (1979). *Equipment Design Handbook*. New York: John Wiley and Sons, Inc.
- Chauvel, A., & Lefebvre, G. 1989. Petrochemical Process v.1 Syntheses-Gas Derivatives and Major Hydrocarbons.
- DEPARTMENT OF LABOR WASHINGTON DC OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. (1994). Process Safety Management.
- Dupont Product Data Sheet. 2023. DuPont™ AmberLyst 15WET Polymeric Catalyst.
- Global Asset Protection Services LLC., 2015, GAPS Guidelines OIL AND CHEMICAL PLANT LAYOUT AND SPACING.
- Goodwin Jr, J. G., Natesakhawat, S., Nikolopoulos, A. A., & Kim, S. Y. 2002. Etherification on zeolites: MTBE synthesis. *Catalysis Reviews*, 44(2), 287-320. <https://doi.org/10.1081/CR-120003496>

Hamid, H., & Ali, M. A. (Eds.). 2004. Handbook of MTBE and other gasoline oxygenates. CRC Press.

Keputusan Gubernur Kalimantan Timur Nomor 561/K.850/2022 tentang Penetapan Upah Minimum Kota Bontang 2023

Kern, D. Q. (1965). *Process Heat Transfer*. New York: McGraw-Hill Book Company.

Majid, W.S. 2020. "Kota Bontang dan Upaya Menuju Gas City di Indonesia". Diakses pada tanggal 4 November 2023 pukul 20.35 WIB.

<https://www.djkn.kemenkeu.go.id/artikel/baca/13262/>

Miracca, I., Tagliabue, L., & Trotta, R. 1996. Multitubular reactors for etherifications. *Chemical engineering science*, 51(10), 2349-2358. [https://doi.org/10.1016/0009-2509\(96\)00091-7](https://doi.org/10.1016/0009-2509(96)00091-7)

Obenaus, F., Droste, W., & Neumeister, J. (2012). Butenes. Ullmann's encyclopedia of industrial chemistry.

Ott, J., Gronemann, V., Pontzen, F., Fiedler, E., Grossmann, G., Kersebohm, D. B., ... & Witte, C. (2012). Methanol. Ullmann's encyclopedia of industrial chemistry.

Peters, U., et.al., 2005. Methyl Tert-Butyl Ether (MTBE). Ullmann's encyclopedia of industrial chemistry.

Pal, R., Sarkar, T., & Khasnobis, S. (2012). Amberlyst-15 in organic synthesis. *Arkivoc*, 2012(1), 570-609.

Perry, R.H. and Green, D.W., 1997, Perry's Chemical Engineers Handbook (7th Edition).

Powell, S.T., 1954, WATER CONDITIONING FOR INDUSTRY (First Edition), McGraw-Hill, Inc.

Richardson, C. 1993. Chemical Engineering Design (4th ed.). Oxford: Butterworth-Heinemann.

Seider, W. D., Lewin, D. R., Seader, J. D., Widagdo, S., Gani, R., & Ng, K. M. (2017). *Product and process design principles: synthesis, analysis, and evaluation*. John Wiley & Sons.

Simanjuntak, J. 2023. "Gempa M 4,4 Guncang Kota Bontang Kalimantan Timur". Diakses pada tanggal 6 November 2023 pukul 13.51 WIB.

<https://nasional.okezone.com/read/2023/06/06/337/2825707/gempa-m-4-4-guncang-kota-bontang-kalimantan-timur>

Sinnott, R. (2005). Chemical Engineering Design: Chemical Engineering Volume 6. Elsevier.

Sinnott, R. and Towler, G., 2019, Chemical Engineering Design, Chem. Eng. Des. SI Ed., available at: <https://doi.org/10.1016/B978-0-08-102599-4.09980-X>.

- Tchobanoglous, G., L. Burton, F. and Stensel, D.H., 2003, *Wastewater Engineering: Treatment and Reuse* (Fourth Edition), McGraw Hill Companies, Inc.
- Timmerhaus, K. D., & Peter, M. S. (2003). *Plant Design and Economics for Chemical Engineers*. New York: Mc.Graw Hill Book Company Inc.
- Trevalle, G., Buzzi, G., 1982. *Process for the separation of methyl tert-butyl ether from reaction mixtures containing it* (European Patent No. EP0078422B1). European Patent Office.
<https://patents.google.com/patent/EP0078422B1/en>
- Treybal, R.E., 1980, *MASS-TRANSFER OPERATIONS*, edited by Carberry, J.J., Fair, J.R., Peters, M.S., Schowalter, W.R. and Wei, J., McGraw-Hill, Inc.
- Ulrich, G.D., 1984, *A Guide to Chemical Engineering Process Design and Economic*, John Wiley & Sons, Inc.
- United Comtrade Database. 2021. Diakses pada tanggal 4 November 2023 di <https://comtradeplus.un.org/>
- United States Environmental Protection Agency (EPA). 2016. "Methyl Tertiary Butyl Ether (MTBE)".
- Wentzheimer et al., 1980. *Production of Tertiary Butyl Methyl Ether* (U.S. Patent No. 4,198,530). U.S. Patent and Trademark Office.
<https://patents.google.com/patent/US4198530A/en>
- Willey, R.J., 2014, *Layer of Protection Analysis*, *Procedia Eng*, Vol. 84, Elsevier Ltd, pp. 12–22.
- Windsor, B., 2016, *Ion Exchange Design – Hand Calculation*.
- Yap, T. 2017. "Chemical profile: Asia MTBE". ICIS Chemical Business. Diakses pada tanggal 9 November 2023 pukul 21.40 WIB. <https://www.icis.com/subscriber/icb/chemicalprofile>
- Yaws, Carl L., 1999, *Chemical Properties Handbook*, McGraw-Hill, New York.