



#### DAFTAR PUSTAKA

- American Water Works Association (2012), *Water Treatment Plant Design*, 5<sup>th</sup> ed. New York: McGraw Hill.
- Badan Meteorologi dan Klimatologi. (2025, May 25). *Prakiraan Cuaca Kota Cilegon*. <https://www.bmkg.go.id>.
- Badan Pusat Statistik. (2025, May 24). *Data Ekspor Impor Nasional*. <https://www.bps.go.id/id/exim>.
- BPS. (2025, May 25). *Tabel Dinamis Kependudukan*. [www.cilegonkota.bps.go.id/id/query-builder](http://www.cilegonkota.bps.go.id/id/query-builder).
- BPS Statistik. (2023). *BPS Statistik*. 2019-2023.
- Brownell, Lloyd, E. dan Young, Edwin, H. (1959) *Process Equipment Design*, John Wiley. New York.
- Chohey, Nicolas, F. (2004) *Handbook of Chemical Engineering Calculations*. 3 ed, McGraw-Hill. 3 ed. New York: McGraw - Hill.
- Chohey, Nicolas, F. (2004) *Handbook of Chemical Engineering Calculations*. 4 ed, McGraw-Hill. 4 ed. New York: McGraw - Hill.
- Donald Q.Kern (1965). *Process Heat Transfer*. New York: McGraw-Hill
- Foust, Alan, S. et al. (1959) *Principles of unit operations*, ScienceAndersen. John Wiley and Sons, Inc. New York.
- Geankoplis, C, J. (2003) *Transport Processes and Unit Operations*. Third, Prentice-Hall International. New York
- Himmelblau, D.M. dan Riggs, J.B. (1996) “Basic principles and calculations in chemical engineering seventh edition,” Prentice Hall International Series in the Physical and Chemical Engineering Sciences. New York
- Joshi, M.F. (1976). *Process Equipment Design*. London: Macmillan.
- Kementerian Kesehatan Republik Indonesia, (2025), *Profile Kesehatan Indonesia*.
- Lamb, H. (2011), *Hydrodynamic*. Cambridge: Cambridge University Press
- Ludwig, E. E. (1999). *Applied Process Design for Chemical and Petrochemical Plants*. 3 ed. Vol.1. Houston : Gulf Publishing Company.



## PRA RANCANGAN PABRIK

### “PABRIK PROPILEN DARI PROPANA DENGAN PROSES DEHIDROGENASI”

---

- Luttrell, W. E., & Giles, N. P. (2016). Propylene. In *Journal of Chemical Health and Safety* (Vol. 23, Issue 2, pp. 34–36). Elsevier Inc. <https://doi.org/10.1016/j.jchas.2016.02.005>
- Market Place. (2025). *PT. ESSA Propana*.
- Market Research Report. (2025, May 24). *Market Research Report*.
- McCabe, Warren, I. Smith, Julian, C, dan Harriot, P. (2005) Unit Operation of Chemical Engineering, McGraw-Hill. New York.
- Nawaz, Z. (2015). Light alkane dehydrogenation to light olefin technologies: A comprehensive review. In *Reviews in Chemical Engineering* (Vol. 31, Issue 5, pp. 413–436). Walter de Gruyter GmbH. <https://doi.org/10.1515/revce-2015-0012>
- Patent, U. S. (2007). *Production Of Propylene From Steam Cracking Of Hydrocarbons, Particularly Ethane*.
- Perry, Roberty, H. (2018) Perry's Chemical Engineerin's Handbook. 8 ed., W.Green, Don. New York: Mc Graw Hill
- Perry, Roberty, H. (2019) Perry's Chemical Engineerin's Handbook. 9 ed., W.Green, Don. New York: Mc Graw Hill.
- Peters, M. S. dan Timmerhaus, K. D. (1991) Plant Design and Economics for Chemical Engineers, McGraw-Hill. New York.
- Pertamina. (2007). *Pertamina Material Safety Data Sheet*.
- Pertamina. (2017). *PERTAMINA SAFETY DATA SHEET PROPYLEN*.
- Pertamina. (2025). *Pertamina Energy Terminal tuban*.
- PT. Pertamina. (2025). *PT PERTA SAMTAN GAS*.
- Purwanti, T. (2024). *Terminal LPG Tanjung Sekong Kian Hijau & Andal Jaga Ketahanan Energi*.
- Reuters. (2011). *Chandra Asri to build LPG terminal in Indonesia*.
- Sathir. (2025). *Karakteristik Teknis Al<sub>2</sub>O<sub>3</sub>*. <https://sathir.com/jual-aluminium-oxide/>
- Seader, J, D., Henley, Ernest, J. dan Roper, D, K. (2011) Separation Process Principles, John Wiley. New York.



## PRA RANCANGAN PABRIK

### “PABRIK PROPILLEN DARI PROPANA DENGAN PROSES DEHIDROGENASI”

---

- Smith, J.M. (2018) Introduction to Chemical Engineering Thermodynamics, McGraw-Hill. New York.
- Sugiharto. (2008). Dasar-Dasar Pengolahan Air Limbah. Jakarta:UIPress.
- Ulrich Gael D. (1984) A Guide to Chemical Process Design Engineering And Economics. New York: John Wiley.
- UN Comtrade. (2025, June 22). *Ekspor Propilena Indonesia*. [Www.Uncomtrade.Com](http://www.uncomtrade.com).
- Underwood, A. L and Day, R.A. (2002). Analytical Chemistry. 6<sup>th</sup> ed. New Jersey:Prentice Hall.
- Walas, S.M. (1990) Chemical process equipment: Selection and design, Butterworth-Heinemann. New York.
- Winardi, W., Priyarsono, D. S., Siregar, H., & Kustanto, H. (2019). Peranan Kawasan Industri dalam Mengatasi Gejala Deindustrialisasi. *Jurnal Ekonomi Dan Pembangunan Indonesia*, 19(1), 84–95. <https://doi.org/10.21002/jepi.2019.05>
- Yaws, C.L. (1999) Chemical Properties Handbook. New York: McGraw - Hill.
- Yaws, C.L. (2015) The Yaws Handbook of Vapor Pressure, Elsevier. New York.