



#### DAFTAR PUSTAKA

- Badan Pusat Statistik, 2024. “Data Ekspor dan Impor Formaldehid di Indonesia Tahun 2020-2024
- Badan Standardisasi Nasional. (2010). *SNI 2801:2010 – Pupuk Urea*. Jakarta: BSN.
- Babkina, T., & Kuznetsov, A. (2010). *Phase equilibria in binary subsystems of urea–biuret–water system*. *Journal of Thermal Analysis and Calorimetry*, 101(1), 33–37. <https://doi.org/10.1007/s10973-010-0829-2>
- Carlessi, L., & Gianazza, A. (2008). Enhanced process for the synthesis of urea (International Patent Publication No. WO2008/141832 A1). World Intellectual Property Organization. <https://patents.google.com/patent/WO2008141832A1/en>
- Dwiputro, M. I., Nawasanjani, A., Renanto, R., & Anugraha, R. P. 2021. Pra desain pabrik urea dari amonia dan CO<sub>2</sub> berbasis proses Stamicarbon CO<sub>2</sub> stripping. *Jurnal Teknik*
- Inoue, S., Kamakura, H., Ono, H., & Fujii, H. (1982). Process for synthesizing urea (U.S. Patent No. 4,354,040). United States Patent and Trademark Office. <https://patents.google.com/patent/US4354040A/en>
- Jonckers, K., & Messen, J. H. (2001). Process for the preparation of urea (United States Patent Application No. US2001/0041813 A1). U.S. Patent and Trademark Office. <https://patents.google.com/patent/US20010041813A1/en>
- Pandey, D. R. 2009. *Modern Urea Manufacturing Process and Its Environmental Impact*.
- Perry, R. H., & Green, D. W. 2008. *Perry's Chemical Engineers' Handbook* (8th ed.). McGraw-Hill Book Company.
- Petrokimia Gresik, 2019. Product Specification PT. Petrokimia Gresik. <https://petrokimia-gresik.com/product/bahan-kimia>
-



## PRA RANCANGAN PABRIK

### “Pabrik Urea dengan Proses Stamicarbon CO<sub>2</sub> Stripping”

---

- Riegel, J. 2019. *Chemical Process Technology Handbook*. McGraw-Hill Education.
- Snamprogetti S.p.A. (1982). *Ammonia Stripping Urea Process Description*. Saipem Technical Bulletin.
- Ullmann's Encyclopedia of Industrial Chemistry. 2002. (Vol. A11). VCH Verlagsgesellschaft.
- Mane, M. M., Pathan, S. A., & Patil, B. S. (2022). Optimization of the urea reactor performance using Aspen Plus. *Chemical Engineering Communications*. <https://doi.org/10.1515/chem-2022-0157>
- Zardi, U., & Lagana', V. (1982). Method for the production of urea an purification of water (U.S. Patent No. 4,314,077). United States Patent and Trademark Office. <https://patents.google.com/patent/US4314077A/en>
- Zhang, Y., Chen, G., & Xu, H. (2004). Steady-state simulation of urea synthesis loop using electrolyte UNIQUAC equation. *Chemical Engineering Journal*, 99(2), 165–174. <https://doi.org/10.1016/j.cej.2004.03.006>