



## **PRA RANCANGAN PABRIK**

### **“NATRIUM KARBONAT (SODA ASH) MENGGUNAKAN PROSES SOLVAY”**

---

#### **DAFTAR PUSTAKA**

- AWWA. 1991, “Coagulant Recovery: A Critical Assessment”, 3<sup>th</sup> edition, America Water Works Association, United States of America.
- Badan Pusat Statistik 2023, *Buletin Statistik Perdagangan Luar Negeri Ekspor dan Impor*, BPS, Jakarta.
- Badan Pusat Statistik kabupaten Gresik 2023, *Buletin Statistik tingkat pengangguran terbuka*, BPS, Gresik.
- Badan Standarisasi Nasional 2023, Dokumen SNI Natrium Karbonat, BSN, Jakarta.
- Badger and Banchero, *Introduction to Chemical Engineering*, Mc Graw Hill Book Company, Tokyo, 1955.
- Brownel and Young, “Process Equipment Design”, Wiley Estern Limited, New Delhi, 1959.
- Crowl, D. & Joseph, L., 2002, *Chemical Process Safety Fundamentals with Applications*, 2<sup>nd</sup> Edition, Prentice Hall PTR, New Jersey
- Dinas Pertambangan dan Energi. 2023, “Lokasi Kabupaten Tuban Pegunungan Kapur”. (<http://www.palang.desa.id/>)
- Geankoplis, C.I, 2014, *Transport Process and Unit Operation* 2<sup>nd</sup> edition, Allyn and Bacon, Inc., Boston.
- Himmelblau, D.M., 1989, “Basic Principles and Calculutions in Chemical Engineering”, 5<sup>th</sup> edition, Prentice-Hall International, Singapore
- Joshi, M.V., 1981, *Process Equipment Design*, Professor of Engineering Departement of Chemical Technology University of Bombay.
- Kementrian Perindustrian 2023, *Buletin Berita Industri*, Kemenperin RI, Jakarta
- Kern Donald D, 1988, “Process Heat Transfer”, Mc Graw Hill Book Company, Singapore.
- Ludwig, 1977, *Applied Process Design for Chemical and Petrochemical Plants*, Vol 1-2 2<sup>nd</sup> ed, Gulf Publishing CO., Houston, Texas.
- Maudina Y. 2022, ‘Desain proyek pabrik soda ash menggunakan proses solvay kapasitas 170.000 ton/tahun’, *Jurnal Tugas Akhir Teknik Kimia*, Vol. 1, No. 1.



## **PRA RANCANGAN PABRIK**

### **“NATRIUM KARBONAT (SODA ASH) MENGGUNAKAN PROSES SOLVAY”**

- 
- Mc.Cabe, W.L., Smith, J.C., Harriot, P., 2005, Unit Operation of Chemical Engineering 7<sup>th</sup> edition, Mc Graw-Hill, New York.
- Minallah, M. F., Taufany, F., & Altway, A. 2017, Desain Pabrik Sodium Karbonat Dari CO<sub>2</sub> Flue Pabrik Semen. Jurnal Teknik ITS, 6(1), 5–7.
- Nevers, N, 2012, physical and chemical equilibrium for chemical engineers”, 2<sup>nd</sup> edition, John Wiley and Sons, Inc, Hoboken, New Jersey.
- Perry, R.H., Green, D.W. 2019, Perry’s Chemical Engineers Handbook 9<sup>th</sup> Edition, McGraw Hill Education, New York.
- Peters, M. S & Timmerhaus, K. D 2003, *Plant Design And Economics For Chemical Engineers*, McGraw Hill, New York.
- Peters, M. S & Timmerhaus, K. D. 2003, Plant Design And Economics For Chemical Engineers, McGraw Hill, New York.
- Presiden Republik Indonesia 2021, Peraturan Pemerintah Republik Indonesia Nomor 71 Tahun 2021 Tentang Kawasan Ekonomi Khusus Gresik, Presiden Republik Indonesia, Kementerian Sekretariat Negara Republik Indonesia, Jakarta.
- Robert Perry, 1974, “Perry Chemical Engineering hand Book” 5<sup>th</sup> edition, Mc Graw Hill Book Company, Inc, New York.
- Robert Perry, 1980, “Perry Chemical Engineering hand Book” 6<sup>th</sup> edition, Mc Graw Hill Book Company, Inc, New York.
- Robert Perry, 1997, “Perry Chemical Engineering hand Book” 8<sup>th</sup> edition, Mc Graw Hill Book Company, Inc, New York.
- Robert Perry, 1999, “Perry Chemical Engineering hand Book” 7<sup>th</sup> edition, Mc Graw Hill Book Company, Inc, New York.
- Seguela P. 1968, *Process for The Manufacture of Sodium Carbonate*, United States Patent Office, Zurich.
- Severns, William H., and Howard E. Degler 1948, “Steam Air dan Gas Power”, 4<sup>th</sup> edition, John Wiley and Sons, Inc, New York.
- Ullmann. 2007 “Ullmann’s Encyclopedia of Industrial Chemistry”, 6<sup>th</sup> Edition, Vol. 33, Wiley-VCH.
-



## **PRA RANCANGAN PABRIK**

### **“NATRIUM KARBONAT (SODA ASH) MENGGUNAKAN PROSES SOLVAY”**

- 
- Ulrich, G.D., 1984, A Guide to Chemical Engineering Process Design and Economics, John Wiley & Sons, New York.
- Van Ness, H.C., Smith J.M., 1987. “Introduction to Chemical Engineering Thermodynamics”, 5<sup>th</sup> ed Mc Graw Hill Book Company, New York.
- Wagialla, K.M., Al-Mutaz, I.S., El-Dahshan, M.E. 1992. The Manufacture of Soda Ash in The Arabian Gulf. International Journal of Production Economics 27, pp. 145-153.
- Wisniak, J. 2003. Sodium carbonate - From natural resources to Leblanc and back. Indian Journal of Chemical Technology, 10(1), 99–112.
- Yaws, C.L., 1999 “Chemical Properties Handbook”, Mc Graw Hill Book Company, Inc, New York.