



PRA PERANCANGAN PABRIK  
PABRIK SODIUM SILICATE DARI SODIUM HYDROXIDE DAN  
SILICON DIOXIDE DENGAN HYDROTHERMAL PROCESS

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**DAFTAR PUSTAKA**

- Austin, George T., 1975, Shreve's Chemical Process Industries 5<sup>th</sup> edition, Mc Graw Hill Book Company, Singapore
- Badan Pusat Statistik Republik Indonesia. 2021. [www.bps.go.id](http://www.bps.go.id), diakses tanggal 10 Juni 2023
- Badger, W.L & Banchero, J.L 1957. Introduction To Chemical Engineering. Australia : McGraw-Hill.
- Brown, G.G 1961. Unit Operations. New Delhi : CBS Publishers & Distributors
- Brownell, L.E and Young. E.H. 1959. Process Equipment Design 3ed. New York : John Wiley & Sons.
- Coulson, J., M and Richardson, J. F., 1989, Chemical Engineering vol. 6, Pergamon Press, Inc., New York
- Dean, J.A. 1999. Lange's Hand Book of Chemistry 5th Edition. New York : Mc. Graw-Hill Inc.
- EP 0 306 828 B1, 2008, "Process for Producing Hydrothermal Water Glasses", *Europe Patent Specification*, Europe
- Geankoplis. Christie. J. 1993. Transport Processes and Unit Operation 3 ed. New Jersey : Allyn & Bacon Inc
- Hesse, Herman C. 1995. Process Equipment Design 7th Edition. New York : D van Nostrand,Co
- Himmelblau, D.M & Riggs, J.B 2004. Basic Principles and Calculations In Chemical Engineering. United States : Prentice Hall Professional Technical Reference
- Hougen, O.A., Watson, K.M & Ragatz, R.A 1952. Chemical Process Principles. New York : John Wiley & Sons, Inc
- Hugot, E 1960. Handbook of Cane Sugar Engineering. New York : Elsevier Publishing Company
- Joshi,M.V. 1981. Process Equipment Design. New York : McGraw-Hill Indian Ltd.
- Kementerian Perindustrian Republik Indonesia (Kemenperin RI) 2023, (<https://kemenperin.go.id/direktori-perusahaan>), Diakses pada tanggal 12



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### PABRIK SODIUM SILICATE DARI SODIUM HYDROXIDE DAN SILICON DIOXIDE DENGAN HYDROTHERMAL PROCESS

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Juni 2023.

Kern, D. Q. 1983. *Procces Heat Transfer*. New York : McGraw-Hill Book Company.

Keyes 1995, *Industrial Chemicals* 4<sup>th</sup> edition. New York: John Wiley and Sons Inc.

Kirk, K. E. and Othmer, D. F 1997. *Encyclopedia of Chemical Technology* 4 edition Volume 22. The Interscience Encyclopedia, John Willey and Sons, Inc. New York

Ludwig, E, 1964, *Applied Process Design For Chemical And Petrochemical Vol I*. Houston Texas : Gulf publishing Co.

Mc Cabe and Smith. 1993. *Unit Operation of Chemeccical Engineering* ed 5. New York : Mc Graw Hill.

MSDS 2020, Liquid Sodium Silicate, *Lembar Data Keselamatan MSDS Umum*, Eropa:Supelco

National center for Chemical Information. Hydrochloric Acid PubChemCompound Database. <https://pubchem.ncbi.nlm.nih.gov/compound/Hydrochloric-acid>. Diakses pada tanggal 9 Juni 2023

Perry, Robert H. dan Dow W. Green. 1973. *Chemical Engineering HandBook* 5<sup>th</sup> Edition. New York: McGraw-Hill Book Company.

Perry, Robert H. dan Dow W. Green. 1984. *Chemical Engineering HandBook* 6<sup>th</sup> Edition. New York: McGraw-Hill Book Company.

Perry, Robert H. dan Dow W. Green. 1997. *Chemical Engineering HandBook* 7<sup>th</sup> Edition. New York: McGraw-Hill Book Company.

Perry, Robert H. dan Dow W. Green. 1997. *Chemical Engineering HandBook* 8<sup>th</sup> Edition. New York: McGraw-Hill Book Company.

Severn, W.H. & Friend. 1964. *Steam, Air and Gas Power* 4th Edition. New York : John Wiley and Sons Inc.

Smith, J.M & Van Nes, H.C. 1975. *Introduction to Chemical Engineering Thermodynamics* 3 ed. New York : McGraw-Hill Inc.

Suratman, Handayani S. 2014, 'Beneficiation Of Sambiroto Silica Sand By Chemical and Biological Leachings', *Indonesian Mining Journal*, Vol. 17, No. 3, hh 138



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Ulrich, D. Gael. 1984. A Guide To Chemical Engineering Procces Design And Economics. Canada : John Wiley & Sons Inc.

Vogel 1985, Teks Analisis Anorganik Kualitatif Makro dan Semimakro 5<sup>ed</sup>, Kalman Media Pustaka, Jakarta