



Pra Rencana Pabrik
“Pabrik Esterquat dari Asam Lemak dan Trietanolamin
dengan Proses Esterifikasi - Kuartenerisasi”

DAFTAR PUSTAKA

- Badan Pusat Statistik, 2025, Data Kebutuhan Ekspor-Import *Esterquat* di Indonesia, Badan Pusat Statistik (BPS), Jakarta.
- Brownell, L.E. and Young E.H., 1959, “Process Equipment Design”, John Wiley and Sons Inc. : Canada.
- Coulson, J.M., and Richardson, J.F., "Chemical Engineering Design ", 6nd Ed., vol 6, Pergamon Press, Oxford, 1983.
- Geankoplis, Christie J. 1997. Transport Processes and Unit Operation, ed 3. New Delhi.
- Hesse Herman C, Henry Roushion. Process Equipment Design. cet 8. Van Nostrand, New Jersey.
- Himmelblau, D. and Riggs, 2004, “Basic Principles of Calculations in Chemical Engineering 7th ed., Pearson Education : America.
- Joshi, M.V. 1981. Process Equipment Design. McGraw Hill Company Ltd, 1981.
- Kern D. Q., 1965, “Process Heat Transfer”, McGraw-Hill International Book Company : Japan.
- Ludwig, E. 1964. Applied Preprocess Design For Chemical And Petrochemical, Vol I. Gulf publishing Co, Houston Texas.
- McCabe and Smith. 1993. Unit Operation of Chemical Engineering ed 5. Mc Graw Hill.
- Mujiburohman, M. 2022, Perancangan Alat Proses, Muhammadiyah University Press, Surakarta.
- Perry R. H., 1997, “Perry’s Chemical Engineers Handbook 7th ed.”, McGraw-Hill Book Company: Kansas.
- Peter M. S., and Timmerhaus K. D., 1991, “Plant Design and Economics for Chemical Engineers”, McGraw-Hill Inc : New York.
- Severn W. H. et al., “Steam, Air and Gas Power”, John Wiley and Sons Inc: New York.



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Smith, J.M., and Van Ness, H.C., 1975, Introduction to Chemical Engineering Thermodynamics, Mc Graw Hill Book co., Inc., New York.

Ulrich, G.D., 1984, “A Guide to Chemical Engineering Process and Design and Economics” John Wiley and Sons Inc. : Canada.

US Patent 0002298 A1 – Process for the Production of Esterquats.

Yaws, Carl L., 1999, Chemical Properties Handbook, McGraw-Hill, New York.