

DAFTAR PUSTAKA

Arachchige, U. S. P. R. dan Melaaen, M. C. (2012) "Selection of Packing Material for Gas Absorption," *European Journal of Scientific Research*, 87, hal. 117–126.

Aspen Technology (1998) *Aspen Plus Reference Manual Unit Operation Models*.

Aspentech (2001) *Aspen Plus Reference Manual, Aspen Physical Property System, Physical Property Methods and Models 11.1*. Aspen Technology, Inc.

Aspentech (2014) *Rate-Based Model of the CO₂ Capture Process by DEA using Aspen Plus*. Aspen Technology, Inc.

Astarita, G. dan Savage, D. W. (1981) "Promotion of CO₂ mass transfer in carbonate solutions," *Chemical Engineering Science*, 36, hal. 581–588.

Borhani, T. N. G. *et al.* (2015) "Rate-based simulation and comparison of various promoters for CO₂ capture in industrial DEA promoted potassium carbonate absorption unit," *Journal of Industrial and Engineering Chemistry*.

Coker, A. K. (2010) *Ludwig's Applied Process Design for Chemical and Petrochemical Plants*. 4 ed. Elsevier Inc.

GPSA (2004) *Engineering Data Book*.

Hartanto, Y., Adhi, T. P. dan Indarto, A. (2015) "Evaluasi Keseimbangan Kelarutan Gas Karbon Dioksida (CO₂) dalam Pelarut Alkanolamina Menggunakan Simulator Proses," *Jurnal Teknik Kimia USU*, 4.

Kidnay, A. J. dan Parrish, W. R. (2006) *Fundamental of Natural Gas Processing*. Taylor & Francis Group.

Kohl, A. L. dan Nielsen, R. B. (1997) *Gas Purification*. Fifth Edit. Gulf Publishing Company.

Maddox, R. N., Bhairi, A. H. dan Diers, J. R. (1987) *Equilibrium Solubility of Carbon Dioxide or Hydrogen Sulfide in Aqueous Solutions of Monoethanolamine, Diglycolamine, Diethanolamine and Methdiethanolamine*.

Maddox, R. N. dan Elizondo, E. M. (1989) *Equilibrium Solubility of Carbon Dioxide or Hydrogen Sulfide in Aqueous Solutions of Diethanolamine at Low Partial Pressures*.

Mokhatab, S., Poe, W. A. dan Mak, J. Y. (2015) *Handbook of Natural Gas Transmission and Processing Principles and Practices*. Third Edit. Gulf Professional Publishing.

Ngu, L., Mahmoud, A. dan Sunarso, J. (2020) “Aspen Plus simulation-based parametric study of Benfield process using hot potassium carbonate promoted by diethanolamine,” *IOP Conference Series*.

Onda, K., Takeuchi, H. dan Okumoto, Y. (1968) “Mass Transfer Coefficients Between Gas and Liquid Phases in Packed Column,” *Journal of Chemical Engineering of Japan*.

PT Pupuk Kaltim (1988) *Petunjuk Operasi Pabrik Amoniak K-3*.

Rahimpour, M. . dan Kashkooli, A. . (2004) “Enhanced carbon dioxide removal by promoted hot potassium carbonate in a split-flow absorber,” *Chemical Engineering and Processing*.

Sanchez, A. P., Sanchez, E. J. P. dan Silva, R. S. (2016) “Design of a Packed-Bed Absorption Column Considering Four Packing Types and Applying Matlab,” *Nexo Revista Cientifica*, 29, hal. 83–104.

Seader, J. D., Henley, E. J. dan Roper, D. K. (2010) *Separation Process Principles*. John Wiley & Sons.

Stichlmair, J., Bravo, J. L. dan Fair, J. R. (1989) “General model for prediction of pressure drop and capacity of countercurrent gas/liquid packed columns,” *Gas Separation & Purification*, 3.

Taylor, R. dan Krishna, R. (1993) *Multicomponent Mass Transfer*. Wiley.

Treybal, R. E. (1981) *Mass-Transfer Operations*. Third Edit. McGraw-Hill Book Company.

Tseng, P. C., Ho, W. S. dan Savage, D. W. (1988) “Carbon Dioxide Absorption into Promoted Carbonate Solution,” *AIChE Journal*, 34, hal. 922–931.

Yadav, E. S. *et al.* (2020) “Simulation study of distillation column using Aspen plus,” *Materials Today:Proceeding*.

Yan, Y. dan Chen, C. C. (2010) “Thermodynamic Modeling of CO₂ Solubility in Aqueous Solutions of NaCl and Na₂SO₄,” *J. of Supercritical Fluids*.