

DAFTAR PUSTAKA

- [1] P. Fauroux and et al, “Quality of life in chronic obstructive pulmonary disease: a comparison of patients receiving long-term oxygen therapy with those not receiving it,” *Eur Respir J*, vol. 5, no. 11, pp. 892–8897, 1992.
- [2] H. Peanut, “Teknologi Pemisahan Gas Udara,” *Jurnal Teknologi Kimia Universitas Sriwijaya*, vol. 8, no. 2, pp. 117–126, 2021.
- [3] P. Castle, “A review of oxygen concentrator technology,” *Respir Care*, vol. 47, no. 10, pp. 1327–1336, 2002.
- [4] D. M. Ruthven, “Principles of adsorption and adsorption processes,” *Eng Sci*, vol. 47, no. 6, pp. 313–342, 1984.
- [5] J. M. Smith and H. Westerberg, “The chemical reaction engineering of real processes,” *McGraw-Hill*, 1990.
- [6] G. Hardavella, I. Karampinis, A. Frille, K. Sreter, and I. Rousalova, “Oxygen devices and delivery systems,” *Breathe*, vol. 15, no. 3, pp. e108–e116, Sep. 2019, doi: 10.1183/20734735.0204-2019.
- [7] P. Flecknell, “Basic Principles of Anaesthesia,” in *Laboratory Animal Anaesthesia*, Elsevier, 2016, pp. 1–75. doi: 10.1016/B978-0-12-800036-6.00001-6.
- [8] Galeri Medika, “Apa Itu Oksigen Konsentrator dan Bagaimana Cara Kerjanya.” Accessed: Oct. 23, 2023. [Online]. Available: <https://www.galerimedika.com/blog/Apa-Itu-Oksigen-Konsentrator-dan-Bagaimana-Cara-Kerjanya>
- [9] A. S. Melani, P. Sestini, and P. Rottoli, “Home oxygen therapy: re-thinking the role of devices,” *Expert Rev Clin Pharmacol*, vol. 11, no. 3, pp. 279–289, Mar. 2018, doi: 10.1080/17512433.2018.1421457.
- [10] Cranes and Machinery, “Medical Oxygen Concentrator-Oxygen therapy at home-How to use?”
- [11] D. Grande, *Chemical thermodynamics: Applications to chemical engineering*, 2nd ed. Prentice Hall, 2012.
- [12] B. Kakavandi and M. Rezazad, “Pressure Swing Adsorption (PSA) for Oxygen and Nitrogen Production,” *In Adsorption and Desorption Processes*, pp. 425–451, 2017.

- [13] M. Shokroo, S. H. Kariminia, and E. Majidian, “Pressure Swing Adsorption (PSA) Process for N₂ Production from Air: A Review,” *Ind Eng Chem Res*, vol. 55, no. 22, pp. 6045–6061, 2016.
- [14] R. Smith and M. W. Westerberg, “The fundamentals of gas adsorption. In Adsorption and desorption processes,” *Elsevier*, pp. 1–26, 1990.
- [15] Y. Gangil, D. Kurniawan, and N. Ismayanti, “Design and simulation of pressure swing adsorption process for nitrogen production,” *In AIP Conference Proceedings*, vol. 1612, no. 1, pp. 592–596, 2014.
- [16] S. Mofarahi and M. Shokroo, “Simulation of pressure swing adsorption (PSA) process for oxygen production,” *Chemical Engineering Research and Design*, vol. 89, no. 11, pp. 2263–2272, 2011.
- [17] Lin Lin, “Numerical Simulation of Pressure Swing Adsorption Proces ,” Xidian Univercity, Tiongkok, 1997.
- [18] V. D. Pratiwi, “Pengaruh Tekanan Dan Adsorben Pada Sistem Pressure Swing Adsorption (PSA) Dalam Pemurnian Hidrogen,” Institut Teknologi Sepuluh November, Surabaya, 2016.
- [19] Mc Cabe, “Unit Operation of Chemical Engineering,” Singapore: Mc Graw-Hill Book Company, 2001.
- [20] P. A. S. S. Biswas, “Modeling and Simulation for Pressure Swing Adsorption System for Hydrogen Purification,” *Chem. Biochem. Eng. Q.*, vol. 24, no. 4, pp. 409–414, 2010.
- [21] A. A. Moran, “Limits of Small Scale Pressure Swing Adsorption,” p. 196, May 2012.
- [22] R.S. kamath, I. E. Grossmann, and L. T. Biegler, “Superstructure-based Optimization for Design Optimal PSA Cycles for CO₂ Capture,” Mar. 2011.
- [23] C. A. Grande, “Advances in Pressure Swing Adsorption for Gas Separation,” *ISRN Chemical Engineering*, vol. 2012, pp. 1–13, Dec. 2012, doi: 10.5402/2012/982934.
- [24] C. A. Grande, R. Blom, K. A. Andreassen, and R. E. Stensrød, “Experimental Results of Pressure Swing Adsorption (PSA) for Pre-combustion CO₂ Capture with Metal Organic Frameworks,” *Energy Procedia*, vol. 114, pp. 2265–2270, Jul. 2017, doi: 10.1016/j.egypro.2017.03.1364.

- [25] C. Colella and A. F. Gualtieri, “Cronstedt’s zeolite,” *Microporous and Mesoporous Materials*, vol. 105, no. 3, pp. 213–221, Oct. 2007, doi: 10.1016/j.micromeso.2007.04.056.
- [26] K. Margeta and A. Farkaš, “Introductory Chapter: Zeolites - From Discovery to New Applications on the Global Market,” in *Zeolites - New Challenges*, IntechOpen, 2020. doi: 10.5772/intechopen.92907.
- [27] S.-B. Wang, “Experimental Measurement Design of Required Operating Torque for Hinged Door,” *International Journal of Innovation, Management and Technology*, vol. 5, no. 2, 2014, doi: 10.7763/IJIMT.2014.V5.494.
- [28] Z. ALOthman, “A Review: Fundamental Aspects of Silicate Mesoporous Materials,” *Materials*, vol. 5, no. 12, pp. 2874–2902, Dec. 2012, doi: 10.3390/ma5122874.
- [29] B. Budiana, “Pengaruh Suhu Pada Pembuatan Membran Keramik TiO₂ dengan Membran Keramik Zeolit Alam sebagai Pendukung, Untuk Ultrafiltrasi,” p. 11, 2016.
- [30] H. Hamdan, “Introduction to zeolites: synthesis, characterization, and modification,” Universiti Teknologi Malaysia, Kuala Lumpur, 1992.
- [31] K. Swetha, R. Kumar, and B. Himadri, “Performance evaluation of zeolite 13X in pressure swing adsorption (PSA) based air purifier,” *J Environ Chem Eng*, vol. 6, no. 2, pp. 1424–1432, 2018.
- [32] H. Lubis, “Analisis Kemurnian Oksigen Pada Pressure Swing Adsorption (PSA) Dengan Perbandingan Material Adsorben Zeolit A4 Dan A5,” Universitas Mercu Buana, Jakarta, 2023.