



## DAFTAR PUSTAKA

- [1] Badan Pengkajian dan Penerapan Teknologi (BPPT). *Outlook Energi Indonesia 2016*. Pusat Teknologi Pengembangan Sumber Daya Energi (PTSE), 2015.
- [2] Dian Fadli, Muhammad Irsyad, dan M. Dyan Susila E. S. “Kaji Eksperimental Sistem Penyimpanan Biogas dengan Metode Pengkompresian dan Pendinginan pada Tabung Gas sebagai Bahan Bakar Pengganti Gas LPG”. FEMA, 1: 42 – 48, 2013.
- [3] Zainal Zakaria dan Terry George. “The Performance of Commercial Activated Carbon Adsorben for Adsorbed Natural Gas Storage”. IJRAS, 9: 225 – 230, 2011.
- [4] J. A. Menéndez-Díaza dan I. Martín-Gullón. “Types of carbon adsorbents and their production”. *Activated Carbon Surfaces in Environmetal Remediation*, 7: 1 – 48, 2006.
- [5] Mr. Abhishankar Kumar. *Adsorbtion of Methane on Activated Carbon by Volumetric Method*. Disertasi, National Institute of Technology Rourkela, 2011.
- [6] Sudaryono. “Pemanfaatan Biogas dari Limbah Kotoran Ternak sebagai Sumber Energi Listrik Studi kasus di Desa Sutenjaya, Lembang, Jawa Barat”. *Teknik Lingkungan*: 14, 59 – 66, 2012.
- [7] Ramesh Babu Nallamothu, Abyot Teferra, dan Prof B.V. Appa Rao. Biogas Purification, Compression, and Bottling. GJEDT: 2, 34 – 38, 2013.
- [8] Armansyah H. Tambunan, Salundik, dan Mohamad Solahudin. “Aplikasi Flexibel Tank Dari Karet Sebagai Penampung Biogas Portabel”. *Prosiding Seminar Hasil-Hasil Penelitian IPB 2009*, hal. 105 – 115, Bogor, 22 – 23 Desember 2009.
- [9] Rizky Fajar Adi Putra Rambey. *Perancangan dan Pengujian Tangki Penampung Biogas Portable Berbahan Dasar Karet*. Skripsi, Departemen Teknik Pertanian, Fakultas Teknologi Pertanian, Institut Pertanian Bogor, Bogor, 2011.



- [10] D. Lozano-Castelló, D. Cazorla-Amoro´s, dan A. Linares-Solano. “Powdered Activated Carbons and Activated Carbon Fibers for Methane Storage: A Comparative Study”. *Energy and Fuels*: 16, 1321 – 1328, 2002.
- [11] Ola Eriksson. *Environmental Technology Assessment of Natural Gas Compared to Biogas, Natural Gas*, Primož Potocnik (Ed.). InTechOpen, Croatia, 2010.
- [12] Timothy D. Burchell. *Carbon Materials for Advanced Technologies First Edition*. Elsevier Science Ltd, Oxford, 1999.
- [13] Isabel A.A.C. Esteves, Marta S.S. Lopes, Pedro M.C. Nunes, dan José P.B. Mota. “Adsorption of Natural Gas and Biogas Components on Activated Carbon”. *Separation and Purification Technology*, 62: 281 - 296, 2008.
- [14] Rudy Indarto. “Adsorbed Natural Gas (ANG) Tekanan Rendah untuk Kendaraan Bermotor”. *M&E*, 10: 38 – 46, 2012.
- [15] S. Alhasan, R. Carriveau dan D. S.-K. Ting. “A review of adsorbed natural gas storage Technologies”. *International Journal of Environmental Studies*, 73: 343 – 356, 2016.
- [16] Kazi Afzalur Rahman. *Experimental and Theoretical Studies on Adsorbed Natural Gas Storage System using Activated Carbon*. Tesis, National University of Singapore, Singapore, 2011.
- [17] James L. Walsh, Jr., Charles C. Ross, Michael S. Smith, Stephen R. Harper, dan W. Allen Wilkins. *Biogas Utilization Handbook*. Engineering Technology Branch Environment, Health, and Safety Division Economic Development Laboratory, Georgia, 1988.
- [18] Nurvega Sriyanto. *Rekayasa Mesin Kompresi Biogas*. Tugas Akhir, Program Diploma III Teknik Mesin Produksi, Fakultas Teknik, Universitas Sebelas Maret, Surakarta, 2009.
- [19] Nasruddin. *Dynamic modeling and simulation of a two bed silica gel-water adsorption chiller*. Disertasi, Rwth Aachen, Jerman, 2005.



- [20] Nailul Faziah. *Pembuatan Arang Aktif Secara Langsung dari Kulit Acacia mangium Wild dengan Aktivasi Fisika dan Aplikasinya sebagai Adsorben.* Skripsi, Departemen Hasil Hutan, Fakultas Kehutanan, Institut Petanian Bogor, Bogor, 2009.
- [21] Harry Marsh dan Francisco Rodriguez-Reinoso. *Activated Carbon.* Elsevier Science Ltd, Oxford, 2006.
- [22] Somnath Chattopadhyay. *Pressure Vessel Design and Practice.* CRC Press, Boca Raton, 2004.
- [23] Cokorda Prapti Mahandari. "Pemodelan Kebocoran Tangki Tekan dengan Perangkat Lunak Matlab". *Proceedings Komputer dan Sistem Intelijen*, hal. 474 – 483, Jakarta, 24 – 25 Agustus 2004.
- [24] Meilita Tryana Sembiring dan Tuti Sarma Sinaga. *Arang Aktif Pengenalan dan Proses Pembuatannya.* Laporan Penelitian, Fakultas Teknik, Universitas Sumatra Utara, Medan, 2003.
- [25] Yunus A Cengel dan Michael A. Boles. *Thermodynamics: An Engineering Approach Fifth Edition.* McGraw-Hill, Boston, 2006.
- [26] Teodorita Al Seadi, Dominik Rutz, Heinz Prassl, Michael Köttner, Tobias Finsterwalder, Silke Volk, dan Rainer Janssen. *Biogas Handbook.* University of Southern Denmark Esbjerg, Denmark, 2008.