

## DAFTAR PUSTAKA

- Anwary, Yasid; Hamidi Nurkholis; Sasongko, Mega Nur. 2013. *Pengaruh Besar Lubang Bubble Generator Terhadap Hasil Pemurnian Biogas dengan Menggunakan Metode Bubble Purification*. Jurusan Teknik Mesin, Fakultas Teknik, Universitas Brawijaya.
- Biswas; Kartha, Pandarikakhadu. 1977. *Removal of carbon dioxide from biogas. Proceedings of national symposium on biogas technology and uses*. New Delhi: IARI.
- Frare, L.M; Vieira, M.G.A; Silva, M.G.C. 2010. *Hydrogen sulfide removal from biogas using Fe/EDTA solution : Gas/liquid contacting and sulfur formation*. American Institute of Chemical Engineers (AIChE). Journal of Environmental Progress & Sustainable Energy. 29, (1), 34-41.
- Harper, Steven; Smith, Michael; and Ross, Charles. 1988. *Handbook on Biogas Utilization*. Engineering Technology Branch Environment, Health, 8nd Safety Division, Economic Development Laboratory, Georgia Tech Research institute Georgia Institute of Technology Atlanta.
- Pandey, Fabian. 1989. *Feasibility studies on the use of naturally accruing molecular sieves for methane enrichment from biogas*. . New Delhi: IARI.
- Prasetya, Andhika; Widhiyanuriyawan, Denny; Sugiarto. 2012. *Pengaruh Konsentrasi NaOH Terhadap Kandungan Gas CO<sub>2</sub> Dalam Proses Purifikasi Biogas Sistem Kontinyu*. Jurusan Teknik Mesin, Fakultas Teknik, Universitas Brawijaya.
- Price and Cheremisinoff. 1981. *Biogas Production and Utilization*. Ann Arbor Science Publishers, Inc. United States of America.
- Purba, Michael. 2004, *Kimia untuk SMA Kelas XI*, Erlangga. Jakarta.
- Q. Zhao, Leonhardt E. S. Chen. 2010. *Purification Technologies for Biogas Generated by Anaerobic Digestion*. CSNANR Research Report.
- Rautenbach R, Ethresmann E, Wayer H. 1987. *Removal of carbon dioxide from fermentation gas by membrane separation*. Chem Abstr.
- Schomaker IT, Boerboom AHMM, Vissel A, Pfeifer AE. 2000. *Technical summary on gas treatment*. Anaerobic digestion of agro industrial wastes: information network project FAIR-CT96-2083.
- Susanto, Heru; Wijaya, Wishnu; Widiasa, I Nyoman. *Modifikasi Karbon Aktif Sebagai Adsorben Untuk Pemurnian Biogas*. Jurusan Teknik Mesin, Fakultas Teknik, Universitas Diponegoro.
- Syah, Faruq, Widhiyanuriyawan, Denny; Sugiarto. 2012. *Pengaruh Jumlah Lapisan Zeolit Terhadap Kandungan Gas CO<sub>2</sub> Dalam Proses Purifikasi Biogas Sistem Kontinyu*. Jurusan Teknik Mesin, Fakultas Teknik, Universitas Brawijaya.



S.S. Kapdi, V.K. Vijay, S.K. Rajesh, Rajendra Prasad. 2005. *Biogas scrubbing, compression, and storage: perspective and prospectus in Indian context*. Centre for Rural Development and Technology, Indian Institute of Technology, New Delhi 110 016, India

Tippayawong, Thanompongchart. 2010. *Biogas quality upgrade by simultaneous removal of CO<sub>2</sub> and H<sub>2</sub>S in a packed column reactor*. Department of Mechanical Engineering, Faculty of Engineering, Chiang Mai University.

Wellinger, A. and A. Lindeberg. 2000. *Biogas Upgrading and Utilization – IEA Bioenergy*, Task 24. France: International Energy Association.

<http://id.wikipedia.org/wiki/Biogas> (diakses tanggal, 21 Maret 2015)

[http://id.wikipedia.org/wiki/Natrium\\_hidroksida](http://id.wikipedia.org/wiki/Natrium_hidroksida) (diakses tanggal, 21 Maret 2015)

[www.uspaintchem.com/product\\_details.php?session\\_id=f09883b57b33d3d33c39bbc8dd3b2be2&product\\_id=44](http://www.uspaintchem.com/product_details.php?session_id=f09883b57b33d3d33c39bbc8dd3b2be2&product_id=44) (Diakses tanggal 23 Maret 2015)

