

DAFTAR PUSTAKA

- [1] D. Rahno, J. Roebijoso, and A. S. Leksono, "Pengelolaan Limbah Medis Padat di Puskesmas Borong Kabupaten Manggarai Timur Propinsi Nusa Tenggara Timur," *J. Pembang. dan Alam Lestari*, vol. 6, no. 1, pp. 22–32, 2015, [Online]. Available: <http://jpal.ub.ac.id/index.php/jpal/article/view/173>
- [2] S. N. Achmad, R. A. Nugroho, I. Mardiyah, and N. Oktavia, "Rancang Bangun Insinerator Limbah Medis Berteknologi Plasma sebagai Filter Udara Hasil Pembakaran Limbah Medis," *Ind. Res. Work. Natl. Semin.*, vol. 8, no. 1, pp. 575–579, 2017.
- [3] C. Azwin, M. R. Kirom, and Sugianto, "Simulasi Profil Gas Dan Potensi Energi Dari Pembakaran Sampah Padat Kota Pada Model Bed Dari Insinerator Moving Grate," *e-Proceeding Eng.*, vol. 4, no. 1, pp. 713–725, 2017.
- [4] D. Alamsyah, *Manajemen Pelayanan Kesehatan*. Yogyakarta: Nuha Medika, 2014.
- [5] P. Triadyaksa, J. Wasiq, and M. Nur, "Rancang Bangun Dan Pengujian Sistem Reaktor Plasma Lucutan Pijar Korona Guna Mempercepat Pertumbuhan Tanaman Mangrove," *Berk. Fis.*, vol. 10, no. 3, pp. 137–144–144, 2007.
- [6] D. S. Koten, "Pengaruh Tekanan Gas Argon Terhadap Perilaku Plasma," 2017.
- [7] F. N. Saputro and W. Sumbodo, "Pengaruh Ketinggian Torch Terhadap Lebar Kerf Dan Kekasaran Permukaan Pada Pemotongan Cnc Plasma Arc Cutting Dengan Bahan Baja St 37," *J. Kompetensi Tek.*, vol. 11, no. 2, pp. 22–27, 2019.
- [8] D. Rahayu, Kuwati, and I. Nugroho, "the Micin (Miracle of Dustbin) Inovasi Teknik Pengolahan Sampah Menjadi Energi Biomassa Dengan Metode Gasifikasi Plasma Sebagai Solusi Alternatif Permasalahan Lingkungan Pantai Trisik," *J. Ilm. Penal. dan Penelit. Mhs.*, vol. 2, no. 1, pp. 18–27, 2018, [Online]. Available: <http://www.jurnal.ukmpenelitianunyu.org/index.php/jipppm/article/view/98>
- [9] R. S. Agnitas and R. Rusiyanto, "Pengaruh Variasi Kuat Arus Terhadap Lebar Pemotongan dan Kekerasan pada Baja Karbon Sedang dengan CNC Plasma Arc Cutting," *J. Din. Vokasional Tek. Mesin*, vol. 4, no. 2, pp. 99–104, 2019, doi: 10.21831/dinamika.v4i2.27391.
- [10] 苏汉明, "Plasma Refuse Incinerator.pdf."
- [11] S. Sadaka, "Gasification, producer gas and syngas," *Agric. Nat. Resour.*, p. 8, 2010.

- [12] A. Ojha, A. C. Reuben, and D. Sharma, "Solid Waste Management in Developing Countries through Plasma Arc Gasification- An Alternative Approach," *APCBEE Procedia*, vol. 1, no. January, pp. 193–198, 2012, doi: 10.1016/j.apcbee.2012.03.031.
- [13] Y. Byun, M. Cho, S.-M. Hwang, and J. Chung, "Thermal Plasma Gasification of Municipal Solid Waste (MSW)," *Gasif. Pract. Appl.*, no. May 2014, 2012, doi: 10.5772/48537.
- [14] P. Lahijani and Z. A. Zainal, "Gasification of palm empty fruit bunch in a bubbling fluidized bed: A performance and agglomeration study," *Bioresour. Technol.*, vol. 102, no. 2, pp. 2068–2076, 2011, doi: 10.1016/j.biortech.2010.09.101.
- [15] N. H. A. Halim, S. Saleh, and N. A. F. A. Samad, "Effect of gasification temperature on synthesis gas production and gasification performance for raw and torrefied palm mesocarp fibre," *ASEAN J. Chem. Eng.*, vol. 19, no. 2, pp. 120–129, 2019, doi: 10.22146/ajche.51873.
- [16] F. Arifin, A. Warsito, and A. Syakur, "Perancangan Pembangkit Tegangan Tinggi Impuls Untuk Aplikasi Pengolahan Limbah Cair Industri Minuman Ringan Dengan Teknologi Plasma Lucutan Korona," *Transient*, pp. 1–7, 2011.
- [17] S. A. Unnisa and M. Hassanpour, "Plasma Technology and Waste Management," no. October, pp. 11–13, 2017.
- [18] R. A. Korzekwa, L. A. Rosocha, and Z. Falkenstein, "Experimental Results Coparing Pulsed Corona And Dielectric Barrier Discharges For Pollution Control," 1997.
- [19] H. Nurullita and A. Warsito, "Sistem Corona Treatment Untuk Bopp Film Pada PT Polidayaguna Perkasa," pp. 1–6.
- [20] K. Yakin, S. Pramudito, and K. Dahlan, "Perhitungan Energi Disosiasi Gugus Fungsi OH- dan PO43- Hidroksiapatit dengan Pemodelan Spektroskopi Inframerah Berbasis Particle Swarm Optimization (PSO)," *Indones. J. Appl. Phys.*, vol. 3, no. 01, p. 86, 2016, doi: 10.13057/ijap.v3i01.1236.
- [21] M. Nur, *Fisika Plasma dan Aplikasinya*, no. April. 2011.
- [22] D. S. Koten, Wijono, and R. N. Hasanah, "Rancang Bangun Generator Plasma dengan Media Gas Argon," *J. EECCIS*, vol. 11, no. 1, pp. 33–40, 2017.
- [23] B. P. Putra and N. Sinaga, "Tinjauan Ringkas Teknologi Gasifikasi Plasma Dalam Pengolahan Limbah Padat Menjadi Energi Baru Terbarukan," *J. Tek. Energi*, vol. 17, no. 2, pp. 133–144, 2021.
- [24] Y. Ohtsu, "Physics of High-Density Radio Frequency Capacitively Coupled Plasma With Various Electrode and Its Applications," *Intech*, p. 13, 2012.

- [25] A. R. Kistanto, B. Liputo, and F. Darise, "Desain Sistem Mekanik Plasma Cutter Menggunakan Prinsip Run Stabilizer Process," *Tekno. Pertan. Gorontalo*, vol. 3, no. April, pp. 29–43, 2018.
- [26] A. Akhmad, "Pemesinan Nonkonvensional Plasma Arc Cutting," *J. Rekayasa Mesin*, vol. 9, no. 2, pp. 51–56, 2009.
- [27] J. P. Muckley and D. C. Philip, "Plasma Torch Cutting Device and Process," vol. 2, no. 12, 2015.
- [28] L. Schramm, A. Schwenk, and E. Hauser, "Plasma Transfer Wire Arc Thermal Spray System," *Search*, vol. 2, pp. 2–5, 2018.
- [29] H. P. Li and X. Chen, "Three-dimensional modelling of a dc non-transferred arc plasma torch," *J. Phys. D. Appl. Phys.*, vol. 34, no. 17, 2001, doi: 10.1088/0022-3727/34/17/102.
- [30] M. Ozdinc Carpinlioglu and A. Sanlisoy, "Performance assessment of plasma gasification for waste to energy conversion: A methodology for thermodynamic analysis," *Int. J. Hydrogen Energy*, vol. 43, no. 25, pp. 11493–11504, 2018, doi: 10.1016/j.ijhydene.2017.08.147.
- [31] T. C. Corke, C. L. Enloe, and S. P. Wilkinson, "Dielectric barrier discharge plasma actuators for flow control," *Annu. Rev. Fluid Mech.*, vol. 42, pp. 505–529, 2010, doi: 10.1146/annurev-fluid-121108-145550.
- [32] N. Saiin, "Pengaruh Variasi Diameter Elektroda Tungsten Hasil Las TIG Terhadap Kekuatan Tarik Dan Mikro Karbon Medium," *Anal. Pengaruh Kuat Arus Terhadap Strukt. Mikro, Kekerasan, Kekuatan Tarik Pada Baja Karbon Rendah Dengan Las Smaw Menggunakan Jenis Elektroda E7016*, no. Dc, pp. 29–35, 2016.
- [33] F. Banjarnahor, "Studi Pengelasan TIG (Tungsten Inert Gas) Terhadap Kekuatan Sambungan Dan Sifat Mekanik Pada Baja AISI 1045," 2019.
- [34] F. Rotundo *et al.*, "Plasma arc cutting: Microstructural modifications of hafnium cathodes during first cycles," *Mater. Chem. Phys.*, vol. 134, no. 2–3, pp. 858–866, 2012, doi: 10.1016/j.matchemphys.2012.03.081.
- [35] M. Delzenne, "Plasma Cutting Torch Electrode With An HF/ZR Insert," vol. 2, no. 12, 2005.
- [36] I. Suprpta Winaya, M. Sucipta, and I. Susila, "Pengaruh Temperatur Operasi Dan Kecepatan Superfisial Terhadap Komposisi Gas Produser Pada Gasifikasi Fluidized Bed Berbahan Bakar Sampah Terapung," *J. Energi Dan Manufaktur*, vol. 5, no. 1, pp. 85–90, 2011.
- [37] M. Balas, M. Lisy, and J. Moskalik, "Biomass Gasification : Gas for Cogeneration Unit," *J. Energy*, vol. 1, no. 4, pp. 203–210, 2007.
- [38] E. Jakab, G. Várhegyi, and O. Faix, "Thermal decomposition of polypropylene in the presence of wood-derived materials," *J. Anal. Appl. Pyrolysis*, vol. 56, no. 2, pp. 273–285, 2000, doi: 10.1016/S0165-2370(00)00101-7.

- [39] F. Y. Hagos, A. R. A. Aziz, and S. A. Sulaiman, "Trends of syngas as a fuel in internal combustion engines," *Adv. Mech. Eng.*, vol. 2014, 2014, doi: 10.1155/2014/401587.
- [40] R. P. Bates and K. Dölle, "Syngas Use in Internal Combustion Engines - A Review," vol. 10, no. 1, pp. 1–8, 2017, doi: 10.9734/AIR/2017/32896.
- [41] H. Zhou, K. Xu, X. Yao, J. Li, Z. Zhao, and S. Chen, "Syngas composition and ash characteristics of corn straw under a CO₂ atmosphere," *Biomass and Bioenergy*, vol. 166, no. October, p. 106630, 2022, doi: 10.1016/j.biombioe.2022.106630.
- [42] C. Pardo, J. González-Aguilar, A. Rodríguez-Yunta, and M. A. G. Calderón, "Spectroscopic analysis of an air plasma cutting torch," *J. Phys. D. Appl. Phys.*, vol. 32, no. 17, pp. 2181–2189, 1999, doi: 10.1088/0022-3727/32/17/308.
- [43] R. Mahajan, H. Krishna, A. K. Singh, and R. K. Ghadai, "A Review on Copper and its alloys used as electrode in EDM," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 377, no. 1, 2018, doi: 10.1088/1757-899X/377/1/012183.

