

DAFTAR PUSTAKA

- [1] C. Chaichumporn, P. Ngamsirijit, N. Boonklin, K. Eaiprasetsak, and M. Fuangfoong, “Design and construction of 2.45 GHz microwave plasma source at atmospheric pressure,” *Procedia Eng.*, vol. 8, pp. 94–100, 2011, doi: 10.1016/j.proeng.2011.03.018.
- [2] B. A. Aničin, B. Jojić, D. Blagojević, M. Adžić, and V. Milosavljević, “Flame plasma and the microwave determination of solid propellant regression rates,” *Combust. Flame*, vol. 64, no. 3, pp. 309–319, 1986, doi: 10.1016/0010-2180(86)90148-3.
- [3] A. Ryane, W. Oktiawan, and A. Syakur, “Penggunaan teknologi plasma dalam mengurangi minuman ringan Ade Ryane , Wiharyanto Oktiawan , Abdul Syakur ,” pp. 1–6, 2013.
- [4] M. Sakhraji, A. Ramos, E. Monteiro, K. Bouziane, and A. Rouboa, “Plasma gasification process using computational fluid dynamics modeling,” *Energy Reports*, vol. 8, pp. 1541–1549, Nov. 2022, doi: 10.1016/j.egyr.2022.08.069.
- [5] S. Elaissi and N. A. M. Alsaif, “Modeling and performance analysis of municipal solid waste treatment in plasma torch reactor,” *Symmetry (Basel)*., vol. 15, no. 3, 2023, doi: 10.3390/sym15030692.
- [6] N. Van Duc Long *et al.*, “Catalytic ammonia formation in a microreaction chamber with electrically intensified arc plasma,” *ChemCatChem*, vol. 16, no. 13, 2024, doi: 10.1002/cctc.202400005.
- [7] S. Wang, P. Wang, and H. Shi, “A theoretical study on the nitrogen plasma gasification of medical 2 waste 3”, [Online]. Available: <https://ssrn.com/abstract=4640764>
- [8] M. Morris and L. Waldheim, “Energy recovery from solid waste fuels using advanced gasification technology,” *Waste Manag.*, vol. 18, no. 6–8, pp. 557–564, 1998, doi: 10.1016/S0956-053X(98)00146-9.
- [9] H. Nishikawa, M. Ibe, M. Tanaka, T. Takemoto, and M. Ushio, “Effect of DC steam plasma on gasifying carbonized waste,” *Vacuum*, vol. 80, no. 11–12, pp. 1311–1315, 2006, doi: 10.1016/j.vacuum.2006.01.061.
- [10] 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.
- [11] U. Arena, “Process and technological aspects of municipal solid waste gasification. A review,” *Waste Manag.*, vol. 32, no. 4, pp. 625–639, 2012, doi: 10.1016/j.wasman.2011.09.025.
- [12] Y. Byun, M. Cho, S.-M. Hwang, and J. Chung, “Thermal plasma gasification of municipal solid waste (MSW),” *Gasif. Pract. Appl.*, 2012, doi: 10.5772/48537.
- [13] 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.
- [14] S. Rizal, M. Faisal, and E. Yuliwati, “Tungku gasifikasi untuk produksi gas metan dari ampas tebu,” *J. Inov.*, 2020, [Online]. Available: <http://ojs.politeknikjambi.ac.id/index.php/inovator/article/view/128%0Ahttps://ojs.politeknikjambi.ac.id/index.php/inovator/article/download/128/82>
- [15] T. Agung and H. S. Winata, “Pengolahan air limbah industri tahu dengan menggunakan teknologi plasma,” *J. Imiah Tek. Kim.*, vol. 2, no. 2, pp. 19–28, 2011.
- [16] M. Nur, Fisika plasma dan aplikasinya, no. April. 2011.
- [17] 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.
- [18] Y. Ohtsu, “Physics of high-density radio frequency capacitively coupled plasma with various electrodes and its applications,” *Plasma Sci. Technol. - Basic Fundam. Mod. Appl.*, 2019, doi: 10.5772/intechopen.78387.
- [19] H. Nurullita and A. Warsito, “Sistem corona treatment untuk bopp film pada PT polidayaguna perkasa,” *Makal. Semin. Kerja Prakt.*, pp. 1–6, 2013.
- [20] B. P. Putra and N. Sinaga, “Tinjauan ringkas teknologi gasifikasi plasma dalam pengolahan limbah padat menjadi energi baru terbarukan,” *Eksbergi*, vol. 17, no. 2, p. 133, 2021, doi: 10.32497/eksbergi.v17i2.2620.
- [21] 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,[Online].Available:<https://jurnaleeccis.ub.ac.id/index.php/eeccis/article/view/427>
- [22] V. Kapička *et al.*, “The high pressure torch discharge plasma source,” *Plasma Sources Sci. Technol.*, vol. 8, no. 1, pp. 15–21, 1999, doi: 10.1088/0963-0252/8/1/002.
- [23] Y. Byun *et al.*, “Hydrogen recovery from the thermal plasma gasification of solid waste,” *J. Hazard. Mater.*, vol. 190, no. 1–3, pp. 317–323, 2011, doi: 10.1016/j.jhazmat.2011.03.052.
- [24] 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.
- [25] M. Fajar Banjarnahor , Alfian H.Siregar, M. Sabri, Indra, “Studi pengelasan tungsten inert gas terhadap kekuatan sambungan dan sifat mekanik pada baja aisi 1045,” *ISSN 0216-7492*, vol. 7, 2019.
- [26] R. Bates and K. Dölle, “Syngas use in internal combustion engines - a review,” *Adv. Res.*, vol. 10, no. 1, pp. 1–8, 2017, doi: 10.9734/air/2017/32896.
- [27] H. Subagiyo, R. Tri Wahyuni, M. Akbar, and F. Ulfa, “Rancang bangun sensor node untuk pemantauan kualitas udara,” *J. Sains, Teknol. dan Ind.*, vol. 18, no. 1, p. 72, 2021, doi: 10.24014/sitekin.v18i1.11461.
- [28] 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.

- [29] A. M. A. Amry, M. S. Rasheedy, R. A. El-Koramy, and A. A. Turky, “A wall stabilized nitrogen arc model at different concentration of silver vapour and current intensity,” *Jpn. J. Appl. Phys.*, vol. 34, no. 7R, pp. 3697–3702, 1995, doi: 10.1143/JJAP.34.3697.
- [30] P. Partono and T. W. B. Riyadi, “Studi proses electrical discharge machining dengan elektroda tembaga,” *Media Mesin Maj. Tek. Mesin*, vol. 9, no. 1, 2017, doi: 10.23917/mesin.v9i1.3155.
- [31] E. Corella Puertas, A. Dzafic, and S. Coulombe, “Investigation of the electrode erosion in pin-to-liquid discharges and Its influence on reactive oxygen and nitrogen species in plasma-activated water,” *Plasma Chem. Plasma Process.*, vol. 40, no. 1, pp. 145–167, 2020, doi: 10.1007/s11090-019-10036-3.
- [32] C. K. Kiefer, R. Antunes, A. Hecimovic, A. Meindl, and U. Fantz, “CO₂ dissociation using a lab-scale microwave plasma torch: An experimental study in view of industrial application,” *Chem. Eng. J.*, vol. 481, no. September 2023, p. 148326, 2024, doi: 10.1016/j.cej.2023.148326.
- [33] N. Indrawan, S. Mohammad, A. Kumar, and R. L. Huhnke, “Modeling low temperature plasma gasification of municipal solid waste,” *Environ. Technol. Innov.*, vol. 15, p. 100412, 2019, doi: 10.1016/j.eti.2019.100412.