

## DAFTAR PUSTAKA

- [1] M. L. Said dan Hernawati, J. Fisika Fakultas Sains dan Teknologi, and U. Alauddin Makassar, “Rancang Bangun Insinerator Dua Tahap (Solusi Mengatasi Polusi Udara Pada Pembakaran Sampah),” *JFT. No.1*, vol. 4, no. 1, pp. 38–48, 2017.
- [2] H. Susastrio, D. Ginting, E. W. Sinuraya, and G. M. Pasaribu, “Kajian Incinerator Sebagai Salah Satu Metode Gasifikasi Dalam Upaya Untuk Mengurangi Limbah Sampah Perkotaan,” *J. Energi Baru dan Terbarukan*, vol. 1, no. 1, pp. 28–34, 2020, doi: 10.14710/jebt.2020.8137.
- [3] N. de Nevers, *Air Pollution Control Engineering (2nd ed.)*, Second Ed. Waveland Press, 2010.
- [4] R. Sivasubramanian, J. B. Sajin, and G. Omanakuttan Pillai, “Effect of ammonia to reduce emission from biodiesel fuelled diesel engine,” *Int. J. Ambient Energy*, vol. 43, no. 1, pp. 661–665, 2022, doi: 10.1080/01430750.2019.1663367.
- [5] A. J. Reiter and S. C. Kong, “Demonstration of compression-ignition engine combustion using ammonia in reducing greenhouse gas emissions,” *Energy and Fuels*, vol. 22, no. 5, pp. 2963–2971, 2008, doi: 10.1021/ef800140f.
- [6] H. Jayadi, F. Hendrarinata, B. Suyanto, and S. Sunaryo, “Chimney Filter Model Wet Scrubber to Reduce Air Pollutant Emissions on the Incinerator,” *Heal. Notions*, vol. 5, no. 2, pp. 41–45, 2021, doi: 10.33846/hn50201.
- [7] D. Gonzalez-Garza, R. Rivera-Tinoco, and C. Bouallou, “Comparison of ammonia, monoethanolamine, diethanolamine and methyldiethanolamine solvents to reduce CO<sub>2</sub> greenhouse gas emissions,” *Chem. Eng. Trans.*, vol. 18, pp. 279–284, 2009, doi: 10.3303/CET0918044.
- [8] C. Locci, L. Vervisch, B. Farcy, P. Domingo, and N. Perret, “Selective Non-catalytic Reduction (SNCR) of Nitrogen Oxide Emissions: A Perspective from Numerical Modeling,” *Flow, Turbul. Combust.*, vol. 100,

- no. 2, pp. 301–340, 2018, doi: 10.1007/s10494-017-9842-x.
- [9] D. Damma, P. R. Ettireddy, B. M. Reddy, and P. G. Smirniotis, *A review of low temperature NH<sub>3</sub>-SCR for removal of NO<sub>x</sub>*, vol. 9, no. 4. 2019. doi: 10.3390/catal9040349.
- [10] H. Bai and A. C. Yeh, “Removal of CO<sub>2</sub> greenhouse gas by ammonia scrubbing,” *Ind. Eng. Chem. Res.*, vol. 36, no. 6, pp. 2490–2493, 1997, doi: 10.1021/ie960748j.
- [11] Z. Lating *et al.*, “Pemberdayaan Masyarakat Sebagai Upaya Pemanfaatan Insenerator Dalam Mengelola Sampah Anorganik,” *J. Pengabd. Kpd. Masy.*, vol. 4, no. 3, pp. 55–59, 2021.
- [12] F. Primajodi, A. Sudrajad, and Y. Yusuf, “Emisi Karbon Dioksida Dan Hidrokarbon Pada Incinerator Dengan Penyaring Udara Berbasis Electrostatic Precipitator \_Fani Primajodi,” *J. Tek. Mesin*, pp. 1–10, 2022.
- [13] B. Martana, S. Sulasminingsih, and M. A. Lukmana, “Perencanaan Dan Uji Performa Alat Pembakar Sampah Organik,” *Bina Tek.*, vol. 13, no. 1, p. 65, 2017, doi: 10.54378/bt.v13i1.22.
- [14] A. Sudrajad and I. Syaefulloh, “Performance and Pollution Control Analysis of Municipal Solid Waste Incinerator Type Fluidized Bed,” *Eng. Res.*, vol. 210, pp. 402–404, 2022, doi: 10.2991/aer.k.220131.060.
- [15] L. M. Arief, *Pengolahan Limbah Industri*. Yogyakarta: CV ANDI OFFSET, 2016.
- [16] T. M. Linda, *Ecobrick Solusi Penanganan Sampah Plastik*. Jakarta: CV Graf Literasi, 2021.
- [17] N. H. A. A, S. Prajogo, and A. S. Kurniasetiawati, “Perancangan Wet Scrubber Kapasitas 0,72 m<sup>3</sup>/jam pada Proses Pemurnian Biogas dari Kotoran Sapi,” *Pros. Ind. Res. Work. Natl. Semin.*, vol. 13, no. 01, pp. 850–858, 2022, doi: 10.35313/irwns.v13i01.4178.
- [18] F. Rahmawati, B. P. Samadikun, and M. Hadiwidodo, “Performance Evaluation of Cyclone Particulate Controller and Wet Scrubber Unit in Paper Mill 7/8 PT. Pura Nusapersada Kudus,” *J. Presipitasi Media Komun. dan Pengemb. Tek. Lingkung.*, vol. 17, no. 2, pp. 144–153, 2020, doi: 10.14710/presipitasi.v17i2.144-153.

- [19] R. B. Waode Nurul Roisyah Aminy Budiman, "Percanaan Emisi PM 10 pada Industri Peleburan Baja Cilegon - Banten," pp. 1–124, 2018.
- [20] I. Kurniawan, A. Sholeh, and P. D. Mariadi, "Pemeriksaan Amonia dalam Air Menggunakan Metode Fenat dengan Variasi Suhu dan Waktu Inkubasi," *Gunung Djati Conf. Ser.*, vol. 7, pp. 77–82, 2022.
- [21] H. H. Dahlan, E. Dewi, and A. S. Utami, *Modul Ajar Proses Industri Kimia*. Palembang: Bening Media Publishing, 2023.
- [22] N. Fardhilah, *Memahami Unsur, Senyawa, dan Campuran*. Semarang: ALPRIN, 2019.
- [23] V. V. Kosegeran, E. Kendekallo, S. R. U. A. Sompie, and B. Bahrin, "Perancangan alat ukur kadar karbon monoksida (CO), karbon dioksida (CO<sub>2</sub>) dan hidro karbon (HC) pada gas buang kendaraan bermotor," *J. Tek. Elektro dan Komput.*, vol. 2, no. 3, pp. 50–56, 2013, [Online]. Available: <https://ejournal.unsrat.ac.id/index.php/elekdankom/article/view/2146>
- [24] Philip Kristanto, "Sistem Injeksi Hidrogen untuk Mengurangi Emisi Hidrokarbon," *J. Tek. Mesin*, vol. 1, no. 2, pp. 122–126, 1999,
- [25] Kementerian Lingkungan Hidup dan Kehutanan RI, "Baku Mutu Emisi Usaha dan/atau Kegiatan Pengolahan Sampah secara Termal," *Peratur. Menteri Lingkung. Hidup dan Kehutan. Nomor 70 Tahun 2016*, vol. 53, no. 9, pp. 1689–1699, 2013.
- [26] Menteri Lingkungan Hidup dan Kehutanan, "Peraturan Menteri Lingkungan Hidup Dan Kehutanan Republik Indonesia Nomor 6 Tahun 2021 Tentang Tata Cara dan Persyaratan Pengelolaan Limbah Bahan Berbahaya Dan Beracun," *Menteri Lingkung. Hidup Dan Kehutan. Republik Indones.*, no. April, pp. 5–24, 2021.