

## DAFTAR PUSTAKA

- [1] L. R. Krisnanda, A. Santoso, and T. F. Nugroho, "Analisa Laju Erosi pada Elbow Pipa Karena Partikel Pasir Dalam Aliran Fluida Gas Menggunakan Simulasi CFD," *J. Tek. ITS*, vol. 8, no. 2, pp. 1–6, 2020, doi: 10.12962/j23373539.v8i2.48218.
- [2] Finnie, "The Mechanism of Erosion of Ductile Metals," *3rd US Natl. Congr. Appl. Mech.*, pp. 527–532, 1958.
- [3] I. Finnie, "Erosion of Surfaces by Solid Particles," *Wear*, p. 103, 1960, doi: [https://doi.org/10.1016/0043-1648\(60\)90055-7](https://doi.org/10.1016/0043-1648(60)90055-7).
- [4] A. Levy, "Solid Particle Erosion and Erosion-Corrosion of Materials," *ASM Int.*, 1995.
- [5] A. Bellman, R., & Levy, "Erosion Mechanism in Ductile Materials," *Wear*, 1981.
- [6] H. Clark, "Particle Velocity and Size Effects in Laboratory Slurry Erosion Measurements OR... Do You Know What Your Particles Are Doing?," *Tribol. Int.*, vol. 35, pp. 617–624, 2002.
- [7] J. Laintone, *Aerodynamics Effect in Erosion Process*. 1979.
- [8] W. Smeltzer, C., Gulden, M., & Compton, *Mechanisms of Metal Removal by Impacting Dust Particles*. 1970.
- [9] R. Burnett, A., De Silva, S., & A, "Comparison Between Sand Blast and Centripetal Effect Accelerator Type Erosion Testers," *Proceeding 8th Int. Conf. Eros. by Liq. Solid Impact*, pp. 168–174, 1994.
- [10] & Y. Oka, Y., "Practical Estimation of Erosion Damage Caused by Solid Particle Damage Impact : Part 2: Mechanical Properties of Materials Directly Associated with Erosion Damage," *Wear*, pp. 102–109, 2005.
- [11] I M Hutching, "Ductile-Brittle Transitions and Wear Maps for the Erosion and Abrasion of Brittle Materials," *J. Phys. D. Appl. Phys.*, p. A212, 1992, doi: 10.1088/0022-3727/25/1A/033.

- [12] G. Tilly, "A Two Stage Mechanism of Ductile Erosion.," *Wear*, pp. 87–96, 1973.
- [13] S. Gandhi, B., & Borse, "Effect of Particle Size and Size Distribution on Estimating Erosion Wear of Cast Iron in Sand-Water Slurries," *Indian J. Eng. Mater. Sci*, pp. 480–486, 2002.
- [14] I. W. Yudhatama, M. I. P. Hidayat, and W. Jatimurti, "Simulasi Computational Fluid Dynamics (CFD) Erosi Partikel Pasir dalam Aliran Fluida Gas Turbulen pada Elbow Pipa Vertikal – Horizontal," *J. Tek. ITS*, vol. 7, no. 2, pp. 134–139, 2018.
- [15] P. Levy, A., & Chick, "The Effect of Erodent Composition and Shape on the Erosion of Steel," *Wear*, pp. 151–162, 1983.
- [16] Y. Finnie, I., Wolak, J., & Kabil, "Erosion of Metal by Solid Particles," *J. Mater.*, pp. 682–700, 1967.
- [17] O. D. L. S. P. A. Cundall, "A discrete numerical model for granular assemblies," *Geotechnique*, vol. 29, no. 1, pp. 47–65, 1979, doi: 10.1680/geot.1979.29.1.47.
- [18] I. ANSYS, "CFD EXPERTS Simulate the Future," 2021.
- [19] J. Singh, S. Kumar, J. P. Singh, P. Kumar, and S. K. Mohapatra, "CFD modeling of erosion wear in pipe bend for the flow of bottom ash suspension," *Part. Sci. Technol.*, vol. 37, no. 3, pp. 275–285, 2019, doi: 10.1080/02726351.2017.1364816.
- [20] D. (Eds. . Cheng, L. Mewes, "Advances in multiphase flow and heat transfer," in *Vol 3*, 2012.
- [21] C. E. Brennen, "Fundamentals of Multiphase Flows," 2005.
- [22] W. P. and C. Z. Chen, L., Y. Duan, "CFD simulation of coal-water slurry flowing in horizontal pipelines," *Korean J. Chem. Eng.*, vol. 26(4), pp. 1144-1154., 2009.
- [23] A. Dewan, *Tackling Turbulent Flows in Engineering*. 2011.

- [24] J. K. Edwards, "Development, validation, and application of a three-dimensional, CFD-based erosion prediction procedure," *Dr. Diss. Univ. Tulsa*, 2000.

