

## DAFTAR PUSTAKA

- Adenya, C. A., & Kihui, J. M. (2010). *Stress Concentration Factors in Thick Walled Cylinders with Elliptical Cross-Bores*. JKUAT Scientific, Technological and Industrialization Conference
- Alzabeebee, S., Chapman, D. N., & Faramarzi, A. (2018). *A comparative study of the response of buried pipes under static and moving loads*. *Transportation Geotechnics*, 15, 39-46. doi:10.1016/j.trgeo.2018.03.001
- Ayhan, A. O. (2011). *Three-dimensional fracture analysis using tetrahedral enriched elements and fully unstructured mesh*. *International Journal of Solids and Structures*, 48(3-4), 492-505. doi:10.1016/j.ijsolstr.2010.10.012
- ANSYS *Academic Online Training: Introduction to Computational Solid Mechanics*. (2020). Optimaxx
- Beer, F. P., DeWolf, J. T., Johnston, E. R., & Mazurek, D. F. (2009). *Mechanics of materials* (5th ed.). New York, NY: McGraw-Hill Education.
- Gas Transmission and Distribution Piping System*, B31.8 (2014). New York, NY: American Society of Mechanical Engineers.
- Hibbeler, R. C. (2010). *Mechanics of materials* (8th ed.). Boston: Pearson.
- Iimura, S. (2004). *Simplified mechanical model for evaluating stress in pipeline subject to settlement*. *Construction and Building Materials*, 18(6), 469-479. doi:10.1016/j.conbuildmat.2004.01.002
- Inglis, C. E. (1913). *Stresses in a plate due to the presence of cracks and sharp corners*, The Institution of Naval Architech
- Khademi-Zahedi, R. (2018). *Application of the finite element method for evaluating the stress distribution in buried damaged polyethylene gas pipes*. *Underground Space*, 4(1), 59-71. doi:10.1016/j.undsp.2018.05.002
- Khademi-Zahedi, R., & Alimouri, P. (2018). *Finite element analysis to the effect of Thermo-Mechanical loads on stress distribution in buried polyethylene gas*

- pipes jointed by electrofusion sockets, repaired by pe patches. energies*, 11(10), 2818. <https://doi.org/10.3390/en11102818>
- Khademi Zahedi, R., Alimouri, P., Khademi Zahedi, H., & Shishesaz, M. (2019). *Investigating peak stresses in fitting and repair patches of buried polyethylene gas pipes. Frontiers of Structural and Civil Engineering*, 14(1), 147–168. <https://doi.org/10.1007/s11709-019-0587-6>
- Khademi-Zahedi, R., & Shishesaz, M. (2019). *Application of a finite element method to stress distribution in buried patch repaired polyethylene gas pipes. Underground Space*, 4(1), 48-58. doi:10.1016/j.undsp.2019.05.001
- Manual for determining the remaining strength of corroded pipelines: Supplement to ASME B31.G code for pressure piping.* (1991). New York: American Society of Mechanical Engineers.
- Mehrabi, H. A., & Bowman, J. (1997). Electrofusion welding of crosslinked polyethylene pipes. *Iranian Polymer Journal*, 6(7), 195–203.
- Merah, N., Saghir, F., Khan, Z., & Bazoune, A. (2006). *Effect of temperature on tensile properties of HDPE pipe material. Plastics, Rubber and Composites*, 35(5), 226-230. doi:10.1179/174328906x103178
- Merrin, J., Hung, H. P., Rajeev, P., Robert, D. J., & Kodikara, J. (2014). *Stress Analysis of Buried Pipes*.
- Moser, A. P., & Folkman, S. (2008). *Buried Pipe Design* (3rd ed.). Logan, Utah: Mc Graw Hill.
- Murariu, A., & Lozanovic-Sajic, J. (2016). *Temperature and heat effects on polyethylene behaviour in the presence of imperfections. Thermal Science*, 20(5), 1703-1712. doi:10.2298/tsci151110220m
- Shishesaz, M. R. (2003). *Determination of Design Parameters in Large Size Reinforced Polyethylene Pipes*, *Iranian Polymer Journal*.
- Singer, F., Pytel, A. (1987). *Strength of material* (4<sup>th</sup> ed.). New York: Harper & Row.
- Steel pipelines crossing railroads and highways: API recommended practice 1102.*

(1993). Wash., D.C.: American Petroleum Institute.

The Plastics Pipe Institute. (2008). *The plastics Pipe Institute Handbook of polyethylene pipe*.

*Thermoplastic piping systems: ASME Standards for Nonmetallic Pressure Piping Systems*. (2018). New York, NY: American Society of Mechanical Engineers.

Warman, D. J., Hard, D.J., Francini, R.B. (2009). *Development of a pipeline surface loading screening process and assessment on surface load dispersing methods*, Canadian Energy Pipeline Association, Final Report No 05-44R1.

Wei, R. P. (2010). *Fracture Mechanics: Integration of Mechanics, Materials Science, and Chemistry*. Cambridge University Press.

Sulaiman. (2021), *Analisis Distribusi Tegangan Pada Pipa Berlubang Elips Dengan Penguatan Saddle Fusion Patch Menggunakan Finite Element Analysis*