

## DAFTAR PUSTAKA

- American Welding Society, 2018, *AWS WHB-10. 1, Welding Handbook, 10th Edition, Volume 1, WELDING and CUTTING SCIENCE and TECHNOLOGY*, American Welding Society (Welding Handbook). Tersedia pada: <https://books.google.co.id/books?id=tXodwwEACAAJ>.
- API, 2003, "Safe Hot Tapping Practices in the Petroleum & Petrochemical Industries, Fifth Edition," *API Recommended Practice* [Preprint], (2201).
- API, 2013, "Specification for Line Pipe," (December 2012).
- API, 2015, *API 1104: Welding of Pipelines and Related Facilities*. 21 ed, Washington DC.
- Asl, H.M. dan Vatani, A., 2013, "Numerical analysis of the burn-through at in-service welding of 316 stainless steel pipeline," *International Journal of Pressure Vessels and Piping*, 105–106, hal. 49–59. doi:10.1016/j.ijpvp.2013.03.002.
- ASME International, 2015, "ASME PCC-2–2015. Repair of Pressure Equipment and Piping," *The American Society of Mechanical Engineers*, hal. 1–216.
- ASTM, 2004, "ASTM A370 - Standard Test Methods and Definitions for Mechanical Testing of Steel Products," *ASTM International*, 01.03(Rapproved), hal. 1–48. doi:10.1520/A0370-16.2.
- ASTM, 2013, "ASTM E6-09b Standard Terminology Relating to Methods of Mechanical Testing," *ASTM Book of Standards*, (E6-09b), hal. 1–12. doi:10.1520/E0006-09B.2.
- Boring, M., Bongiovi, M., Warman, D. dan Kleeman, H., 2018, "Justification for reducing in-service weld inspection delay times for liquid pipelines," *Proceedings of the Biennial International Pipeline Conference, IPC*, 3, hal. 1–8. doi:10.1115/IPC2018-78250.
- Boring, M.A., 2012, "Burnthrough Prediction for In-Service Welding: Past, Present and Future," in *Volume 1: Upstream Pipelines; Project Management; Design and Construction; Environment; Facilities Integrity Management; Operations and Maintenance; Pipeline Automation and Measurement*, American Society of Mechanical Engineers, hal. 629–636. doi:10.1115/IPC2012-90605.
- Bramfitt, B.L. dan Benschoter, A.O., 2002, "Metallographer's Guide: Practices and Procedures for Irons and Steels," ASM International. doi:10.31399/asm.tb.mgppis.9781627082587.
- British Standards, 2009, "BS EN 1011-1:2009 - Recommendations for welding of metallic materials Part 1: General guidance for arc welding."
- Bruce, W.A. dan Etheridge, B.C., 2012, "Further Development of Heat-Affected Zone Hardness Limits for In-Service Welding," in *Volume 3: Materials and Joining*, American Society of Mechanical Engineers, hal. 71–81. doi:10.1115/IPC2012-90095.
- Bruce, W.A., Etheridge, B.C. dan Carman, A., 2008, "Heat-Affected Zone Hardness Limits for In-Service Welding," in *2008 7th International Pipeline*

- Conference, Volume 3*, ASME, hal. 1–9. doi:10.1115/IPC2008-64003.
- Cheng, W., Wang, Y., Amend, W. dan Swatzel, J., 2004, “Weld Microstructure and Hardness Prediction for In-Service Hot-Tap Welds,” in *2004 International Pipeline Conference, Volumes 1, 2, and 3*, ASMEDC, hal. 1563–1572. doi:10.1115/IPC2004-0558.
- Daei-Sorkhabi, A.H., Saeimi-Sadigh, M.A., Vakili-Tahami, F., Zehsaz, M. dan Behjat, B., 2010, “Study of the burn-through during in-service welding of T joint branch connections,” *ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, ESDA2010*, 2, hal. 335–344. doi:10.1115/ESDA2010-25113.
- Flux Core Arc Welding*, 2021. Tersedia pada: <https://www.weldguru.com/support-files/flux-cored-arc-welding.pdf> (Diakses: 18 April 2021).
- Hwang, S.-Y., Lee, J.-H. dan Kim, S.-C., 2012, “Numerical Simulation of Welding Residual Stress Distribution on T-joint Fillet Structure,” *International Journal of Ocean System Engineering*, 2(2), hal. 82–91. doi:10.5574/IJOSE.2011.2.2.082.
- Qian, W., Yong, W., Tao, H., Hongtao, W., Shiwei, G. dan Laihui, H., 2019, “Study on the Failure Mechanism of Burn-Through during In-Service Welding on Gas Pipelines,” *Journal of Pressure Vessel Technology, Transactions of the ASME*, 141(2), hal. 1–7. doi:10.1115/1.4042461.
- Qiao, L., Han, T., Wang, H., Han, L. dan Gu, S., 2018, “Microscopic study on mechanical properties of different microregions during in-service welding,” *Materials Science Forum*, 944 MSF, hal. 841–853. doi:10.4028/www.scientific.net/MSF.944.841.
- Wu, Q., Han, T., Wang, Y., Wang, H., Zhang, H. dan Gu, S., 2020, “In-situ observation of high-temperature failure behavior of pipeline steel and investigation on burn-through mechanism during in-service welding,” *Engineering Failure Analysis*, 109(September 2019), hal. 104236. doi:10.1016/j.engfailanal.2019.104236.
- Yurioka N, Okumura, M., Kasuya T dan Cotton H J U, 1987, “Prediction of HAZ hardness of transformable steels,” *Metal construction* [Preprint].