

DAFTAR PUSTAKA

- Amin Nur Akhmadi . (2020). Analisa hasil pengelasan 2G dan 3G dengan bahan plat besi ST 40 Ketebalan 10mm menggunakan mesin Las MIG Politeknik Harapan Bersama.
- ASTM International. ASTM A36/A36M-19, Standard Specification for Carbon Structural Steel; ASTM International: West Conshohocken, PA, USA, 2019.
- Alyson, Silva. (2019). Modeling and simulation of the metal transfer on GMAW-S process. Journal of the Brazilian Society of Mechanical Sciences and Engineering.
- Bayu Iman Fatkurokhim . (2017). Analisa Pengaruh Tegangan Sisa Dan Perubahan Distorsi Pada Pengelasan Struktur Pressure Vessels Pt. Petrokimia Gresik Dengan Variasi Welding Sequence Dengan Menggunakan Metode Elemen Hingga.
- Berladir, Khrystyna & Hovorun, T & I., Pererva & G., Rudenko & I., Martynov. (2017). Modern materials for automotive industry. Journal of engineering sciences.
- Dinbandhu, Vishalkumar Prajapati, Jay J. Vora, Kumar Abhishek, (2021). Chapter 3: *Advances in gas metal arc welding process: modifications in short- circuiting transfer mode*, In *Handbooks in Advanced Manufacturing*, Elsevier, Pages 67-104, Department of Mechanical Engineering, IITRAM, Ahmedabad, Gujarat, India
- Ding D et al (2015) Wire-feed additive manufacturing of metal components: technologies, developments and future interests. International Journal of Advanced Manufacturing Technology, Springer-Verlag London
- Dzevad Hadzihafizovic. (2023). Heat-Affected Zone Stainless Steel .university of Sarajevo
- EN ISO 14175 *Welding consumable. Gases and gas mixtures for fusion welding and allied processes*. EN ISO

- F. Yusof, M.F. Jamaluddin. (2014) *Comprehensive Materials Processing, Welding and Bonding Technologies*.
- Gerard, B. (2016). *Fundamentals of Hardfacing by Arc Welding; Welding Alloys: Florence, KY, USA, 2; pp. 1–47*
- Husaini, Rachman, M., & Machmud, M. N. (2018). The influence of strain rate to mechanical properties on low alloy steel ASTM A36.
- Lippold JC (2014) *Welding Metallurgy and Weldability*. John Wiley & Sons, Inc, Hoboken, New Jersey.
- M.A. Wahab, 2014. *Manual Metal Arc Welding and Gas Metal Arc Welding, Comprehensive Materials Processing, Elsevier, 49-76, Louisiana State University, Baton Rouge, LA, USA*
- Maurice Stewart, 2021. “Volume 5: Pressure Vessels, Heat Exchangers, and Aboveground Storage Tanks: Design, Construction, Inspection, and Testing”. Pages 197-284, Gulf Professional Publishing. Surface Production Operations
- Mvola, B., & Kah, P. (2016). *Effects of shielding gas control: welded joint properties in GMAW process optimization*. The International Journal of Advanced Manufacturing
- Phillips, D. H. (2015). *Welding engineering: an introduction*. John Wiley & Sons.
- Rauf, F. A., Sappu, F. P., & Lakat, A. M. A. (2021). Uji Kekerasan Dengan Menggunakan Alat Microhardness Vickers Pada Berbagai Jenis Material Teknik. *Jurnal Tekno Mesin*.
- RDSO Handbook (2015), *HANDBOOK ON WELDING TECHNIQUES*, Indian Railways, Centre for Advanced Maintenance Technology, India
- Reddy, K & Dufera, Solomon. (2019). *ADDITIVE MANUFACTURING TECHNOLOGIES*.
- Sarvankar, S. G., & Yewale, S. N. (2019). Additive manufacturing in automobile industry. *Int. J. Res. Aeronaut. Mech. Eng*, 7(4), 1-10.

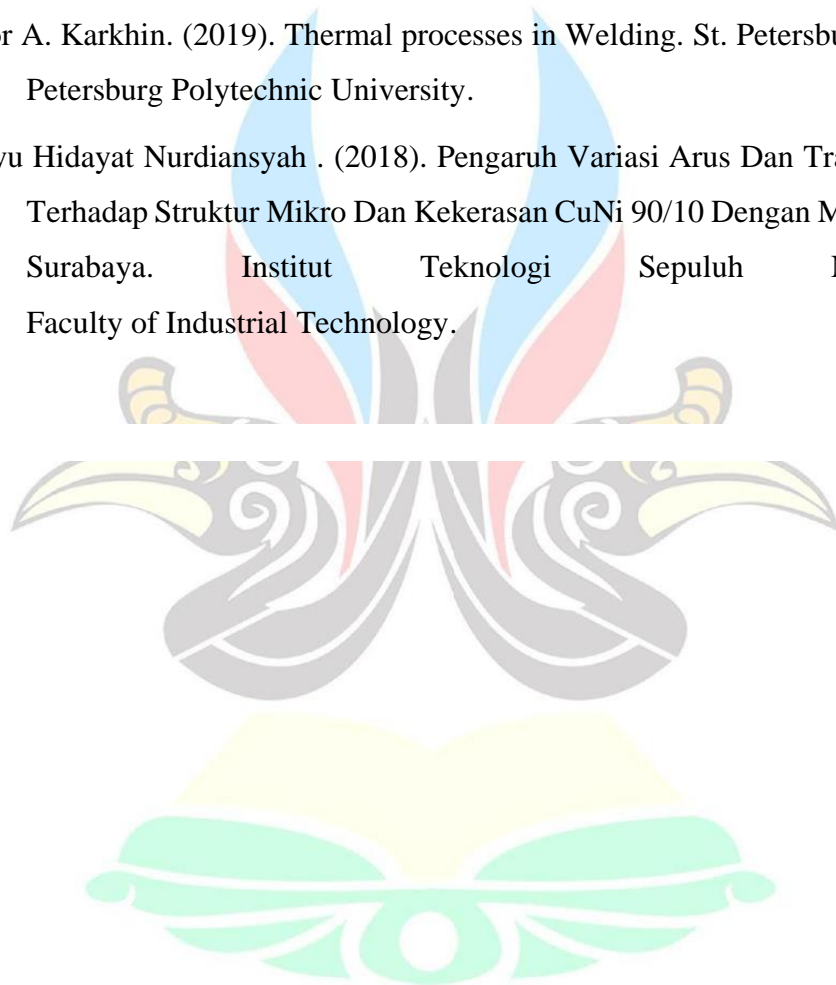
Susetyo, F. B., Basori, B., & Lubi, A. (2021). Perlakuan Panas Lapisan Hasil Multilapis Hardfacing Dengan Elektroda AWS A5.13 EFe2/A5.1 E7018.

Tandon, D. Li, H. Pan, Z.; Yu, D. Pang, W. A. (2023). Review on Hardfacing, Process Variables. University of Wollongong and Bisalloy Steels.

Tanjung, F,A, Jufri, M., & Saifullah, A,(2018) Pengaruh *Stress Relief Annealing* dari Hasil Pengelasan SMAW pada Baja ASTM A36 terhadap Kekuatan Tarik, Jurnal Teknik Mesin; 1-5.

Victor A. Karkhin. (2019). Thermal processes in Welding. St. Petersburg, Russia Petersburg Polytechnic University.

Wahyu Hidayat Nurdiansyah . (2018). Pengaruh Variasi Arus Dan Travel Speed Terhadap Struktur Mikro Dan Kekerasan CuNi 90/10 Dengan Metode Tig. Surabaya. Institut Teknologi Sepuluh Nopember. Faculty of Industrial Technology.



www.itk.ac.id