

DAFTAR PUSTAKA

- Aditya Mulyasari, S. (2022). *Pengaruh Penambahan Titanium Terhadap Sifat Mekanik, Struktur Mikro, dan Struktur Makro Hasil Hardfacing Menggunakan Proses SMAW pada Baja.*
- Bakhori, A. (2017). Perbaikan Metode Pengelasan Shield Metal Arc Welding (SMAW) pada Industri Kecil di Kota Medan. *Buletin Utama Teknik*, 13(1), 14.
- Budhi Susetyo, F., Basori, & Dwi Maryanto, I. (2020). Pengaruh Direct dan In-Direct Quenching dengan Media Air Terhadap Kekerasan Hasil Hardfacing Baja Karbon. *ASIIMETRIK: Jurnal Ilmiah Rekayasa & Inovasi*, 2(2).
- Budhi Susetyo, F., Hadi Sutrisno, H., & Ayu Suryadewi, R. (2021). Studi Lapisan Hasil Hardfacing dengan Variasi Arus dan Elektroda AWS A5.13 EFe2/A5.1 E7018. *ASIIMETRIK: Jurnal Ilmiah Rekayasa Dan Inovasi*, 3(2), 97–104.
- Budhi Susetyo, F., & Lubi, A. (2021). Perlakuan Panas Lapisan Hasil Multilapis Hardfacing Dengan Elektroda AWS A5.13 EFe2/A5.1 E7018. *Jurnal Ilmiah GIGA*, 24(2).
- Donachie. (2000). *Titanium : a Technical Guide 2nd Edition.*
- Dutta, B., & Froes, F. H. (2016). Recent Developments and Projections for the Future of Titanium AM. In *Additive Manufacturing of Titanium Alloys.*
- Jalil, S. A., Husna, A., & Teknik Mesin Politeknik Negeri Lhokseumawe Jl Banda Aceh-Medan Km, J. (2017). *Pengaruh Variasi Arus Pengelasan Terhadap Sifat Mekanik pada Proses Pengelasan SMAW (Vol. 15, Issue 2).*
- Kahfi, A. (2015). *Pengaruh Kuat Arus terhadap Hasil Pengelasan LAS GMAW pada Baja ASTM A36.*
- Li, B., Li, J., Ikhmayies, S., Zhang, M., Kalay, Y. E., Carpenter, J. S., Hwang, J.-Y., Neves, S., Donato, M., Brown, F. A., Bai, C., Peng, Z., Escobedo-Diaz, J. P., Goswami, R., & Kim, J. (2018). *Characterization of Minerals, Metals, and Materials.*
- Michael Allen Adjelian Allen Rubeli Ltd, C., Avery Consultant, H., Babu Caterpillar, P., Bayer Teledyne Vasco, A. M., Boehm Nucor Steel, K. W., Brentnall Solar Turbines, W., Brinkman, C., Bueche USS, E. J., Steel

- Company, K., Burrier, H., The Timken Company, J., Cantwell, A., Carlucci Lorlea Steels, M., Charalambu Carr, H., Associates, D., Davis McDonnell Douglas, J. W., & Dawson, R. (1990). *Properties and Selection : Irons Steels and High Performance Alloys* (Vol. 1).
- NIKKO STEEL. (2014). *Manufacturers of a Diverse Range of Advanced Welding Consumables: Vol. Rev.2.*
- Nofri, M., & Taryana, A. (2017). Analisis Sifat Mekanik Baja SKD 61 dengan Baja ST 41 Dilakukan Hardening Dengan Variasi Temperatur. *BINA TEKNIKA*, 13(2), 189–199.
- Pradeep, G. R. C., Ramesh, A., & Durga Prasad, B. (2010). A REVIEW PAPER ON HARDFACING PROCESSES AND MATERIALS. In *International Journal of Engineering Science and Technology* (Vol. 2, Issue 11).
- Rifai, M. (2018). Analisis Keausan Pahat pada Pemesinan Bubut Menggunakan Pahat Putar Modular (Modular Rotary Tools) Untuk Material Titanium 6Al-4V ELI.
- Sarraf, M., Rezvani Ghomi, E., Alipour, S., Ramakrishna, S., & Liana Sukiman, N. (2022). A state-of-the-art review of the fabrication and characteristics of titanium and its alloys for biomedical applications. In *Bio-Design and Manufacturing* (Vol. 5, Issue 2).
- Sugiyono. (2000). *Metode Penelitian Kuantitatif* (Vol. 2).
- Sukaini. (2013). *Teknik Las SMAW: Vol. 2nd Edition.*
- Susetyo. (2020a). Sifat Kekerasan, Struktur Makro dan Mikro Material Hasil Hardfacing Elektroda AWS 15.13 EFe2/AWS 1.51 E7018 dengan Variasi Arus dan Buffer Layer. *ASIMETRIK: Ilmiah Rekayasa & Inovasi*, 2(2), 1–6.
- Susetyo, F. B. (2020b). Sifat Kekerasan, Struktur Makro dan Mikro Material Hasil Hardfacing Elektroda AWS 15.13 EFe2/AWS A.51 E7018 dengan Variasi Arus dan Buffer Layer. *ASIMETRIK*, 2(2).
- Syaripuddin, S., Sopiyan, S., Aditya, S., Yudanto, S. D., & Susetyo, F. B. (2023). Synthesis of Hard Layer by Titanium Addition During Welding Process and Quenched Directly. *International Journal of Engineering Transactions C: Aspects*, 36(3), 532–539.
- Veiga, C., Davim, J. P., & Loureiro, A. J. R. (2012). Properties and Applications of

Titanium Alloys: a Brief Review. In *Rev. Adv. Mater. Sci* (Vol. 32).

William D. Callister, Jr., & G. Rethwisch, D. (2018). *Materials Science and Engineering : an Introduction 10th Edition: Vol. 10th Edition*. Hachette Livre - Département Pratique.

Zhang, L. C., Chen, L. Y., & Wang, L. (2020). Surface Modification of Titanium and Titanium Alloys: Technologies, Developments, and Future Interests. In *Advanced Engineering Materials* (Vol. 22, Issue 5).

