

## DAFTAR PUSTAKA

- [1] R. Timings, *Fabrication and Welding Engineering*. London: Routledge, 2008. Accessed: Dec. 29, 2023.
- [2] Klas. Weman, *Welding processes handbook*. Woodhead Pub., 2003.
- [3] S. L. Lawal, S. A. Afolalu, T. C. Jen, and E. T. Akinlabi, "Tungsten inert gas (TIG) and metal inert gas (MIG) welding applications - Critical review," in *E3S Web of Conferences*, EDP Sciences, Jun. 2023.
- [4] A. Sahoo and S. Tripathy, "Improvement in Depth of Weld Penetration During TIG, Activated-TIG, and Pulsed TIG Welding: A Review.," *International Journal of Manufacturing, Materials, and Mechanical Engineering (IJMMME)*, vol. 11, no. 2, pp. 68–86, 2021,
- [5] D. Varshney and K. Kumar, "Application and use of different aluminium alloys with respect to workability, strength and welding parameter optimization," Mar. 01, 2021, *Ain Shams University*.
- [6] O. S. Ogbonna, S. A. Akinlabi, N. Madushele, P. M. Mashinini, and A. A. Abioye, "Application of MIG and TIG Welding in Automobile Industry," in *Journal of Physics: Conference Series*, Institute of Physics Publishing, Dec. 2019.
- [7] S. Kumar, P. K. Singh, S. B. Prasad, K. Singh, and D. Patel, "Optimization of TIG Welding Process Parameters Using Taguchi's Analysis and Response Surface Methodology," *International Journal of Mechanical Engineering and Technology (IJMET)*, vol. 8, no. 11, pp. 932–941, 2017.
- [8] S. P. Shrivastava, S. K. Vaidya, A. K. Khandelwal, and A. K. Vishvakarma, "Investigation of TIG welding parameters to improve strength," in *Materials Today: Proceedings*, Elsevier Ltd, 2019, pp. 1897–1902.
- [9] A. Sivanantham, S. Manivannan, and S. P. Kumaresh Babu, "Parametric optimization of dissimilar tig welding of aisi 304l and 430 steel using taguchi analysis," in *Materials Science Forum*, Trans Tech Publications Ltd, 2019, pp. 625–630.
- [10] Z. Purba, S. Bahri, and J. Syarif Jurusan Teknik Mesin Politeknik Negeri Lhokseumawe JIBanda Aceh-Medan Km, "Pengaruh variasi kampuh las terhadap ketangguhan sambungan hasil pengelasan material baja AISI 1050 The effect of weld groove variations on the toughness of welding joints of AISI 1050 material," 2022.
- [11] S. Angra, L. Thakur, and J. Singh, "Effect of argon flow rate on the weld bead characteristics of TIG coating," in *IOP Conference Series: Materials Science and Engineering*, Institute of Physics Publishing, Jun. 2020.
- [12] R. Dadsetani, G. A. Sheikhzadeh, M. R. Safaei, A. A. Alnaqi, and A. Amiriyoon, "Exergoeconomic optimization of liquefying cycle for noble gas argon," *Heat and Mass Transfer/Waerme- und Stoffuebertragung*, vol. 55, no. 7, pp. 1995–2007, Jul. 2019.

- [13] G. Shanmugasundar, B. Karthikeyan, P. Santhosh Ponvell, and V. Vignesh D, "Optimization of Process Parameters in TIG Welded Joints of AISI 304L-Austenitic Stainless Steel using Taguchi's Experimental Design Method," 2019.
- [14] G. Gundara and A. A. Biggunah, "Analisis Kekuatan Arus Terhadap Ketangguhan Dan Ketahanan Sambungan Pada Proses Las Tig," 2021.
- [15] J. J. Vora, K. Abhishek, and S. Srinivasan, "Attaining optimized A-TIG welding parameters for carbon steels by advanced parameter-less optimization techniques: with experimental validation," *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, vol. 41, no. 6, Jun. 2019.
- [16] Sukarman *et al.*, "Optimization of tensile-shear strength in the dissimilar joint of Zn-coated steel and low carbon steel," *Automotive Experiences*, vol. 3, no. 3, pp. 115–125, 2020.
- [17] \* Prashant, K. Singh, P. Kumar, B. Singh, R. K. Singh, and M. Tech Scholar, "A review on TIG welding for optimizing process parameters on dissimilar joints," 2015. Accessed: Dec. 29, 2023.
- [18] A. Haile, "The Parameters and Equipments Used in TIG Welding: A Review," 2015.
- [19] N. Echezona, S. A. Akinlabi, T. C. Jen, O. S. Fatoba, S. Hassan, and E. T. Akinlabi, "Tig Welding of Dissimilar Steel: A Review," in *Lecture Notes in Mechanical Engineering*, Springer Science and Business Media Deutschland GmbH, 2021, pp. 1–9.
- [20] Sukarman, A. Abdulah, A. Djafar Shieddieque, N. Rahdiana, and Khoirudin, "OPTIMIZATION OF THE RESISTANCE SPOT WELDING PROCESS OF SECC-AF AND SGCC GALVANIZED STEEL SHEET USING THE TAGUCHI METHOD," vol. 25, no. 3, pp. 319–328, 2021.
- [21] V. Mohanavel, M. Ravichandran, and S. Suresh Kumar, "Optimization of tungsten inert gas welding parameters to attain maximum impact strength in AA6061 alloy joints using Taguchi Technique," 2018.
- [22] A. Ahmad and S. Alam, "Parametric optimization of TIG welding using Response Surface Methodology," 2019.
- [23] Japanese Standards Association, "JIS G 3141 Cold-reduced carbon steel sheets and strips," 2005.
- [24] *JIS G 3302 Hot-dip zinc-coated steel sheet and strip*. 2007.
- [25] V. Chaudhari, V. Bodkhe, S. Deokate, B. Mali<sup>4</sup>, and R. Mahale<sup>5</sup>, "PARAMETRIC OPTIMIZATION OF TIG WELDING ON SS 304 AND MS USING TAGUCHI APPROACH," *International Research Journal of Engineering and Technology*, 2019.
- [26] N. Ramadan and A. Boghdadi, "Parametric Optimization of TIG Welding Influence on Tensile Strength of Dissimilar Metals SS-304 And Low Carbon Steel by Using Taguchi Approach," *American Journal of Engineering Research*, vol. 9, pp. 7–14, Sep. 2020.

- [27] S. Omprakasam, K. Marimuthu, R. Raghu, and T. Velmurugan, “Statistical Modelling and Optimization of TIG Welding Process Parameters Using Taguchi’s Method,” *Strojniski Vestnik/Journal of Mechanical Engineering*, vol. 68, no. 3, pp. 200–209, 2022.

