

DAFTAR PUSTAKA

- [1] United Tractors. (2022). Annual Report 2021. Diakses dari <https://www.unitedtractors.com/wp-content/uploads/2022/03/Annual-Report-2021.pdf>
- [2] H. Prasetyo, Rispiana, H. Adanda, “RANCANGAN JIG DAN FIXTURE PEMBUATAN PRODUK COVER ON-OFF” Teknoin Vol. 22 No 5 Desember 2016: 350-360.
- [3] Edward G. Hoffman, “*Type and Function of Jig and Fixture*”, Jig and Fixture Design, Fifth Edition. Clifton Park, New York: Delmar. 2011, Pp 8-9.
- [4] S. P. Putra, M. F. Muvariz, N. A. Prasetyo. “*STUDI KEKUATAN EYEBOLT PADA PROSES PENGANGKATAN WELLHEAD*”, Jurnal Teknologi dan Riset Terapan (JATRA). Vol. 2, Pp. 14-19. Juni 2020.
- [5] D. C. Montgomery, “*Quality Improvement in The Modern Business Environment*”, Introduction to Statistical Quality Control. Six Edition. Tempe, Arizona: John Wiley & Sons. 2009. Hal 4, 8, 868.
- [6] J. M. Juran, & A. B. Godfrey, “*The Quality Control Process*”, Juran’s Quality Handbook. Fifth edition. United State of America: McGraw-hill. 1976. 4.2 section.
- [7] J. Zhou, D. Liang, Y. Lui, T. Huang. “*Robust possibilistic programming-based three-way decision approach to product inspection strategy*”, Information Sciences. Vol 646, pp. 646, July 2023.
- [8] H. Nastini, “*ANALISIS PENGENDALIAN KUALITAS PRODUK DENGAN METODE STATISTICAL QUALITY CONTROL*”, JP Fakultas Ekonomi dan Bisnis UNSOED (Universitas Jendral Soedirman). February. 2016.
- [9] J. P. Kaiser, S. Lang, M. Wurster, G. Lanza, “*A Concept for Autonomous Quality Control for Core Inspection in Remanufacturing*”, 29th CIRP Life Cycle Engineering Conference. Vol 105. Pp 374-379. March 2023.
- [10] E. G. Hoftman, “*Type and Functions of Jig and Fixture*”, JIG AND FIXTURE DESIGN. Fifth Edition. Clifton Partk, USA: Delmar Cengage Learning. 2011. Hal 8.

- E. G. Hoftman, *“Type and Functions of Jig and Fixture”*, JIG AND FIXTURE DESIGN. Fifth Edition. Clifton Park, USA: Delmar Cengage Learning. 2011. Hal 8.
- [11] M. S. Fath, & R. A. Darajatun. *“Tinjauan Perancangan Produksi dan Kualitas Pada Produk Rak Dies di CV Sarana Sejahtera Teknik”*, Jurnal Ilmiah Wahana Pendidikan (Teknik Industri, Universitas Singaperbangsa Karawang). Vol. 8, No.2, Februari 2022.
- [12] V. K. Ananth, S. S. Manian, M. Abinash, & S. Sivarajan. *“Investigating the outline of a reconfigurable leaf jig using static structural analysis”*, Materials Today: Proceedings. Vol. 1. February 2023.
- [13] G. Schuc, atc All. *“Topology Optimisation and Metal based Additive Manufacturing of Welding Jig Elements”*, 53rd CIRP Conference on Manufacturing Systems. Vol. 93. Pp 62-67. September. 2020.
- [14] R. Siva, etc All. *“Improving the productivity and tool life by Fixture modification and renishaw probe technique”*, Material Today: Proceedings. Vol. 24. Pp 782-787. May 2020.
- [15] P. B. Kokasih, *“Mengenal Metode Elemen Hingga (MEH)”*, Teori dan Aplikasi Metode Elemen Hingga. Edisi Pertama. Yogyakarta: ANDI. 2012. Hal 1-2, 5-6.
- [16] D. L. Logan, *“Introduction”*, A First Course in the Finite Element Method. Fourth Edition. University of Wisconsin–Platteville, Canada: Chris Carson. 2017. Pp 2-3.
- [17] J. Fish. & T. Belytschko. *“Direct Approach for Discrete Systems”*, A First Course in the Finite Element Method. John Wiley & Sons, Ltd. Southern Gate, Chichester, West Sussex PO19 8SQ, England.
- [18] D. H. Perez and P. J. M. Castejon. *“Multi-GPU acceleration of large-scale density-based topology optimization”*, Advances in Engineering Software,
- [19] Perez, D. H., & Castejon, P. M. (2020). Advances in Engineering Software. Multi-GPU Acceleration of Large-Scale Density-Based Topology Optimization, 157-158. <https://doi.org/10.1016/j.advengsoft.2021.103006>

- [20] M. P. Bendsoe, O. Sigmund, “*Topology Optimization Theory, Method and Application*”, Springer, Lyngby, 2003.
- [21] A. Verbart, F. V. Kaulen, M. Langerar, “*STRESS-CONSTRAINED TOPOLOGY OPTIMIZATION: A REVIEW*”, Topology Optimization with Stress Constraints. First edition. Netherlands: TU Delft. 2015. Pp 8-11.
- [22] Y. Yu, M. Wei, J. Yu, Y. Cui, R. Gao, Z. Dong, X. Wang. “*Reliability-based design method for marine structures combining topology, shape, and size optimization*”, Ocean Engineering. Vol. 286. Part 1. Agustus 2023.
- [23] R. C. Hibbler. “Stress”, Mechanics of Material. Eighth Edition. United States of America: Pearson Prentice Hall. 2011. Pp. 3-4.
- [24] R. C. Hibbler, “Strain”, Mechanics of Materials. 8th Edition. New York: Pearson Prentice Hall. 2011. Hal 65-69.
- [25] J. M. Gere, & B. J. Goodno, “*TENSION, COMPRESSION, AND SHEAR (Linear Elasticity, Hooke’s Law, and Poisson’s Ratio)*”, Mechanics of Material. 8Th Edition. 200 First Stamford Place, Suite 400 Stamford, CT 06902 USA. 2012. Pp 52-54.
- [26] J. M. Gere, & B. J. Goodno, “*AXIALLY LOADED MEMBERS (Impact Loading)*”, Mechanics of Material. 8Th Edition. 200 First Stamford Place, Suite 400 Stamford, CT 06902 USA. 2012. Pp 191-195.
- [27] A. C. Ugural, “*Introduction (Factor of Safety and Design Codes)*”, MECHANICAL DESIGN OF MACHINE COMPONENTS. 2Nd Edition. 6000 Broken Sound Parkway NW, Suite 300 Boca Raton, FL 33487-2742: Taylor & Francis Group, LLC. 2015. Pp 12-15.
- [28] H. C. Pandit, “*Jigs and Fixtures in Manufacturing*”, Harshwardhan Chandrakant Pandit. International Journal of Engineering Research and Applications www.ijera.com. Vol. 12. Page 54. October. 2022.
- [29] M. F. Ashby, “*The design process*”, Materials Selection in Mechanical Design. Features of the Third Edition. Burlington. 2005. Pp 10-11.
- [30] Oktadiana, H., & Putra, A. G. “*MATERIALS AND EXPERIMENTAL WORK*”, MICROSTRUCTURE AND HARDNESS PROFILE OF

DISSIMILAR LAP JOINT OF TYPE 304 STAINLESS STEEL TO SS400 CARBON STEEL. JMI Vol. 41. Hal 47. Desember. 2019.

- [31] M. Ramezani, Z. M. Ripin. “*Analysis of deep drawing of sheet metal using the Marform proces*”. Vol.59. 491–505. July 2011.
- [32] A. C. Abdulla, A. Muhammed, P. Jithin, N. Pradeep, R. Jibi. “*Designing and Analysis of Lifting Eye Bolt for Various Geometry*”, International Journal of Engineering and Innovative Technology (IJEIT). Vol. 10, Pp 18 – 24. September 2020.
- [33] A. Mahajan, H. Singh, K. Satish, K. Santosh. “*Mechanical properties assessment of TIG welded SS 304 joints*” Materials Today: Proceedings. Vol. 56. Pp 3073-3077. Desember 2021.
- [34] K. Lingadurai, B. Nagasivamuni, M. M. Kamatchi, J. Palavesam. “*Selection of Wire Electrical Discharge Machining Process Parameters on Stainless Steel AISI Grade-304 using Design of Experiments Approach*”, Journal of The Institution of Engineers (India) Series C. Vol 93. Pp 163-170. May 2012.
- [35] G. D. Euler. (29-12-1999) Metric Bolt Strength [Online]. Tersedia pada: <https://euler9.tripod.com/bolt-database/22.html>, (Diakses pada: 03 September 2023).
- [36] J. Jia, X. Yu, X. Zhang, Q. Lv, J. Ye. “*Bolt body axial stress detection based on nut axial stress*”, Journal of Constructional Steel Research. Vol. 211. Agustus 2023.
- [37] T. Gustowski & Etc all, “*Concept of an innovative plasma system for hole-cutting in linear profiles*”, Manufacturing Letters. Vol.36. Pages 30-34. February 2023.
- [38] A. Lazarevic, & D. Lazarevic, “*Effects of plasma arc cutting process parameters on the cutting speed optimization based on the required cut quality*”, CIRP Journal of Manufacturing Science and Technology. Vol.38. Pp 836-843. August 2023.
- [39] H. N. Gupta & etc all, “*INTRODUCTION TO MACHINING AND ITS APPLICATIONS*”, Manufacturing Proses. Second Edition. Ansari Road, Daryaganj, New Delhi: New Age International. 2009. PP 106-107.

- [40] M. P. Groover, “*MACHINING OPERATIONS AND MACHINE TOOLS*”, FUNDAMENTALS OF MODERN MANUFACTURING (Materials, Processes, and Systems). 4th Forth Edition. Bethlehem, Pennsylvania: JOHN WILEY & SONS, INC. 2010. PP 524-526.
- [41] Y. Nakasone, S. Yoshimoto, T. A. Stolarski. “*Overview of ANSYS Structure and Visual Capabilities*”, Engineering Analysis with ANSYS Software. First Edition. Burlington: Elsevier Butterworth-Heinemann. 2006. Pp 37-38.