

References.

- [1] Fatai O. A., Simeon A. I., Isiaka., Oluwole O., and Joseph O. B. Pack Carburization of Mild Steel, using Pulverized Bone as Carburizer: Optimizing Process Parameters. *Leonardo Electronic Journal of Practices and Technologies*, ISSN 1583-1078, issue 16, 2010, pp. 1-12.
- [2] Ahmad, J. K. Carburizing of Steel. *International Journal of Materials Science and Applications*, 2015. 4(2), 11. <https://doi.org/10.11648/j.ijmsa.s.2015040201.13>
- [3] Aramide, F. O., Ibitoye, S. A. and Oladele, I. O. Pack Carburization of Mild Steel using Pulverized Bone as Carburizer. *Optimizing Process Parameters*, 16, 2010, pp. 1–12.
- [4] Ihom, P. A. Case hardening of mild steel using cowbone as Energiser. *African Journal of Engineering Research*, 1(October), 2013, pp. 97–101.
- [5] Ngakan, D. and Putra, K. Carburizer Effectiveness from Different Carbon Sources on Pack Carburizing Process, 2(1), 2016, pp. 5–10.
- [6] Oluwafemi, O. M., Oke, S. R., Otunniyi, I. O. and Aramide, F. O. Effect of carburizing temperature and time on mechanical properties of AISI/SAE 1020 steel using carbonized palm kernel shell. *Leonardo Electronic Journal of Practices and Technologies*, 14(27), 2015, pp.41–56.
- [7] Aramide, F. O., Ibitoye, S. A., Oladele, I. O. and Borode, J. O. Effects of Carburization Time and Temperature on the Mechanical Properties of Carburized Mild Steel Using Activated Carbon as Carburizer. *Materials Research*, 12(4), 2009, pp.483–487. <https://doi.org/10.1590/S1516-14392009000400018>
- [8] Priyadarshini, S., Sharma, T. and Arora, G. Effect of Post Carburizing Treatment on Hardness of Low Carbon Steel. *International Journal of Advanced Mechanical Engineering*, 4(7), 2014, pp. 763–766. Retrieved from <http://www.ripublication.com>
- [9] Saini, B. S. and Gupta, V. K. Fatigue Crack Propagation Behaviour of Some Low Alloy Steels in Case Carburised Condition, 3(September), 2012, pp. 330–339. <https://doi.org/10.1504/IJMATEI.2012.049270>.
- [10] M. Cai, H., Ding, J., Zhang, L. And Li, Z. Tang, Deformation and fracture characteristics of ferrite/bainite dual-phase steels, *Chinese Journal of Materials Research*, 5(2), 2009, pp. 673–683.
- [11] Setiawan, A. Effect of Carburizing Process on Physical and Mechanical Properties of Blower Dinamo Ampere Blade on Diesel Car, Thesis, Surakarta: Universitas Muhammadiyah Surakarta, 2003.
- [12] Liu, C. C., Xu, X. J. and Liu, Z. A. FEM Modeling Of Quenching and Tempering and Its Application in Industrial Engineering, *International Journal of Finite Elements in Analysis and Design*, 39, 2003, pp. 1053-1070.
- [13] Xu, D.H. and Kuang, Z. B. A Study on The Distribution of Residual Stress Due To Surface Induction Hardening, *International Journal of Engineering Materials and Technology*, 118, 1996, pp. 571-575.
- [14] Ennis, P. J. and Lupton, D. F. The relationship between carburization and ductility loss, Behaviour of High Temperature Alloys in Aggressive Environments, In: *Proceedings of the International Conference*; 1979, Oct. 15-18, London: The Metals Society; 1980, pp. 979-991.
- [15] Ward D.M., Influence of carburization on the properties of furnace tube alloys, In: *Corrosion and Mechanical Strength at High Temperatures* Guttman, V. and Merz, M. (Eds.), Applied Science Publishers, Ltd., London, 1981, pp. 71-83