

## DAFTAR PUSTAKA

- ASM, 1985, "Metal Hand Book Ninth Edition Volume 9 Metallography and Microstructures", Ohio, p.p 188.
- ASM, 1993, "Metal Hand Book Ninth Edition Volume 6 Welding, Brazing, and Soldering", Ohio.
- AWS, 1979, "Welding, Terms, and Definitions", AWS Committee on Definitions and Symbols, Miami.
- Cary, H. B., 1994, "Modern Welding Technology", 3<sup>rd</sup> Edition, Englewood Cliffs, Prentice Hall, New Jersey.
- Collins, J. A., 1981, "Failure of Materials in Mechanical Design", John Wiley and Sons Published, Canada.
- Dieter, G. E., 1986, "Mechanical Metallurgy", 3<sup>rd</sup> Edition, McGraw-Hill Inc.
- Fuchs, H. O. and Stephens, R. I., 1980, "Metal Fatigue in Engineering", John Wiley and Sons, USA.
- Goto, M. and Nissitani, H., 1994, "Fatigue Life Prediction on Heat-Treated Carbon Steel and Low Alloy Steel Based on Small Crack Growth Law", Fatigue and Fract. Engng of Master, and Struct. Vol. 17, No. 2, pp. 171-185.
- Ilman, M. Noer, 2001, "Beberapa Hal Penting Dalam Pengelasan", Hand Out, Program Studi Teknik Mesin UGM, Yogyakarta.
- JIS, 1981, "Steel and Cast Iron Product", Japanese International Standards, Jepang.
- Mouser, Jeffrey D., 1998, "Welding Codes, Standards, and Specifications", McGraw-Hill USA.
- Raharjo, Teguh A., "2008, "Pengaruh Heat Treatment dan Surface Treatment Terhadap Sifat Mekanis Baja karbon S45C", Skripsi, Program Studi Teknik Mesin Universitas Gadjah Mada, Yogyakarta.
- Setuhu, Setiyo T., 2007, "Pengaruh Variasi Kuat Arus dan Elektroda Terhadap Sifat Fisis Mekanis dan Kekuatan Fatik Sambungan Las Baja Karbon Rendah Dengan Metode Pengelasan SMAW", Skripsi, Program Studi Teknik Mesin Universitas Gadjah Mada, Yogyakarta.

Subrata, Hendra D., 2007, “Pengaruh Variasi Tipe Elektroda Terhadap Sifat Fisis Mekanis dan Kekuatan Fatik Sambungan Las Baja Karbon Rendah Dengan Metode Pengelasan SMAW”, Skripsi, Program Studi Teknik Mesin Universitas Gadjah Mada, Yogyakarta.

Surdia, T., Saito, S., 1992, “Pengetahuan Bahan Teknik”, Cetakan Kedua, PT. Pradnya Paramita, Jakarta.

Van Vlack, Lawrence H., 1980, “Elements of Materials Science and Engineering, Addison-Wesley, USA.

Wirjosumarto, H. dan Okumura, T., 1991, “Teknologi Pengelasan Logam”, PT. Pradnya Paramita, Jakarta.

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