

DAFTAR PUSTAKA

- Allread, W., G., Marras, W., S., dan Parnianpour, M., 1996, *Trunk kinematics of One-Handed Lifting and The Effects of Asymmetry and Load Weight*, Ergonomics, vol. 39, pp 322-334.
- Arjmand, N., Plamondon, A., Shirazi-Adl, A., Parnianpour, M., Lariviere, C., 2012, *Predictive Equations for Lumbar Spine Loads in Load-Dependent Asymmetric One- And Two-Handed Lifting Activities*, Clinical Biomechanics, vol. 27, pp. 537-544.
- Ayoub, M., M., dan Dempsey, P., G., 1999, *The Psychophysical Approach to Manual Materials Handling Task Design*, Ergonomics, vol. 42, pp. 17-31.
- Badan Pusat Statistik Indonesia, 2014, *Statistik Indonesia 2014*, Jakarta.
- Centers for Disease Control and Prevention, 2011, *Body Mass Index: Considerations for Practitioners*, Washington.
- Chaffin, D., B., dan Anderson, G., B., 1984, *Occupational Biomechanics*, John Wiley & Sons, New York.
- Chaffin, D., B., dan Moulis, E., J., 1969, *An Empirical Investigation of Low Back Pain Strains and Vertebrae Geometry*, Journal of Biomechanics, vol. 2, pp. 89-96.
- Chaffin, D., B., dan Page, G., B., 1994, *Postural Effects on Biomechanical and Psychophysical Weight-Lifting Limits*, Ergonomics, vol. 32, pp. 663-676.
- Chen, F., Aghazadeh, F., Lee, K., S., 1992, *Prediction of The Maximum Acceptable Weight of Symmetrical and Asymmetrical Lift Using Direct Estimation Method*, Ergonomics, vol. 35, pp. 75-768.
- Ciriello, V., M., dan Snook, S., H., 1983, *A Study of Size, Distance, Height, and Frequency Effects on Manual Handling Tasks*, Human Factors, vol. 25, pp. 473-483.
- Dempsey, P., G., 1998, *A Critical Review of Biomechanical, Epidemiological, Physiological and Psychophysical Criteria for Designing Manual Materials Handling Tasks*, Ergonomics, vol. 41, pp. 73-88.
- Dempsey, P., G., dan Fathallah, F., A., 1999, *Application Issues and Theoretical Concerns Regarding The 1991 NIOSH Equation Asymmetry Multiplier*, International Journal of Industrial Ergonomics, vol. 23, pp. 181-191.
- Drury, C., G., Law, C., Pawenski, C., S., 1982, *A Survey of Industrial Box Handling*, Human Factors, vol. 24, pp. 553-565.
- Dul, J., dan Weerdmeester, B., 2008, *Ergonomics for Beginners: A Quick Reference Guide*, CRC Press, London.

- Elfeituri, F., E., 2001, *A Biomechanical Analysis of Manual Lifting Tasks Performed in Restricted Workspaces*, International Journal of Occupational Safety and Ergonomics, vol. 7, pp. 333-346.
- Elfeituri, F., E., dan Taboun, S., M., 2002, *An Evaluation of The NIOSH Lifting Equation: A Psychophysical and Biomechanical Investigation*, International Journal of Occupational Safety and Ergonomics, vol. 8, pp. 243-258.
- Fahle, M., 1998, *Psychophysics as a Tool to Investigate the Visual System*, Neuro-Ophthalmology, vol. 19, pp. 23-31.
- Ferguson, S., A., Marras, W., S., Waters, T., R., 1992, *Quantification of Back Motion During Asymmetric Lifting*, Ergonomics, vol. 35, pp. 845-859.
- Garg, A., 1986, *Maximum Acceptable Weights and Maximum Voluntary Isometric Strengths for Asymmetric Lifting*, Ergonomics, vol. 29, pp. 879-892.
- McGill, S., M., dan Norman, R., W., 1987, *Effects of an Anatomically Detailed Erector Spinae Model on L4/L5 Disc Compression and Shear*, Biomechanics, vol. 20, pp. 591-600.
- Montgomery, D., dan Runger, G., C., 2002, *Applied Statistics and Probability for Engineers*, John Willer & Sons, United States.
- Muslim, E., Nuraini, A., I., dan Puspasari, M., A., 2013, *Analysis of Vertical Multiplier on Revised National Institute for Occupational Safety and Health (NIOSH) Lifting Equation for Male Workers in Indonesia Industry*, Advanced Engineering Forum, vol. 10, pp. 236-242.
- Nelson, G., S., Wickes, H., dan English, J., T., 2008, *Manual Lifting: The NIOSH Work Practices Guide for Manual Lifting Determining Acceptable Weights of Lift*, Nelson & Associates, Texas.
- Nuraini, A., I., 2012, *Analisis Vertical Multiplier dalam Persamaan Revised National Institute for Occupational Safety and Health (NIOSH) Lifting Bagi Pekerja Laki-Laki Industri Indonesia*, Skripsi, Universitas Indonesia.
- Nussbaum, M., A., Chaffin, D., B., Page, G., B., 1995, *A Biomechanical Investigation of The Asymmetric Multiplier in The Revised NIOSH Lifting Equation*, Human Factors and Ergonomics Society 39th Annual Meeting, United States.
- OSHA, 2007, *Ergonomic Guidelines for Manual Material Handling*, California Department of Industrial Relations, California.
- OSHA, 2007, *Hazards and Risk Associated with Manual Handling in The Workplace*, E-Facts.
- Presiden Republik Indonesia dan Dewan Perwakilan Rakyat Republik Indonesia, 2003, *Undang-Undang Republik Indonesia Nomor 13 Tahun 2003 tentang Ketenagakerjaan*, Jakarta.

- Physiopedia, 2014, *Lumbosacral Biomechanics*, http://www.physio-pedia.com/Lumbosacral_biomechanics, online accessed 20 June 2015.
- Razali, N., M., dan Wah, Y., B., 2011, *Power Comparisons of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors and Anderson-Darling Tests*, Journal of Statistical Modeling and Analytics, vol. 2, pp. 21-33.
- Roscoe, J., T., 1975, *Fundamental Research Statistics for The Behavioural Sciences* 2nd edition, Holt Rinehart & Winson, New York.
- Salmiah, 2001, Analisis Faktor Pengali Asimetrik pada Persamaan Pembebanan NIOSH untuk Pekerja Indonesia, Skripsi, Institut Teknologi Bandung.
- Spine-Health, 2013, *Lumbar Spine Anatomy and Pain*, <http://www.spine-health.com/conditions/spine-anatomy/lumbar-spine-anatomy-and-pain>, online accessed 10 August 2015.
- Snook, S., H., dan Ciriello, V., M., 1974, *Maximum Weights and Work Loads Acceptable to Female Workers*, Occupational Health Nursing, vol. 22, pp. 11-20.
- Snook, S., H., 1978, *The Design of Manual Handling Tasks*, Ergonomics, vol. 21, pp. 963-985.
- University of Michigan, 2014, *3D Static Strength Prediction Program Version 6.0.6 User's Manual*, United States.
- US Department of Health and Human Services, 1981, *Work Practices Guide for Manual Lifting*, United States.
- Waters, T., Anderson V., Garg, A., dan Fine, L., 1993, *Revised NIOSH Equation for Design and Evaluation of Manual Lifting Task*, Ergonomics, vol. 36, no. 7, pp. 749-776.
- Wirasadha, D., A., 2015, Studi Penentuan *Load Constant* pada NIOSH *Lifting Equation* Berdasarkan Kriteria Psikofisik dengan Menggunakan Subjek Mahasiswi Indonesia, Skripsi, Universitas Gadjah Mada.
- Waters, T., Anderson V., Garg, A., and Fine, L., 1994, *Applications Manual for the Revised Niosh Lifting Equation*, Ergonomics, U.S. Department Of Health And Human Services, Ohio.
- Wu, Swei-Pi, 2000, *Psychophysically Determined Symmetric and Asymmetric Lifting Capacity fo Chinese Males for One Hour's Work Shift*, International Journal of Industrial Ergonomics, vol. 25, pp. 675-682.
- Wu, Swei-Pi, 2003, *Maximum Acceptable Weights for Asymmetric Lifting of Chinese Females*, Applied Ergonomics, vol. 23, pp. 215-224.

Wulandari, N., W., 2015, Validasi Nilai *Load Constant (LC) Revised* NIOSH *Lift Equation* pada Subjek Mahasiswi Indonesia Berdasarkan Kriteria Fisiologi, Skripsi, Universitas Gadjah Mada.