



DAFTAR PUSTAKA

- Abadi, A.S.S., Mazlomi, A., Saraji, G.N., Zeraati, H., Hadian, M.R., & Jafari, A.H. 2015. *Effects of box size, frequency of lifting, and height of lift on maximum acceptable weight of lift and heart rate for male university students in Iran. Electronic physician*, 7(6), 1365.
- Arimurti, M. 1995. *Penelitian Aspek-aspek Ergonomi pada Pekerjaan Penanganan Material secara Manual*. Bandung: Teknik Industri ITB
- Asadi, N., Choobineh, A., Keshavarzi, S., Daneshmandi, H. 2015. *A Comparative Assessment of Manual Load Lifting Using NIOSH Equation and WISHA Index Methods in Industrial Workers of Shiraz City*. Research Center for Health Sciences. Iran : Shiraz University of Medical Sciences
- Astrand, P.O & Rodahl, K. (Ed.). 2003. *Textbook of Work Physiology: Physiological Bases of Exercise* (4th ed.): NewYork:McGraw-Hill.
- Boda,S., Garg, A., & Campbell-Kyureghyan, N. 2012. *Can the Revised NIOSH Lifting Equation Predict Low Back Pain Incidence in a '90-day-pain-free-cohort'?*. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 56, No. 1, pp. 1178-1182). SAGE Publications.
- Bonato, P., Ebenbichler, G.R., Roy, S.H., Lehr, S., Posch, M., Kollmitzer, J., Della, C.U., 2003. *Muscle fatigue and fatigue related biomechanical changes during a cyclic lifting task*. Spine 28, 1810–1820
- Bridger, R.S. 1995. *Introduction to Ergonomics*. Singapore: McGraww Hill, Inc.
- Care, B., Quarrie, C., & Monnington, S.C. 2002. *Testing and improving the usability of the Manual handling Assessment Chart (MAC)*.
- Council Directive. 1990. *Minimum Health and Safety Requirements for Manual Handling of Loads Where There is Particularly of Back Injury to Workers*. Office for Official Publications of the European Communities.
- Dahlan, M.S. 2009. *Penelitian Diagnostik: Dasar-dasar Teoritis dan Aplikasi dengan Program SPSS dan Stata*. Jakarta: Salemba Medika.
- Dormohammadi, A., Motamedzade, M., Sardrodi, A., Zarei, E., Asghari, M., & Musavi, S. 2013. *Comparative Assessment of Manual Material Handling Using the Two Methods of MAC and Revised NIOSH Lifting Equation in A Tile Manufacturing Company*. Iran: *Iran Occupational Health*, 10(5).
- Garndjean, E. 1993. *Fitting the Task to the Man*, 4th ed. London: Taylor and Francis Inc



Health and Safety Executive (HSE). 2003. *Manual Handling Assessment Chart*, First published. Available: <http://www.hse.gov.uk/pubns/indg383.pdf>. Di akses pada 15 September 2016.

Hidayat, A.A. 2007. *Metode Penelitian Keperawatan dan Teknik Analisis Data*. Jakarta: Salemba Medika.

Hooftman, W., Klein, H.J., Genabeek, V.J., Wiezer, N., Willems, D. 2011. *Working Conditions Overview: Quality of Labour, Consequences and Measures Taken in the Netherlands*.

Hunter, S.K., White, M.J., Thompson, M.W. 1998. *Techniques to evaluate elderly human muscle function: a physiological basis*. J Gerontol Biol Sci. 53A:B204-B216.

Industrial Accident Prevention Association. 2008. *Manual Material Handling*. <http://www.iapa.ca/pdf/manmat.pdf>. Di akses pada 21 Oktober 2016.

Keikha, M. 2012. *Ergonomics Assessment Methoda Selection and Application Guide*. 1. 1 ed. Tehran: Fanavar; p. 145-16

Kingma, I., Bosch, T., Bruins, L., & Van Dieën, J.H. 2004. *Foot positioning instruction, initial vertical load position and lifting technique: effects on low back loading*. *Ergonomics*, 47(13), 1365-1385.

Kuijer, P.P.F., Verbeek, J.H., Visser, B., Elders, L.A., Van Roden, N., Van den Wittenboer, M.E & Hulshof, C.T. 2014. *An Evidence-based Multidisciplinary Practice Guideline to Reduce the Workload Due to Lifting for Preventing Work-related Low Back Pain*. *Annals of occupational and environmental medicine*, 26(1), 1.

Kuorinka, I., Jansson, B., Kilbom, A., Vinterberg, H., Biering, S.F., Andersson, G., Jørgensen K. 1987. *Standard Nordic Questionnaires for the analysis of musculoskeletal symptoms*. *Institute of Occupational Health, Department of Physiology*, Helsinki, Finland. ApplErgon 1987; 18(3): 233-7.

Landis, J.R., Koch, G.G. 1977. *The Measurement of Observer Agreement for Categorical Data*. Biometrics 1977; 33: 159-174.

Landis, J.R., Koch, G.G. 1977. *An Application of Hierarchical Kappa-type Statistics in the Assessment of Majority Agreement Among Multiple Observers*. Biometrics 1977; 33: 363-74.

Lavender, S.A., Andersson, G.B., Schipplein, O.D., & Fuentes, H.J. 2003. *The effects of initial lifting height, load magnitude, and lifting speed on the peak dynamic L5/S1 moments*. International Journal of Industrial Ergonomics, 31(1), 51-59.

Lee, D., Fereirra, J.J. 2003. *Reliability and usability evaluation of the Manual handling Assessment Charts (MAC) for use by non-regulatory professionals*. UK: Human Factors Group,HSL



Lin, C.J., Wang, S.J., Chen, H.J. 2006. *A Field Evaluation Method for Assessing Whole Body Biomechanical Joint Stress in Manual Lifting Tasks*. Industrial health; 44(4): 604-12.

Marras, W.S., Fine, L.J., Ferguson, S.A., & Waters, T.R. 1999. *The Effectiveness of Commonly Used Lifting Assessment Methods to Identify Industrial Jobs Associated with Elevated Risk of Low-back Disorders*. Ergonomics, 42(1), 229-245.

Mas'idah, E., Fatmawati, W., & Ajibta, L. 2009. *Analisa Manual Material Handling (MMH) dengan Menggunakan Metode Biomekanika untuk Mengidentifikasi Resiko Cidera Tulang Belakang (Musculoskeletal Disorder)(Studi Kasus pada Buruh Pengangkat Beras di Pasar Jebor Demak)*. Majalah Ilmiah Sultan Agung, 45(119), 37-56.

McHugh, M.L. 2012. *Interrater Reliability: The Kappa Statistic*. Biochimia Medica, 22(3), 276-282.

Monnington, S.C., Pinder, D.J.A., & Quarrie, C. 2002. *Development of an Inspection Tool for Manual Handling Risk Assessment*. England: Health & Safety Laboratory.

Motamedzade, M., Dormohammadi, A., Sardrodi, A.H., Zarei, E., Dormohammadi, R. 2013. *The Role of Ergonomic Design and Application of NIOSH Method in Improving the Safety of Load Lifting Tasks*. Arak Medical University Journal; 16(75): 90-100.

Muslimah, E., Pratiwi, I., & Rafsanjani, F. 2013. *Analisis Manual Material Handling Menggunakan NIOSH equation*.

National Institute of Occupational Safety and Health. 1981. *Work Practice Guide for Manual Handling*. NIOSH Technical Report No. 81-122, US Department of Health and Human Service, National Institute for Occupational Safety and Health. Cincinnati: OH

NERC Health and Safety Procedure. 2014. *Safety in Manual Handling of Loads*. NERC Science of Environment.

Ningrum, I. D., Susetyo, J., & Oesman, T. I. 2014. *Analisis Postur Kerja dengan Metode OWAS dan NIOSH pada Pekerja Manual Material Handling Bagian Loading-Unloading Bandara Adisutjipto Yogyakarta (Studi Kasus PT. Gapura Angkasa)*. Institut Sains dan Teknologi AKPRIND Yogyakarta.

Nisfiannoor, M. 2009. *Pendekatan Statistika Modern Untuk Ilmu Sosial*. Jakarta: Salemba Humanika.

Pinder, A.D.J., & Boocock, M.G. 2014. *Prediction of the maximum acceptable weight of lift from the frequency of lift*. International Journal of Industrial Ergonomics, 44(2), 225-237.



Pinder, A.D.J. 2002. *Benchmarking of the Manual Handling assessment Charts (MAC)*. Sheffield (United Kingdom): Health & Safety Laboratory. Report 31.

Pollit, D.F., & Beck, C.T. 2004. *Nursing Research: Principles and Methods*. (7th ed). USA: Lippincott Williams & Wilkins.

Randall, B., and Jeter, G. 2003. *A guide to manual materials handling and back safety*. N.C. Department of Labor, Division of Occupational Safety and Health, from <http://www.nclabor.com/osha/etta/indguide/ig26.pdf>

Rangkuti, F. 2008. *The power of brands: Teknik Mengelola Brand Equity dan Strategi Pengembangan Merek dan Analisis Kasus dengan SPSS*. Jakarta: Gramedia Pustaka Utama.

Sarmauly, S.R. 2009. *Evaluasi Postur Tubuh di Tinjau Dari Segi Ergonomi di Bagian Pengepakan Pada PT Coca Cola Bottling Indonesia Medan*. Medan: Skripsi Teknik Industri. USU.

Sastroasmoro, S. 2010. *Dasar-dasar metodologi penelitian klinis*. Jakarta: Sagung Seto.

Shin, H.J., & Kim, J.Y. 2007. *Measurement of trunk muscle fatigue during dynamic lifting and lowering as recovery time changes*. *International journal of industrial ergonomics*, 37(6), 545-551.

Singh, D., Park, W., & Levy, M.S. 2009. *Obesity does not reduce maximum acceptable weights of lift*. *Applied ergonomics*, 40(1), 1-7.

Soltanzadeh, A., Abedini, R., Choobineh, A., Gholami, M., Amiri, F., & Hashyani, A.A. 2013. *Ergonomic Risk Assessment of Lifting Activities; a Case Study in a Rubber Industry*. *Jundishapur Scientific Medical Journal*, 5(1), 9-15.

Tabrizi, A., Biganeh, J., Nasab, S.M.H., Gharibzadeh, S., Zakerian, S.A., Panjali, Z & Moshtaghi, S. 2015. *Evaluating the Agreement Results of the Manual Material Handling Methods (MAC, NIOSH, Washington, and TLV)*. Indian Journal of Fundamental and Applied Life Sciences ISSN. An Open Access, Online International Journal 2015 Vol. 5 (S3), pp. 2417-2421

Tarwaka. 2010. *Ergonomi Industri Dasar-Dasar Pengetahuan Ergonomi dan Aplikasi di Tempat Kerja*. Solo: Harapan Press.

Viera A.J., Garrett J.M. 2005. Understanding interobserver agreement: the kappa statistic. *Fam Med*; 37(5): 360-3.

Waters, M. 1993. *Revised NIOSH Equation for the Design and Evaluation of Manual Lifting tasks*. Appendix I.



Wijaya, A. 2008. *Analisa Postur Kerja dan Perancangan Alat Bantu untuk Aktivitas Manual Material Handling Industri Kecil (Studi kasus: Industri Kecil Pembuatan Tahu di Kartasuro)*. Doctoral dissertation: Universitas Muhammadiyah Surakarta.

Wood, G. L., & Haber, J. 2006. *Nursing research: Methods and Critical Appraisal for Evidence Based Practice*. Missouri: Mosby.

Wu, S.-P., Hsu, S.-H., 200. *Psychophysical modeling of lifting capacity of Chinese males using strength variables*. Appl. Ergonomics 24, 251–25