

DAFTAR PUSTAKA

- Armstrong, L.E., et al., 1997, *Thermal and Circulatory Strain Responses During Exercise: Effects of Hypohydration, Dehydration, and Water Intake*, vol 82, No 6, hal 2028-2035, Journal of Applied Physiology.
- Arts, F.J.P., Kuipers, H., Jeukendrup, A.E., dan Saris, W.H.M., 1993, *A Short Cycle Ergometer Test to Predict Maximal Workload and Maximal Oxygen Uptake*, vol 14, hal 460-464, International Journal Sports Medicine.
- Astrand, P.O., Rodahl, K., 1986, *Textbook of Work Physiology: Physiological Bases of Exercise*, 3rd ed., McGraw-Hill Book Company, New York.
- Choi, J.W, Kim, M.J., dan Lee, J.Y., 2008, *Alleviation of Heat Strain by Cooling Different Body Areas During Red Peppers Harvest Work at WBGT 33°C*, vol 46, hal 620-628, Industrial Health.
- Devore, J.L., 2004, *Probability and Statistics for Engineer and The Sciences*, 6th ed., Thomson Brooks, Belmont.
- Gotshall, R.W., Dahl, D.J., dan Marcus, N.J., 2001, *Evaluation of Physiological Strain Index for Use During Intermittent Exercise in The Heat*, vol 4, No 3, hal 22-29, Journal of Exercise Physiology Online.
- Grandjean, E., 1986, *Fitting The Task to The Man*, 3rd ed., Taylor and Francis: London
- Guyton, A.C., Hall, J.E., *Buku Ajar Fisiologi Kedokteran*, 11st ed., Penerbit Buku Kedokteran EGC, Jakarta.
- Hoyt, Reed W., et al., 2001, *Physio-Med Web: Real Time Monitoring of Physiological Strain Index (PSI) of Soldiers During an Urban Training Operation*, vol 76, hal 32.1-32.11, RTO-MP.

Kenefick, R.W., Pierre, St., Riel, N.A., Cheuvront., S.M., dan Castellani, S.W., 2008, *Effect of Increased Plasma Osmolality on Cold Induced Thirst Attenuation*, vol 104, hal 1013-1019, European Journal of Applied Physiology.

Kristensen, M., Hansen, T., 2004., *Statistical Analyses of Repeated Measure in Physiological Research: A Tutorial*, vol 28, hal 2-14, Advanced Physiology Education.

Kroemer, K.H.E., Kroemer, H.B., dan Kroemer, E., 1994, *Ergonomics: How to Design for Ease and Efficiency*, Prentice Hall International, New Jersey

Kumar, P., Clark, M., 2006, *Clinical Medicine*, 6th ed., Elsevier Saunders, London.

Maresh, C.M., et al., 2004, *Effect of Hydration Status on Thirst, Drinking, and Related Hormonal Responses During Low Intensity Exercise in The Heat*, vol 97, hal 39-44, Journal of Applied Physiology.

Montgomery, Douglas C., 2001, *Design dan Anlysis of Experiment*, 5th ed., John Wiley and Sons. Inc, New York.

Moran, D.S., Shitzer, A., Pandolf, K.B., 1998, *A Physiological Strain Index to Evaluate Heat Stres*, vol 44, hal 129-134, American Journal Physiological.

Moran, D.S., Montain, S.J., dan Pandolf, K.B., 1998, *Evaluation od Different Levels of Hydration Using A New Physiological Strain Index*, vol. 44, hal 854-860, The American Physiological Society.

Mundel, T., King, J., Collacot E., dan Jones, David A., 2006, *Drink Temperature Influences Fluid Intake and Endurance Capacity in Men During Exercise in A Hot, Dry Environment*, vol. 91, hal 925-933, Experimental Physiology.

Newman, B.H., Martin, C.A., *The Effects of Hot Beverages, Cold Beverages, and Chewing Gum on Oral Temperature*, vol 41, hal 1241-1243, Tranfusion.

Nurmianto, E, 2004, *Ergonomi, Konsep Dasar dan Aplikasinya*, PT. Guna Widya, Jakarta.

Peters, Bjorn, 2001, *Driving Performance and Workload Assessment of Drivers with Tetraplegia: An Adaptation Evaluation Framework*, Vol. 38, no. 2, hal 215-224, Journal of Rehabilitation Research and Development.

Pulat, B. Mustafa, 1992, *Fundamental of Industrial Ergonomics*, Waveland Press, Illinois.

Saat M., Tochihara Y., Hashiguchi N., Sirisinghe, R.G., Fujita M. dan Chou, C.M., 2005, *Effects of Exercise in Heat on Thermoregulation of Japanese and Malaysian Males*, vol 24, Issue 4, hal 267-275, Journal of Physiological Anthropology and Applied Human Science.

Sandick, B.L., Engell, D.B., dan Maller, O., 1984, *Perception of Drinking Water Temperature and Effects for Human After Exercise*, vol 32, Issue 5, hal 851-855, Physiology and Behaviour.

Sawka, Michael N., et al., 2007, Exercise and Fluid Replacement, hal 377-390, Official of American College of Sports Medicine.

Sutalaksana, I.Z., dkk, 1979, *Teknik Tata Kerja*, Departemen Teknik Industri ITB, Bandung.

Taylor, Nigel A.S., 2006, *Challenges to Temperature Regulation When Working in Hot Environments*, vol 44, hal 331-344, Industrial Health.

Thomas, K.A., Savage, M.V., dan Brengelmann, G.L., 1997, *Effect of Facial Cooling on Tympanic Temperature*, vol 6, Issue 1, hal 46-51, American Assosiation of Critical Care Nurses.

Tortora, G.J., Derrickson, B.H., 2009, *Principles of Anatomy and Physiology: Maintenance and Continuity of The Human Body*, vol. 2, 12th ed., John Wiley & Sons, Inc, Danvers.



UNIVERSITAS
GADJAH MADA

**ANALISIS PENENTUAN TEMPERATUR UNTUK MENGURANGI BEBAN KERJA FISIK
DENGAN PENDEKATAN ANALISIS
PENENTUAN TEMPERATUR ASUPAN AIR MINUM UNTUK MENGURANGI BEBAN KERJA FISIK
DENGAN PENDEKATAN PHYSIOLOGICAL STRAIN INDEX ASUPAN AIR MINUM
UNTUK MENGURANGI BEBAN KERJA FISIK STRAIN
INDEX(PSI)**

Radityo Harya pamungkas, Dr. Ir. I Made Miasa, S.T., M.Sc

Universitas Gadjah Mada, 2009 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Wickens, C.P., et. al. 2004, *An Introduction to Human Factors Engineering*, 2nd ed., Prentice Hall, New Jersey.

Wignjosubroto, S., 1995, *Ergonomi, Studi Gerak dan Waktu: Teknik Analisis untuk Peningkatan Produktivitas Kerja*, PT. Guna Widya, Jakarta.

Yoshitomi, Y., Nagakura, C., dan Miyauchi, A., 2005, *Significance of Mean Blood Pressure Control*, vol 46, No 4, hal 691-698, International Heart Journal