

APPENDIX 7

References/Bibliography

REFERENCES

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1. McAtamney, L., and Corlett, E.N., (1993). RULA - A Survey Method for the Investigation of Work Related Upper Limb Disorders. *Applied Ergonomics* (Vol. 24, No. 2, p. 92).
2. Chaffin, D.B., and Anderson, G.B.J. (1984). *Occupational Biomechanics*. New York: John Wiley & Sons. (p. 336-341).
3. Kemmlert, K., (1994). A Method Assigned for the Identification of Ergonomic Hazards - PLIBEL. *Scandinavian Journal of Rehabilitation Medicine* (Vol. 26, pp. 1-21).
4. Keyserling, W.M., Stetson, D.S., Silverstein, B.A., and Brouwer, M.L., (1993). A Checklist for Evaluation Ergonomic Risk Factors Associated with Upper Extremity Cumulative Trauma Disorders. *Ergonomics* (Vol. 36, No. 7, p. 811).
5. Kilbom, A. (1988). Intervention Programmes for Work-Related Neck and Upper Limb Disorders: Strategies and Evaluation. *Ergonomics* (Vol. 31, No.5, p. 276)
6. Putz-Anderson, V., (1992). *Cumulative Trauma Disorders: A Manual for Musculoskeletal Diseases of the Upper Limb*. Thoracic Taylor & Francis., London (p. 52).
7. Punnet, L., Robbins, J.M., Wegnan, D.H. and Keyserling, M., (1985). Soft Tissue Disorders In The Upper Limbs Of Female Garment Workers, *Scandinavian Journal of Work and Environmental Health* (pp. 417-425).
8. Hagberg, M. and Wegman, D.H. 1987, Prevalence Rates and Odds Ratio of Shoulder-Neck Diseases in Different Occupational Groups. *British Journal of Industrial Medicine*, (Vol. 44, pp. 602-610).
9. Stetson, D.D., Keyserling, W.M., Silverstein, B.A., and Leonard, J.A., (November 1991). Observational Analysis of the Hand and Wrist: A Pilot Study. *Applied Occupational and Environmental Hygiene*. DOL & State of Washington (Vol. 6, No. 11, p. 935).
10. Van Cott, H.P., and Kincade, R.G., (1972). *Human Engineering Guide to Equipment Design*. (p. 72). Washington D.C., U.S. Government Printing Office.
11. Putz-Anderson, V. *op. cit.* (p. 62)

12. Snook , S.H., Ciriello, V.M., (1991). The Design of Manual Materials Handling Tasks: Revised Tables of Maximum Acceptable Weights and Forces. *Ergonomics* (Vol. 34, No. 9., p. 1210).
13. Wells, J.A., Zipp, J.F., Schuetter, P.T. and McEleney, J., (1983). Musculoskeletal Disorders Among Letter Carriers. *Journal of Occupational Medicine* (pp. 814-820).
14. Eastman Kodak. (1986). *Ergonomic Design for People at Work*. New York: Van Nostram Reinhold. (Vol. 2, p.141).
15. Marras, W.S., Leurgans, S.E., Lavander, S.A., Allread, G.S., Fathallah, F.A., Ferguson, S.A., Rajulu, S.L. (1993). Three Diminsional Dynamic Trunk Motions, Workplace Factors, and Occupational Low Back Disorders. *The Ergonomics of Manual Work*, Taylor and Francis, Ltd. London. (pp. 155-158).
16. Schoenmarklin, R.W., Marras, W.S. and Leurgans, S.E. (1994) Industrial Wrist Motions and Increase of Hand/Wrist Cumulative Trauma Disorders. *Ergonomics* (Vol. 37, No. 9 pp.1449-1459).
17. Chaffin and Anderson. *op. cit.* (p.347)
18. Chaffin, D.B. (1973). Localized Muscle Fatigue: Definition and Measurement. *Journal of Occupational Medicine* (Vol. 15, pp. 346-354).
19. Kilbom, A., Persson. J. and Jonsson, B.G., (1986). Disorders of the Cervicobrochial Region Among Female Workers in the Electronics Industry. *International Journal of Industrial Ergonomics* (Vol 1., pp. 37-47).
20. American National Standards Institute (ANSI) Draft Standard Z-365, (June 1993). *Control of Trauma Disorders* (pp. 6-4).
21. U.S. Department of Labor, Occupational Safety and Health Administration, (1995) *Draft Ergonomics Protection Standard*. Washington, D.C.
22. Kilbom, A., Persson. J., (1988). Work Technique and its Consequences for Musculoskeletal Disorder. *Ergonomics* (Vol. 31, No. 5, p. 275). Research Department of the Swedish National Board of Occupational Safety and Health, S-17184, Solna, Sweden.
23. Putz-Anderson, V. *op. cit.* (p. 23).
24. Stetson. *op. cit.* (pp. 927-937).
25. Silverstein. B.A., Fine, L.J., and Armstrong, T.J. (1987). Occupational Factors and Carpal Tunnel Syndrome. *American Journal of Industrial Medicine* (Vol. 11, pp. 343-358).

26. Hammer, A.W. (1934). Tenosynovitis, *International Record of Medicine*. (pp. 139-140). Taubman Medical, 610.5 M5 J86 R4.
27. Putz-Anderson, V. *op. cit.* (p. 23).
28. Putz-Anderson, V. *op. cit.* (p. 66).
29. Keyserling, et. al. *op. cit.* (p. 810).
30. Van Cott, H.P., and Kincade, R.G., (1972). *Human Engineering Guide to Equipment Design*. Washington D.C., U.S. Government Printing Office (p. 72).
31. Putz-Anderson, V. *op. cit.* (pp. 68-69).
32. Mc Alamney and Corlett. *op. cit.* (pp. 93-94).
33. Keyserling, W.M., (1986) A Computer-Aided System to Evaluate Postural Stress in the Workplace. *American Industrial Hygiene Association Journal* (Vol. 47, pp. 641-649).
34. Waters, T., Putz-Anderson, V., A. Garg., (1994). *Applications Manual for the Revised NIOSH Lifting Equation*. U.S. Department of Health & Human Services, Centers for Disease Control, Cincinnati, Ohio.
35. U.S. Dept of Health and Human Services (1989) *NIOSH Criteria for a Recommended Standard for Occupational Exposure to Hand Arm Vibration* DHHS(NIOSH) Publication No. 89-106.
36. Mattila, M., Karwowski, W., and Vilkkko, M. (1993, December). Analysis of Working Postures in Hammering Tasks on Building Construction Sites Using the Computerized OWAS Method. *Applied Ergonomics* (Vol. 24, No. 6).
37. Bergqvist, U., (1995). Video Display Terminal Work--A Perspective on Long-Term Changes. *International Journal of Industrial Ergonomics* (Vol. 16, pp. 201 - 209).
38. Canadian Standards Association, (1989). *Office Ergonomics: A National Standard of Canada* (p. 80).
39. USAF Technical Report on Indoor Air Quality, (p. 24).
40. AFOSH STD 48-19, Chapter 2.
41. Canadian Standards Association, (1989). *Office Ergonomics: A National Standard of Canada* (p. 69).
42. Canadian Standards Association, (1989). *Office Ergonomics: A National Standard of Canada* (p.63).

43. American National Standards Institute (ANSI)/Human Factors Society Standard 100, (1988). *Human Factors Engineering of Visual Display Terminal Workstations* (p. 14).
44. Canadian Standards Association, (1989). *Office Ergonomics: A National Standard of Canada* (pp. 72-75).
45. Wasserman, Donald E., Ed. Gavriel Salvendy, (1987). Human Aspects of Occupational Vibration. *Advances in Human Factors/Ergonomics*, 8: Elsevier, New York.

BIBLIOGRAPHY

BIBLIOGRAPHY

- Abu-Ali, M., Purswell, J.L., and Schlegel, R.E. (1994, September). Psychophysically Determined Work-Cycle Parameters for Repetitive Hand Gripping. *International Journal of Industrial Ergonomics*.
- Adams, M., Franklin, G., and Barnhart, S. (1994). Outcome of Carpal Tunnel Surgery in Washington State Workers' Compensation. *American Journal of Industrial Medicine* (Vol. 25, pp. 527-536).
- AFI 48-101. *Aerospace Medical Operations*.
- AFI 91-301. *Air Force Occupational & Environmental*.
- AFOSH STD 127-31. *Personal Protective Equipment*.
- AFOSH STD 161-17. *Standardized Occupational Health Program*.
- AFOSH STD 48-1. *Respiratory Protection Program*.
- AFOSH STD 48-17. *Integrated Occupational Health Program*.
- AFOSH STD 48-3 (Draft). *Ergonomics Program*.
- AFOSH STD 91-204. *Investigating & Reporting US Air Force Mishaps*.
- AFOSH STD 48-19, Chapter 2.
- Aghazadeh, F., Bisesi, M.S., Rivas, R.D. (1995). Comfort of Personal Protective Equipment. *Applied Ergonomics*, (Vol. 26, No. 3, pp. 195-198).
- American National Standards Institute (ANSI) Draft Standard Z-365, (June 1993). *Control of Trauma Disorders* (pp. 6-4).
- American National Standards Institute (ANSI) National Safety Council Draft Standard Z-365, (1995, April 17). *Control of Work Related Cumulative Trauma Disorders*. Working draft.
- American National Standards Institute (ANSI) National Safety Council Draft Standard Z-365, (1992, June 11). *Control of Cumulative Trauma Disorders*. Draft Outline.
- American National Standards Institute (ANSI)/Human Factors Society Standard 100, (1988). *Human Factors Engineering of Visual Display Terminal Workstations*.

- Application of Survival Analysis to CTD Risk Assessment. (1992). In *Proceedings of the Human Factors Society 36th Annual Meeting*.
- Armstrong, T., Werner, R., Waring, W., and Foulke, J. (1986). *Intra-Carpal Canal Pressure in Selected Hand Tasks*. The University of Michigan.
- Bartko, J. J. and Carpenter, W. T. (1976). On the Methods and Theory of Reliability. *The Journal of Nervous and Mental Disease* (Vol. 163, No. 5, pp. 307-317).
- Bateman, J.E. (1983). Neurologic Painful Conditions Affecting the Shoulder. *Clinical Orthopaedics and Related Research* (Vol. 173, pp. 44-54).
- Batra, S., Wang, M.J., and Bishu, R.R. (1994). Glove attributes: Can They Predict Performance? *International Journal of Industrial Ergonomics* (Vol. 14, pp. 201-209).
- Bergqvist, M.G., Almby, B., Jansson, E.S. (1994). Hand and Shoulder Ailments Among Laboratory Technicians Using Modern Plunger-Operated Pipettes. *Applied Ergonomics* (Vol. 25, No. 2, p. 88).
- Bergqvist, U. (1995). Video Display Terminal Work - A Perspective on Long Term Changes. *International Journal of Industrial Ergonomics*. (Vol. 16, pp. 201-209).
- Bigos, S., Battie, M., Spengler, D., Fisher, L., Fordyce, W., Hansson, T., Nachemson, A., and Wortley, M. (1991). A Prospective Study of Work Perceptions and Psychosocial Factors Affecting the Report of Back Injury. *Spine* (Vol. 16, No. 1, pp. 1-6).
- Bishu, R.R., and Klute, G. (1995). The Effects of External Vehicular Activity (EVA) Gloves on Human Performance. *International Journal of Industrial Ergonomics* (Vol. 16, pp. 165-174).
- Bjelle, A., Hagberg, M. and Michaelsson, G. (1979). Clinical and Ergonomic Factors in Prolonged Shoulder Pain Among Industrial Workers. *Scandinavian Journal of Work, Environment & Health* (Vol. 5, pp. 205-210).
- Bond, G.G., Bodner, K.M., Sobel, W. Shellenberger, R.J. and Flores, G.H. (1988). Validation of Work Histories Obtained from Interviews. *American Journal of Epidemiology* (Vol. 128, No. 2, pp. 343-351).
- Borg, G. (1970). Perceived Exertion as an Indicator of Somatic Stress. *Scandinavian Journal of Rehabilitation Medicine* (Vol. 2, pp. 92-98).
- Brennan, R.L. and Prediger, D.J. (1981). Coefficient Kappa: Some Uses, Misuses and Alternatives. *Educational and Psychological Measurement*. (Vol. 41, pp. 687-699).
- Burdorf, A. (1992). Exposure Assessment of Risk Factors for Disorders of the Back in Occupational Epidemiology. *Scandinavian Journal of Work, Environment & Health* (Vol. 18, pp. 1-9).

- Cakir, A., Hart, D.J., and Stewart, T.F.M. *Visual Display Terminals: A Manual Covering Ergonomics Workplace Design, Health and Safety, Task Organization*. Chichester: John Wiley & Sons.
- Canadian Standards Association (1989). *Office Ergonomics: A National Standard of Canada* (p. 56). (CAN/CSA-Z412-M89). Canadian Standards Association., Rexdale, Ontario.
- Carrasco, C., Coleman, N., and Healey, S. (1995). Packaging Products for Customers: An Ergonomics Evaluation of Three Supermarket Checkouts. *Applied Ergonomics* (Vol. 26, No. 2, p. 101).
- Chaffin, D. B., Park, K. S. (1973). A Longitudinal Study of Low-Back Pain as Associated with Occupational Weight Lifting Factors. *American Industrial Hygiene Association Journal*, (pp. 513-525).
- Chaffin, D.B. (1973). Localized Muscle Fatigue: Definition and Measurement. *Journal of Occupational Medicine* (Vol. 15, pp. 346-354).
- Chaffin, D.B., and Andersson, G.B.J. (1984). *Occupational Biomechanics*. New York: John Wiley & Sons.
- Cheadle, A., Franklin, G., Wolfhagen, C., Savarino, J., Liu, P., Salley, C., and Weaver, M. (1994, February). Factors Influencing the Duration of Work-Related Disability: A Population-Based Study of Washington State Workers' Compensation. *American Journal of Public Health* (Vol. 84, No. 2).
- Cohen, J. (1960). A Coefficient of Agreement for Nominal Scales. *Educational and Psychological Measurement* (Vol. 20, pp. 37 - 46).
- Cole, L and Rosa, R. (1994). Construction and Validation of a Musculoskeletal Risk Questionnaire. In *Proceedings of the Human Factors and Ergonomics Society 38th Annual* (pp. 984).
- Cole, L. L. (1995, November 20). *Construction and Validation of a Musculoskeletal Risk Questionnaire*. Dissertation.
- Colombini, D., Occhipinti, E., Molteni, G., Semeraro, D., and Grieco, A. (1992, September). A Study of Muscle Activity in Workplaces with Keyboard Operations. *Abstract Book from Third International Scientific Conference on Work with Display Units*.
- Corlett, E.N. (1983). Analysis and Evaluation of Working Postures. In T.O. Kvalseth (Ed.). *Ergonomics of Workstation Design* (pp. 12-15). London: Butterworths.
- Dale, W.A. (1982). Thoracic Outlet Compression Syndrome. *Archives of Surgery* (Vol. 117, pp. 1437-1445).

- Delisie, A., Gagnon, M. (1995, July). Segmental Dynamic Analysis When Throwing Loads. *International Journal of Industrial Ergonomics* (Vol. 16, No. 1, pp. 9-21).
- Dempsey, P.G., and Ayoub, M.M. (1996). The Influence of Gender, Grasp Type, Pinch Width and Wrist Position on Sustained Pinch Strength. *International Journal of Industrial Ergonomics* (Vol. 17, pp. 259-273).
- Dickinson, C.E., Campion, K., Foster, A.F., Newman, S.J., O'Rourke, A.M.T., and Thomas, P.G. (1992, June). Questionnaire Development: An Examination of the Nordic Musculoskeletal Questionnaire. *Applied Ergonomics* (Vol. 23, No. 3, pp. 197-201).
- Drury, C.G. (1990). Methods for Direct Observation of Performance, in Wilson, J.R., Corlett, and E.N., (eds.). *Evaluation of Human Work* (pp. 35-57). London: Taylor and Francis.
- Dunbar, E. (1993). The Role of Psychological Stress and Prior Experience in the Use of Personal Protective Equipment. *Journal of Safety Research* (Vol. 24, No. 3, pp. 181-187).
- Eastman Kodak (1986) *Ergonomics Design for People at Work* (Vol. 2) Van Nostrand Reinhold Co. New York.
- Engkvist, I, Hagberg, M., Wigaeus-Hjelm, E., Menckel, E., Ekenvall, L., and PROSA Study Group. (1995) Interview Protocols and Ergonomics Checklist for Analyzing (sic) Overexertion Back Accidents Among Nursing Personnel. *Applied Ergonomics*. (Vol. 26, no 3, pp. 213-220).
- Fard, H., and Mital, A. (1993). A Psychophysical Study of High and Very High Frequency Manual Materials Handling - Part I: Lifting and Lowering. *International Journal of Industrial Ergonomics* (Vol. 12, pp. 127-141).
- Fard, H., and Mital, A. (1993). A Psychophysical Study of High and Very High Frequency Manual Materials Handling - Part II: Carrying and Turning. *International Journal of Industrial Ergonomics* (Vol. 12, pp. 143-156).
- Feldman, R.G., Goldman, R., and Keyserling, W.M. (1983). Peripheral Nerve Entrapment Syndromes and Ergonomic Factors. *American Journal of Industrial Medicine* (Vol. 4, pp. 661-681).
- Fleiss, J. L. and Cohen, J., The Equivalence of Weighted Kappa and the Intraclass Correlation Coefficient as Measures of Reliability. *Educational and Psychological Measurement* (Vol. 33, pp. 613 to 619).
- Garg, A., and Moore, J.S. (1993). A Job Analysis Method for Predicting Risk of Upper Extremity Disorders at Work: Preliminary Results, in R. Nielsen and K. Jorgensen, (eds.). *Advances in Industrial Ergonomics and Safety* (pp. 163-169). Taylor and Francis.

- Garg, A., Owen, B. (1994). Prevention of Back Injuries in Health Care Workers. *International Journal of Industrial Ergonomics* (Vol. 14, pp. 315-331).
- Goldstein, S.A., Armstrong, T.J., Chaffin, D.B., Matthews, L.S., (1987). Analysis of Cumulative Strain in Tendons and Tendon Sheaths. *Journal of Biomechanics* (20 (1), pp. 1-6).
- Graf, M., Guggenbuhl U., Krueger, H., (1995). An Assessment of Seated Activity and Postures at Five Workplaces. *International Journal of Industrial Ergonomics*. (Vol. 15, pp. 81-90).
- Grandjean, Etienne, (1988). *Fitting the Task to the Man: A Textbook of Occupational Ergonomics*. Taylor & Francis Ltd., London.
- Grant, K.A., Habes, D.J., and Baron, S.L. (1994). An Ergonomics Evaluation of Cashier Work Activities at Check-Unload Workstations. *Applied Ergonomics* (Vol. 25, No. 5, pp. 310).
- Hagberg, M. (1984). Occupational Musculoskeletal Stress and Disorders of the Neck and Shoulder: A Review of Possible Pathophysiology. *International Archives of Occupational and Environmental Health* (Vol. 53, pp. 269-278).
- Haigh, R. (1993). The Aging Process: A Challenge for Design. *Applied Ergonomics* (Vol. 24, No. 1, p. 9).
- Hammer, A. W. (1934). Tenosynovitis. *International Record of Medicine*. (pp. 139-140). Taubman Medical, 610.5 M5 J86 R4.
- Harber, P., Blosswick, D., Beck, J., Pena, L., Baker, D., and Lee, J. (1993, August). Supermarket Checker Motions and Cumulative Trauma Risk. *Journal of Occupational Medicine* (Vol. 35, No. 8).
- Harber, P., Blosswick, D., Beck, J., Pena, L., Baker, D., and Lee, J. (1992, May). The Ergonomic Challenge of Repetitive Motion with Varying Ergonomic Stresses. *Journal of Occupational Medicine* (Vol. 34, No. 5).
- Herberts, P., Kadefors, R., Hagfors, C. and Sigholm, G., (1984). "Shoulder Pain and Heavy Manual Labor", *Clinical Orthopaedics and Related Research* (pp. 166-178).
- Heus, R., Daanen, H.A.M., and Haventh, G. (1995). Physiological Criteria for Functioning of Hands in the Cold. *Applied Ergonomics* (Vol. 26, No. 1, pp. 5-13).
- Holmer, I. (1994). Cold Stress - Part I: Guide for the Practitioner. *International Journal of Industrial Ergonomics* (Vol. 14, pp. 139-149).
- Howarth, Peter Alan, and Instance, Owen (1985). The Association Between Visual Discomfort and the Use of Visual Display Units, *Behavior and Information Technology* (Vol. 4, No. 2, pp. 131-149) .

- The Joyce Institute. (1995). Job Evaluation Checklist. *Principles and Applications of Ergonomics*.
- The Joyce Institute. (1990). Office/Computer Checklist. *Practical Office Ergonomics*.
- The Joyce Institute. (1995). Uniroyal Industrial and Office Ergonomics Checklists. Unpublished.
- Katz, J., Punnett, L., Simmons, B., Fossel, A., Mooney, N., and Keller, R. (1996, Jan.). Workers' Compensation Recipients with Carpal Tunnel Syndrome. The Validity of Self-Reported Health Measures. *American Journal of Public Health* (Vol. 86, No. 1, pp. 52-56).
- Kelly, J. P., Rosenberg, L., Kaufman, D. W. and Shapiro, S. (1990). Reliability of Personal Interview Data in a Hospital-Based Case-Control Study. *American Journal of Epidemiology* . (Vol. 31, No. 1, pp. 79-90).
- Kemmlert, K. (1994). A Method Assigned for the Identification of Ergonomic Hazards - PLIBEL. *Scandinavian Journal of Rehabilitation Medicine* (Vol. 26, pp. 1-21).
- Keyserling, W.M., (1986) A Computer-Aided System to Evaluate Postural Stress in the Workplace. *AIHA Journal* (Vol. 47. pp. 641-649).
- Keyserling, W.M., Brouwer, M., and Silverstein, B.A. (1993). The Effectiveness of a Joint Labor-Management Program in Controlling Awkward Postures of the Trunk, Neck and Shoulders: Results from a Field Study. *International Journal of Industrial Ergonomics* (Vol. 11, pp. 51-65).
- Keyserling, W.M., Stetson, D.S., Silverstein, B.A., and Brouwer, M.L. (1993) A Checklist for Evaluation Ergonomic Risk Factors Associated with Upper Extremity Cumulative Trauma Disorders. *Ergonomics* (Vol. 36, No. 7, P. 807-831).
- Kihlberg, S. (1995). Biodynamic Response of the Hand-Arm System to Vibration from an Impact Hammer and Grinder. *International Journal of Industrial Ergonomics* (Vol. 16, pp. 1-8).
- Kihlberg, S., Kjellberg, A., and Lindbeck, L. (1995). Discomfort from Pneumatic Tool Torque Reaction: Acceptability Limits. *International Journal of Industrial Ergonomics*.
- Kilbom, A. (1994). Quantification of Physical Exposure. Institute of Occupational Health, S-17184. *International Journal of Industrial Ergonomics* (Vol. 14, pp. 59-86).
- Kilbom, A. (1988). Intervention Programmes for Work-Related Neck and Upper Limb Disorders: Strategies and Evaluation. *Ergonomics* (Vol. 31, No. 5).
- Kilbom, A., Persson, J. and Jonsson, B.G., (1986). Disorders of the Cervicobrachial Region Among Female Workers in the Electronics Industry. *International Journal of Industrial Ergonomics* (Vol. 1, pp. 37-47).

- Kilbom, A., Persson, J., (1988). Work Technique and its Consequences for Musculoskeletal Disorder. *Ergonomics* (Vol. 31, No. 5, p. 276). Research Department of the Swedish National Board of Occupational Safety and Health, S-17184, Solna, Sweden.
- Kirwan, B. and Ainsworth, L.K. (1992). *A Guide to Task Analysis*. London: Taylor and Francis.
- Klemmer, A. P., Klemmer, R. N. (1934). Subacute Caterial Endocarditis. *International Record of Medicine*. Taubman Medical.
- Konz, S. (1994). Standing. *Ergonomics* (Vol. 37, No. 4, pp. 677).
- Kumar, S., (1995). Development of Predictive Equations for Lifting Strength. *Applied Ergonomics* (Vol. 26, No. 5, pp. 327 - 341).
- Kumar, S., Narayan, Y., and Bacchus, C. (1995, December). Symmetric and Asymmetric Two-Handed Pull-Push Strength of Young Adults. *Human Factors* (Vol. 37, No. 4).
- Kuorinka, I., and Koshinen, P. (1979). Occupational Rheumatic Diseases and Upper Limb Strain in Manual Jobs in a Light Mechanical Industry. *Scandinavian Journal of Work, Environment & Health* (Vol. 5, No. 3, pp. 39-47).
- Kuorinka, Jonsson, Vinterberg, H., Biering-Soressen, F., Andersson, and Jorgensen, K. (1987, September). Standardized Nordic Questionnaires for the Analysis of Musculoskeletal Symptoms. *Applied Ergonomics*. (pp. 233-237).
- Landis, R. and Koch, G. (1977) The Measurement of Observer Agreement for Categorical Data. *Biometrics* (Vol. 33, pp. 159-174).
- Lavender, S., Thomas, J., Chang, D., and Andersson, B. (1995, December) Effect of Lifting Belts, Foot Movement, and Lift Asymmetry on Trunk Motions. *Human Factors* (Vol. 37, No. 4).
- Lewis, W.G., Narayan, C.V. (October 1993). Design and Sizing of Ergonomic Handles for Hand Tools. *Applied Ergonomics* .
- Lifshitz, Y., and Armstrong, T. (1986). A Design Checklist for Control and Prediction of Cumulative Trauma Disorder in Intensive Manual Jobs. In *Proceedings of the Human Factors Society 30th Annual Meeting*. (pp. 945-950).
- Loricchio, D., and Lewis, J. (1991) User Assessment of Standard and Reduced-Size Numeric Keypads. *Proceedings of the Human Factors Society 35th Annual Meeting-1991*.
- Loslever, P., and Ranaivosoa, A. (1993). Biomechanical and Epidemiological Investigation of Carpal Tunnel Syndrome at Workplaces with High Risk Factors. *Ergonomics* (Vol. 36, No. 5, pp. 537-554).

- Maclure, M. and Willet, W. C. Misinterpretation and Misuse of the Kappa Statistic. *American Journal of Epidemiology* (Vol. 126, No. 2, pp. 161-169).
- Marley, R. and Kumar, N. (1996). An Improved Musculoskeletal Discomfort Assessment Tool. *International Journal of Industrial Ergonomics*. (Vol. 17, pp. 21-27).
- Marras, W.S., Leurgans S.E., Lavender, S.A., Allread, G.S., Fathallah, F.A., Ferguson, S.A., Rajulu, S.L. (1993) Three Dimensional Dynamic Trunk Motions, Workplace Factors, and Occupational Low Back Disorders. *The Ergonomics of Manual Work*, Taylor and Francis, Ltd. London.
- Mattila, M., Karwowski, W., and Vilkkko, M. (1993, December). Analysis of Working Postures in Hammering Tasks on Building Construction Sites Using the Computerized OWAS Method. *Applied Ergonomics* (Vol. 24, No. 6).
- McAtamney, L., and Corlett, E.N. (1993). RULA - A Survey Method for the Investigation of Work Related Upper Limb Disorders. *Applied Ergonomics* (Vol. 24, No. 2, pp. 91-99).
- McGehen, F.P., (1977). When Is a Product Portable? *Dimensions/NBS*. Washington, D.C.: National Bureau of Standards (pp. 16-19), as cited in *Ergonomic Design for People at Work* (1986). (Vol. 2, p. 420). Eastman Kodak Company.
- Meister, D. (1985). *Behavioral Analysis and Research Methods*. New York: John Wiley and Sons.
- Military Standard 1472. *Human Engineering Design Criteria for Military Systems, Equipment & Facilities*.
- Mital, A., and Asfour, S.S. (1983). Maximum Frequencies Acceptable to Males for One-Handed Lifting in the Sagittal Plane. *Human Factors* (Vol. 25, No. 5, pp. 563-571).
- Mital, A., and Manivasagan, I. (1983). Maximum Acceptable Weight of Lift as a Function of Material Density, Center of Gravity Location, Hand Preference, and Frequency. *Human Factors* (Vol. 25, No. 1, pp. 33-42).
- Mital, A., Foononifard, H., and Brown, M.L. (1994, June). Physical Fatigue in High and Very High Frequency Manual Handling - Perceived Exertion and Physiological Indicators. *Human Factors* (Vol. 36, No. 2, pp. 219-231).
- Mital, A., Nicholson, A.S., and Ayoub, M.M. (1993). *A Guide to Manual Materials Handling*. London: Taylor & Francis.
- Moore, J. (1994, December 1-2). *The Epidemiological Context of Upper Extremity Disorders Associated with Work*. International Conference on Occupational Disorders of the Upper Extremities.

- Nachemson, A. and Elfstrom, G. (1970) Intravital Dynamic Pressure Measurements in Lumbar Discs. *Scandinavian Journal of Rehabilitation Medicine - Supplement I*.
- Nagamachi, M. (1995, Jan.) Engineering: A New Ergonomic Consumer-Oriented Technology for Product Development. *International Journal of Industrial Ergonomics* (Vol. 15, No. 1, pp. 3-11).
- Nelson, J.B., and Mital A. (1995). An Ergonomical Evaluation of the Primary Hand Flexibility and Capability Changes with Increases in Examination/Surgical Glove Thickness. *Ergonomics* (Vol. 38, No. 4, pp. 723-734).
- Nichols, H.M. (1967). Anatomic Structures of the Thoracic Outlet. *Clinical Orthopaedics and Related Research* (Vol. 51, pp. 17-25).
- Ohara, H., Aoyama, H., Itani, T., Nakagiri, S., and Wake, K (1976). Occupational Health Hazards Resulting from Elevated Work Rate Situations. *Journal of Human Ergology* (Vol. 5, pp. 173-182).
- Pascarelli, E., and Kella, J. (1993, May). Soft-Tissue Injuries Related to Use of the Computer Keyboard: A Clinical Study of 53 Severely Injured Persons. *Journal of Occupational Medicine* (Vol. 35, Number 5, pp. 522-532).
- Punnett, L., Robins, J.M., Wegnan, D.H. and Keyserling, M., (1985). "Soft Tissue Disorders In The Upper Limbs Of Female Garment Workers", *Scandinavian Journal of Work and Environmental Health* (pp. 417-425)
- Putz-Anderson, V., (1992). *Cumulative Trauma Disorders: A Manual for Musculoskeletal Diseases of the Upper Limb*. Thoracic Taylor & Francis., London.
- Reynolds, J.L., Drury, C.G., and Broaderick, R.L. (1994). A Field Methodology for the Control of Musculoskeletal Injuries. *Applied Ergonomics*. (Vol. 25, No. 1, pp. 3-16).
- Ridyard, D.T., Bobick, T.G., and Starkman, B.S. (1990, November). Ergonomics Awareness Training for Workplace Design Engineers. *Applied Ergonomics Technology, and NIOSH, Applied Occupational and Environmental Hygiene* (Vol. 5, No. 11, pp. 771-781).
- Ryan, G.A., (1989). "Musculoskeletal Symptoms in Supermarket Workers," *Ergonomics* (Vol. 32, No. 4, pp. 359 - 371).
- Sauter, S., Swanson, N. (1994, December). *Keyboard Work, Stress and Upper Limb Disorders*. National Institute for Occupational Safety and Health.
- Sawin, D., and Scerbo, M. (1995, December). Effects of Instruction Type and Boredom Proneness in Vigilance: Implications for Boredom and Workload. *Human Factors* (Vol. 37, No. 4).

- Schulze, J.H. L., Congleton, J.J., Koppa, R.L., Huchingsonm R.D. (1994, August). Effects of Pneumatic Screwdrivers and Workstations on Inexperienced and Experienced Operator Performance. *International Journal of Industrial Ergonomics* (Vol. 16, pp. 175-189).
- Schoenmarklin, R.W., Marras, W.S. and Leurgans, S.E. (1994) Industrial Wrist Motions and Increase of Hand/Wrist Cumulative Trauma Disorders. *Ergonomics* (Vol. 37, No. 9, pp. 1449-1459).
- Silverstein, B.A., Fine, L.J., and Armstrong, T.J. (1986). Hand Wrist Cumulative Trauma Disorders in Industry. *British Journal of Industrial Medicine* (Vol. 43, pp. 779-782).
- Silverstein, B.A., Richards, S., Alcser, K., and Schurman, S. (1991). Evaluation of In-Plant Ergonomics Training. *International Journal of Industrial Ergonomics*.
- Silverstein. B.A., Fine, L.J., and Armstrong, T.J. (1987). Occupational Factors and Carpal Tunnel Syndrome. *American Journal of Industrial Medicine* (Vol. 11, pp. 343-358).
- Smith, M.J., Carayon, P., Sanders, K.J., Lim, S.Y., and LeGrande, D. (1992). Employee Stress and Health Complaints in Jobs With and Without Electronic Performance Monitoring. *Applied Ergonomics* (Vol. 23, No. 1, pp. 17-27).
- Snook , S.H., Ciriello, V.M., (1991). The Design of Manual Materials Handling Tasks: Revised Tables of Maximum Acceptable Weights and Forces. *Ergonomics* (Vol. 34, No. 9, p. 1210).
- Snook, S., Vaillancourt, D., Ciriello, V., and Webster, B. (1994, April 15). Psychophysical Studies of Repetitive Wrist Flexion and Extension. *Ergonomics*.
- Sommerich, C.M., McGlothlin, J.D., Marras, W.S. (1993). Occupational Risk Factors Associated with Soft Tissue Disorders of the Shoulder: A Review of Recent Investigations in the Literature. *Ergonomics* (Vol. 36, No. 6.)
- Sperling, L., Sven, D., Wikstrom, L., Kilbom, A., and Kadefors, R. (1993). A Cube Model for the Classification of Work with Hand Tools and the Formulation of Functional Requirements. *Applied Ergonomics*.
- Starr, J. Steven. Effects of Video Display Terminals in a Business Office. (1984) *Human Factors* (Vol 3. No. 356. p.354).
- Stetson, D.S., Keyserling, W.M., Silverstein, B.A., and Leonard, J.A., (November 1991). Observational Analysis of the Hand and Wrist: A Pilot Study. *Applied Occupational and Environmental Hygiene*. DOL & State of Washington (Vol. 6, No. 11, pp. 927 - 937).
- Tanaka, S., McGlothlin, J. (1993). A Conceptual Quantitative Model for Prevention of Work-Related Carpal Tunnel Syndrome (CTS). National Institute for Occupational Safety and Health. *International Journal of Industrial Ergonomics*.

- Tatsuoka, M.M., (1974). *Number 3: Classification Procedures: Profile Similarity in Selected Topics in Advanced Statistics: An Elementary Approach*. Champaign, Illinois: Institute for Personality and Ability Testing.
- Thomas, R. G., van Baar, C. E., and Van der Stee, M. J. (1995). Baggage Handling: Posture and the Design of Conveyors. *Applied Ergonomics* (Vol. 26, No. 2, pp. 123-127).
- Tyson, R.R., and Kaplan, G.F. (1975). Modern Concepts of Diagnosis and Treatment of the Thoracic Outlet Syndrome. *Orthopaedics Clinics of North America* (Vol. 6, pp. 507-519).
- USAF Technical Report on Indoor Air Quality.
- U.S. Department of Health and Human Services (1989) *NIOSH Criteria for a Recommended Standard for Occupational Exposure to Hand Arm Vibration* DHHS(NIOSH) publication No. 89-106.
- U. S. Department of Labor, Occupational Safety and Health Administration, (1995) *Draft Ergonomics Protection Standard*. Washington, D. C.
- U. S. Department of Labor, Occupational Safety and Health Administration, (1970). *Occupational Safety and Health Act and Implementing Regulations*. Washington, D.C.
- U.S. Department of Labor. Division of Occupational Analysis, United States Employment Service, Employment & Training Administration- *Guide to Job Analysis. A "How-to" Publication for Occupational Analysts*. Washington, D. C.
- U.S. Department of Labor.(1991) *Dictionary of Occupational Titles*. Washington, D. C.
- Ulin, S.S., Armstrong, T.J., Snook, S.H., Monroe-Keyserling, W. (1993). Examination of the Effect of Tool Mass and Work Postures on Perceived Exertion for a Screw Driving Task. *International Journal of Industrial Ergonomics* (Vol. 12, pp. 105-115).
- Van Cott, H.P., and Kincade, R.G., (1972). *Human Engineering Guide to Equipment Design*. (pp. 72). Washington D.C., U.S. Government Printing Office.
- Van Wely, P. (1970). Design and Disease. *Applied Ergonomics* (Vol. 1, No. 5, pp. 262-269).
- Washburn, R.A. and Montoye, H.J. (1986). The Assessment of Physical Activity by Questionnaire. *American Journal of Epidemiology* (Vol. 123, No. 4, pp. 563 to 575).
- Wasserman, Donald E., Ed. Gavriel Salvendy, *Advances in Human Factors/Ergonomics, 8: Human Aspects of Occupational Vibration*. Elsevier, New York, 1987
- Waters, T., Putz-Anderson, V., Garg, A. (1994). *Applications Manual for the Revised NIOSH Lifting Equation*. U.S. Department of Health & Human Services, Centers for Disease Control, Cincinnati, Ohio

- Wells, J.A., Zipp, J.F., Schuetter, P.T. and McEleney, J., (1983). "Musculoskeletal Disorders Among Letter Carriers". *Journal of Occupational Medicine* (pp. 814-820),
- Wells, R. (1994, December 1-2). Biomechanical Models of CTD's. In *Proceedings of International Conference on Occupational Disorders of the Upper Extremities*. Faculty of Applied Health Sciences, University of Waterloo, Ontario, Canada.
- Wiker, S.F., Chaffin, D.B., Langolf, G.D. (1989). Shoulder Posture and Localized Muscle Fatigue and Discomfort, *Ergonomics* (Vol. 32, No. 2).
- Wiktorin, C., et al. (1991). Design and Reliability of a Questionnaire for Estimating of Physical Load on Epidemiological Studies. In *Proceedings of International Ergonomics Association* (199: 230-232).
- Wiktorin, C., Karlqvist, L., et al. (1993). Validity of Self-Reported Exposures to Work Postures and Manual Materials Handling. *Scandinavian Journal of Work, Environment & Health* (Vol. 19, pp. 208-214).