

REFERENCES

1. ALFRED J. AMSLER "AMSKER Testing Machine Instructions,"
& CO. LTD Description no. 10 a.
2. BECKWITH, T.G.& "Mechanical Measurements," Addison-
BUCK, N.L. Wesley Publishing Company Inc., 1965
pp. 310 - 313.
3. BUDENBERG GAUGE "Pressure Gauge Test Equipment," Sect.
CO. LTD. 3, pp. 2 - 7.
4. BUDENBERG GAUGE "Operating and Maintenance Instructions",
CO. LTD. 1964, pp. 1 - 5.
5. DAVIS, H.E.& "The Testing and Inspection of Engineer-
Troxell, G.E.& ing Materials," McGraw-Hill Book Com-
Wiskocil, C.T. pany Inc., 3rd. ed., 1964, pp. 74 - 77.
6. DOVE, R.C. & "Experimental Stress Analysis and Motion
ADAMS, P.H. Measurement," Prentice-Hall of India
(Private) Limited, New Delhi, 1965.
7. FAIRES, V.M. "Design of Machine Elements," Collier-
Macmillan Limited, London, 4th. ed.,
1965, pp. 576 - 577.
8. FLÜGGE "Handbook of Engineering Mechanics,"
McGraw-Hill Book Company Inc., 1st.
ed., 1962, vol. 35, pp. 11 - 13.

9. GROSS, N. & FORD, H. "Flexibility of Short-Radius Pipe Bends," Proc. Instn. Mech. Engrs., Lond. 1952 - 53, vol. 1 B.
10. H. TINSLEY & CO. LTD. "Portable Strain Gage Bridge Type 5580," List 210L.
11. H. TINSLEY & CO. LTD. "Strain Measuring Instruments," List 210A.
12. HENDRY, A.W. "Elements of Experimental Stress Analysis," The English Language Book Society and Pergamon Press," ELBS ed. 1st. pub., 1968, pp. 32 - 39, 42 - 43.
13. HOLMAN, J.P. "Experimental Methods for Engineers," McGraw-Hill Book Company Inc., 1966, pp. 159 - 162, 316 - 319.
14. KASIPAR, C. "Pressure and In-Plane Bending Tests on Single Mitred Pipe Bends," Master's Thesis, Department of Mechanical Engineering, the University of London, 1964.
15. LANE, P.R.H. & ROSE, R.T. "Experiments on Prefabricated Pipe Bends," Brit. Welding Res. Assoc. Rep. D3/12/60, 1960.
16. M.W. KELLOGG COMPANY "Design of Piping System," John Wiley and Sons Inc., Revised 2nd. ed., 6th. printing, Jan., 1967, pp. 60 - 62.

17. PERRY, C.C. & LISSNER, H.R. "The Strain Gage Primer," McGraw-Hill Book Company, 2nd. ed., 1962.
18. SINSOOKH C. "Analysis of Results from Strain Gauge Rosettes," Graduate Diploma Project, Department of Mechanical Engineering, Chulalongkorn University, 1967.
19. SMITH, J.O. & SIDEBOTTOM, O.M. "Elementary Mechanics of Deformable Bodies," Collier-Macmillan Co. Ltd., 2nd. ed., 1969, pp. 173 - 179.
20. TIMOSHENKO, S.P. & YOUNG, D.H. "Elements of Strength of Materials," Van Nostrand, East-West Press, 5th. ed., 1968, pp. 160 -166.
21. W.&T. AVERY, LIMITED "AVERY Universal Testing Machine, Type 1708.

VITA

Mr. Sahas Bunditkul was born in Bangkok, Thailand, on August 10, 1950. He finished his secondary education from Amnuay Silpa School, Bangkok. He was awarded each year of his undergraduate study with a scholarship of the Society of American Military Engineers until he received a Bachelor's degree of Engineering with honours in Mechanical Engineering from Chulalongkorn University in academic year 1970, and entered the Graduate School of Chulalongkorn University in June 1971. At the time writing the thesis, he is serving as an assistant lecturer in the Mechanical Engineering Department, Chulalongkorn University and receiving the Thai Government Scholarship of the State Railway of Thailand to further his study in the United states after this thesis was completed.