

References

- Davies, A.W., Griffith, D. S. C., (1999), 'Shear Strength of Steel Plate Girders', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*, **134**,147-157.
- Dowling, P. J., Knowles, P, and Owens, G.,(1988) ' Structural Steel Design', Steel Construction Institute.
- Evans, H. R., and Narayanan, R.,(1983), ' Simplified Procedures for the Design of Plate Girders with Web Stiffeners or Openings'.
- Evans, H. R., Moussef, S., (1988), ' Design Aid for Plate Girders', *Proc. Instn. Civ. Engrs. (Part2)*, **85**,89-104.
- Johnson, R. P., Cafolla, J., (1997), 'Local flange Buckling in plate Girders with Corrugated Webs', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*, **123**,148-156.
- Martin, L. H., and Purkiss, J. A., (1992), ' Structural Design of Steelwork to BS 5950', Edward Arnold.
- McGinley, T. J.,(1998), ' Steel structures – Practical Design Studies (2nd edition)', E& FN Spon.
- Mckenzie, W. M. C.,(1998) ' Design of Structural Steelwork', Macmillan Press Ltd.
- Mirambell, E., and Zarate, A. V., (2000), 'Web Buckling of Tapered Plate Girders', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*, **140**,51-60.
- Morris, L. J., and Plum, D. R., (1988, 1997), 'Structural Steelwork Design to BS 5950', Longman Scientific & Technical.
- Porter, D.M.,Rockey, K.C. and Evans, H.R., (1975), 'The Collapse Behaviour of Plate Girders Loaded in Shear', *The Structural Engineer*, **53**,313-25.
- Rockey, K.C., Skaloud, M., (1972), 'The Ultimate Load Behaviour of Plate Girders Loaded in Shear', *The Structural Engineer*, **50**,29-48.
- Rockey, K. C., Evans, H. R. and Porter, D. M.,(1978), 'A Design Method for Predicting the Collapse Behaviour of Plate Girders', *Proc. Instn. Civ. Engrs. (Part2)*, **65**,85-112.

Roberts, T. M., Davies, A.W., Osman, M. H, and Skaloud M., (1997), 'Fatigue Assessment of Slender Steel Web Plates Subjected to Repeated Shear Buckling', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*,**122**,468-476.

Roberts, T. M., and Shahabian, F., (2000), ' Design Procedures for Combined Shear and Patch Loading of Plate Girders', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*,**140**,219-225.

Stanway, G. S., Chapman, J.C. and Dowling, P. J., (1993), 'Behaviour of a Web Plate in Shear with an Intermediate Stiffener', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*,**99**,327-344.

Stanway, G. S., Chapman, J.C. and Dowling, P. J., (1996), 'A Design Model for Intermediate Web Stiffeners', *Proc. Instn. Civ. Engrs. Structs & Bldgs.*,**116** ,54-68.

Structural use of Steelwork in Building (1985)(BS 5950:Part 1), Brit. Standards Inst.,London.

Weeratunga, A. N., (2003), 'Fabrication Cost of Steel Plate Girders', Internal report of the Department of Civil Engineering, University of Moratuwa, Sri Lanka.

