New Zealand Concrete Society

New Developments in the Field of Anchorage to Concrete
Seminar Series – Wellington, Auckland – March 2006
Seminar Notes (TR31)

- Introduction and Overview of Anchor Systems (Rolf Eligehausen)
- Basic Anchor Theory and the Concrete Capacity (CC) Method for Design (John Silva)
- Cracked Concrete and ACI 318-05 Appendix D (John Silva)
- Behaviour and Design of Bonded Anchors and Post-Installed Rebar (Rolf Eligehausen)
- Adverse Conditions (Fire, Corrosion) (Rolf Eligehausen)
- Adverse Conditions (Seismic) (John Silva)
- International Regulations (Rolf Eligehausen)

- APPENDIX A: Seismic Design Requirements for Anchor Bolts – A Fresh Perspective (J Silva, R Eligehausen and M S Hoehler)
- APPENDIX B: CI-318 Specification on CC Method (ACI-318-05 Appendix D – this paper courtesy of the American Concrete Institute)
- APPENDIX C: Behaviour of Fasteners Loaded in Tension in Cracked Reinforced Concrete (ACI Structural Journal, Vol 92, No. 3, May-June 1995 – this paper courtesy of the American Concrete Institute)
- APPENDIX D: Concrete Capacity Design (CCD) Approach for Fastening to Concrete (ACI Structural Journal, Vol 92, No. 1, Jan-Feb 1995 – this paper courtesy of the American Concrete Institute)