

## Kevin Reid - NZTA Network Outcomes Manager



# Huntly Steel

## Huntly specification:

- Allowed international supply of steel
- Required independent testing in NZ

## Construction:

- Testing indicated steel deficiencies
- Supplier rectified at no cost





# Steel specifications

NZ Transport Agency *Bridge manual*:

- materials
- fabrication
- certification
- comply with NZS 3404

Principal's requirements:

- site and structure specific

Designer specifications:

- design spec and testing



# Compliance of Steel

NZS 3404 *Steel structures standard*:

- comply with quoted standards:
  - AS/NZS, BS, JIS, API/ASTM
- evidence of compliance from laboratory recognised by ILAC

Product certification scheme:

- ACRS

Physical independent testing (on site):

- particularly for overseas sourced steel



# Future developments

Austrroads:

- Steel fabrication specification

*AS/NZS 5100.6 Bridge design –  
Steel and composite construction:*

- out for public comment

*AS/NZS 5131 Structural steelwork –  
Fabrication and erection*

- public comment recently closed

