



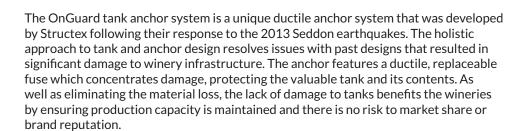


1 Installed tank anchors. 2 Close up of the tank anchors once installed. 3 OnGuard anchor range.

## ONGUARD TANK ANCHOR DEVELOPMENT AND EARTHQUAKE RESPONSE TO THE WINE INDUSTRY

**Structex for Yealand Estate** 

**Project Location: Seddon** 



The Kaikoura earthquake of November 2016 brought about more damage to the Marlborough wine industry, this time more widespread and with a short timeframe for repairs to be implemented before the 2017 vintage. For wineries, such as Yealands Estate, where Crown Sheetmetal had OnGuard anchors installed, the extent of the damage was reduced while many older style tanks and anchors failed spectacularly. Structex again assisted with the earthquake response, providing assessment of tanks and specifying a variety of repairs. The simple design of the OnGuard anchor allowed it to be retro-fitted to vulnerable tanks, and utilising capacity design meant that even under-designed tanks could be afforded better seismic performance in the future. Further innovation has arisen following the quake, with the OG Pro Max system being implemented where existing foundation slabs are inadequate to secure the anchors.

OnGuard has launched the anchor system in California with the first installations completed in 2016 and several more now complete or on order. With New Zealand and the United States considered leaders in wine industry technology, the adoption of the OnGuard system by some of the largest and most reputable brands demonstrates its uniqueness and success at mitigating a serious risk to the industry.



## Judging & Copyright Statement

This project is an entrant in the 2016 INNOVATE NZ Awards of Excellence competition. The winners will be celebrated at our Awards Gala Dinner on Saturday, 12th August 2017 in Taupo.

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