



TRANSPOWER

SAFETY START



November 7th, 2017

BPE-WGN-A TOWER REFURBISHMENT

Handle would occasionally separate from paint tin



New paint tin cradles with attachment rings



Paint tin cradle safely attached to applicators



Description

- **Hazard:** While climbing Transpower towers half-full paint tins have been attached by a lanyard from the painters waist to the wire handle of the paint tin. The wire handle can separate from the tin, resulting in a dropped object hazard. This risk has been minimised by testing the handles on the ground before the painters begin climbing.
- The team discussed and researched a safe alternative method of carrying paint tins up/around the towers.
- This initiative was raised initially by Scott McMahon on a HazOb card (Hazard Observation Card) submitted to Fitzroy. Scott did the initial research and designed this prototype which we have nick named "Scotty's Cradle".
- The prototype was manufactured to a SWL standard for paint tins used on the towers. Made from 9653050-50mm Sling Web Poly – Violet. Minimum break strength 53.9kN

Outcome

- Bridon – Cookes, New Plymouth have manufactured a small cradle for 5ltr paint tins and a large cradle for the 10ltr paint buckets. This eliminates weight on the handle and any chance of falling from height. The paint tin can now be safely moved around the tower securely placed in the cradle.
- Applicators will no longer latch onto the actual paint tin handle. All paint tins must be carried/moved around the tower in a paint tin cradle.

REFERENCES:

Manufacturers Service specification: AS 1891. 1-2007 Batch No: F/23/2016
Bridon-Cookes test report reference on record: E2016

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