

DULHUNTYPOLES



## Titan Newsletter

Overheard Lines from The Reliable Titan

*'The Bushfire Proof Titan is the Power Pole of the Century.  
Titan Reliability is Guaranteed'*

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## Q&A

We continue to provide the opportunity for readers to access more information on the unique Reliable Titan's range of products. We invite readers to submit enquiries or comments through the Newsletter response email of [enquiries@dulhuntypoles.com](mailto:enquiries@dulhuntypoles.com) and one of our team will respond as soon as possible to the individual email address provided. The feedback received so far has been very observant and appreciated. All your contact details and the related correspondence will always be treated with the utmost privacy protection.

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## Who Wins with The Titan?

When considering the many players who are involved in the pole business from design, procurement right through to in-service/install field staff, it is not difficult to see how everyone wins by being involved with the Titan. Below is a synopsis of some of those successes

- A win for all concerned, that Titans will not rot, burn, or rust, and are termite proof
- Designers win as being an engineered pole, Titans can be designed as required if the standard models don't fit the job exactly
- Titans lightweight feature means less freight costs, easy handling and storage – procurement & stores win
- Titans last more than a lifetime - and no remedial maintenance costs to factor in, so a big win for financial management of the network
- The community wins big in times of bushfires where the Titan will not be affected by fire and the time-consuming pole replacement is not necessary for restoration of supply
- Community wins again through efficient whole of life operating costs – once installed, Titans are there for a lifetime at least. This could be reflected in lower electricity charges
- Farmers win with no utilities' staff travelling through properties for regular pole inspection visits
- Farmers also win with no chemical treatment of Titan poles required – ever
- Installing field staff win, with the Titan's lightweight structure and easy handling

- Standard pole fittings are suitable for Titan and easy to install in the field if required
- The Titan is non-conductive – as electrically safe as wood poles to work on – another field staff win
- And an important win for the environment, as Titan has the lowest carbon footprint of all poles over the studied 70 years period.

There are far too many other Titan features to list here – please visit the Dulhunty Poles website for more information.

### Did You Know?

You can confidently install Titan poles in any type of sensitive locations; pristine areas like vineyards, any produce or cropping farms, and still be a friend of the Environment.

### **Chalk & Cheese**

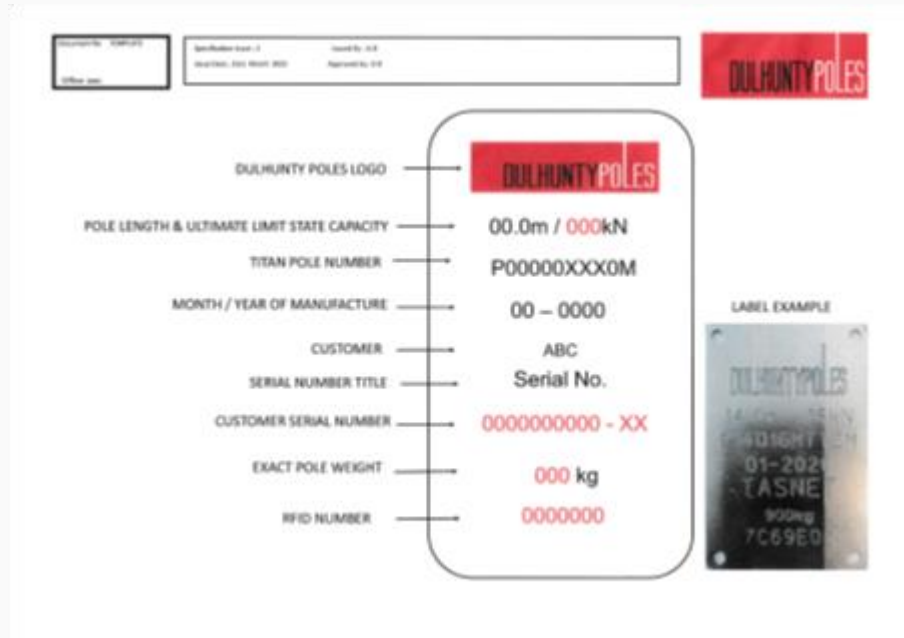
As part of their routine, internal quality management procedure, a major Dulhunty Poles Titan client, has recently completed a review of their original decision to utilise the Titan in their network, for pole replacements and new projects.

They reported to us, that after their rigorous scrutiny of other power pole types currently available, their comparison to Titan was akin to ‘chalk and cheese’ with the Titan surpassing the rest in all mandatory fields.

Consequently, the indication was offered that the Titan is that far ahead of all others; or to be more precise – the Titan is ‘POLES APART’ from the rest (and no pun intended).

The Titan is easily recognised – it is the ONLY composite pole with the main ingredients being kaolin clay and Portland cement and is reinforced with our unique alkaline resistant fibreglass rovings. This formula is what makes the Titan the leader in an increasing number of industry sectors.

It has no steel, aggregate/sand or any plastics-based ingredients in its make-up, consequently it will not burn, melt or deform in a bushfire.



A Dulhunty Poles Identification Label (blank shown above) will show all the pole's information included on each Titan Pole at manufacture. If this Label is not present on a pole in the field, it is not a Dulhunty Titan Pole. All Titans also have an imbedded Radio Frequency Identification Device (RFID) which provides, all pole details as well as other client required information through the client's reader device.

### **Titan Gaining Favour in the E-Comms Industry**

As mentioned in the April Titan Newsletter, Dulhunty Poles have been encouraged to offer and promote the Titan for the many uses within the electronic communications industry throughout Australasia.

The standard e-comms usage options are substantial, however with the Titan being an engineered pole, we would also be delighted to consider and discuss any special pole structure requirements.

Given this considerable range of possibilities, we have been further influenced to attend the e-comms industry's premier showcase event – the **Comms Connect Conference & Expo** in Melbourne in October, to exhibit and discuss the many benefits of the Titan. We believe, Titan will vastly increase the quality and durability of e-comms support structure installations.



**18-20 October 2022**  
**Melbourne Convention & Exhibition Centre**

<https://melbourne.comms-connect.com.au>

Our engineers and design experts will be on site at Expo Stand 30, to discuss the individual needs for such critical infrastructure, and how once installed, a Titan is there for a lifetime plus.

To attend this top e-comms event as a delegate, please go to the Comms Connect website link above. There is a Free Expo Entry Pass available that may be of interest – however, conditions apply.

**? Did You Know?**

Dulhunty Poles Titan shipping activities, either by road or by sea, have accomplished a great operational record of delivery on time, every time.

**Titan Poles & Electricity Transmission**

For some time now, sections of the Australian Electricity Supply Industry have been concerned about the long-term future capacity and reliability of certain sections of the HV electricity transmission lines infrastructure. Such concern centres around the increase in consumers demand and, from additional growth of renewable energy generators, requiring satisfactory connection to the national

grid.

Accordingly, a transmission infrastructure upgrade development program is now being seriously considered in most jurisdictions.

As this continual increase in demand is never likely to go away in foreseeable decades, it is envisaged that any new structure would be ideally designed to last for a similar timeframe - or more. Dulhunty Titan poles can do just that, with a fair bit to spare.

Our engineering staff will be pleased to discuss your criteria, whether for standard construction or something unique.



**One of our clients' recent transmission structures. No matter how simple or complicated the structure, Titan can adapt perfectly, providing a lifetime of service.**

## ? Did You Know?

Natural disasters related to climate change, do not necessarily mean complete devastation where Titan poles are concerned

### **Clean Energy Industry and Zero Carbon Emission**

The Titan is well ahead in supporting Zero Carbon Emission efforts from Australia's viewpoint and that of our Indo-Pacific neighbours. With discussions around efforts to achieve zero emission targets gaining increasing prominence and the promotion of clean energy, the Titan pole is the obvious pole to be associated with the Clean Energy Industry, due to its industry leading environmental features.

The Titan's low carbon footprint was established in the early design stages as it was abundantly clear to the Dulhunty Poles founder that this was to be a major point of consideration in the Australasian Electricity Supply Industry at that time, and into the future.

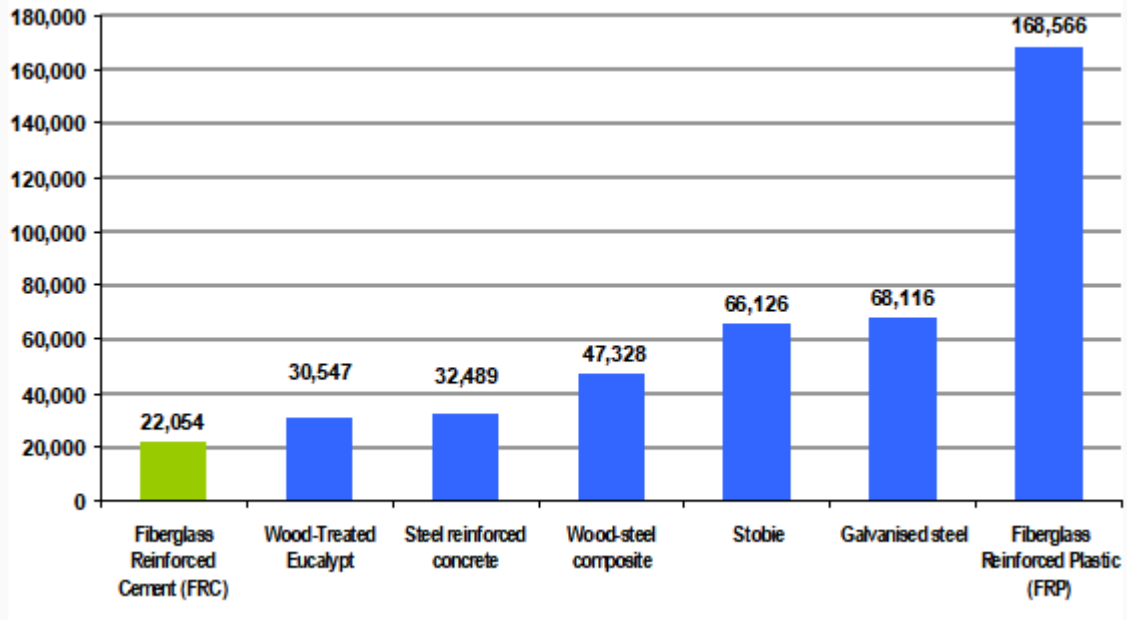
The Carbon footprint analysis carried out by ipernica Ventures Pty Ltd, (full report available on the Dulhunty Poles website), clearly indicates in the below bar chart, the Fiberglass Reinforced Cement (FRC) Titan Poles made by Dulhunty represent the best result over the 70 years period.

#### **Notes to Bar Chart on page 12 of above-mentioned report.**

The chart below extrapolates the chart on page 11 with all life cycles extended to 70 years, inferring replacement of poles with expected lifetimes of 50 years. This allows uniform comparison of the carbon emissions. The Dulhunty FRC pole on a 70-year projection, clearly results in the lowest emission footprint.



**Total estimated kg of CO<sub>2</sub> emitted/1,000 power poles from raw material through 70 years cycle**



**Versatility of the Titan**

A Pole is a Pole is a Pole – this phrase could mean any specific pole type could be used for all sorts of applications, but if you need a long-lasting trouble-free service life, that pole should be a Titan, where it can be installed and forgot about for 70 to 100 years.

The variety of applications the Titan can service include; a wide range of power poles including equipment poles, communications structures, marine piles, fence posts, retaining walls, street lighting, security cameras & perimeter lighting, sports & public areas lighting, weather indicators . . . and probably some uses we haven't yet experienced.

To this end, we invite any challenge in this regard; we welcome any new use suggestions for the Titan through the [enquiries@dulhuntypoles.com](mailto:enquiries@dulhuntypoles.com) contact email.



**A small sample above of the many applications of the Reliable Titan pole.**

A bit off the industrial theme, but this is another use brought to our attention – Titan off-cuts make great long-life, wood fired barbeques due to its fireproof nature. This one was built eleven years ago and still going strong with no sign of damage.



Temperature in the centre of a wood fire barbeque like this one can be up around 400C for an extended period – we challenge any other composite pole to match this safely, with the added important feature of no dangerous fumes to inhale.

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### Get a Better Feel for the Titan

To get a better feel for the Titan, Dulhunty Poles offers free Titan samples as an attractive desk-top pen holder complete with a Dulhunty Poles pen. The samples illustrate Titan's lightweight fireproof features, natural robust structure and ready drill-ability.

If interested in obtaining one, please simply reply to this email and provide your name and a postal address to receive your free sample.

