

UTILITY LINE POLES (POWER TRANSMISSION POLES)

Roundwood New Zealand (RNZ) Utility Poles are SED graded Construction Poles that have been Machine Strength Tested to a specific load bearing requirement in Kilo Newtons (kN) requested by the Telecommunication or Line Companies that purchase these Poles. The Testing Process is conducted using a 3-Point Test at the ground line of the Pole. Each Utility Pole is disked for identification purposes by inserting an aluminum disc into the Pole 3.6m up from the ground line. This aluminum disc has the unique Test ID Treatment Plant Number, date when treated, kN Rating (load bearing requirement), and Treatment Hazard Class i.e. H5, stamped onto the Disc.

- Please refer to our Strength Tested (High Density Poles) Page.

These Poles can also be supplied gained and drilled to the specific profile required by the customer. This process involves pre-drilling the holes into the Pole for the cross arms, also gaining or scarfing the top of the Pole for the cross arms to fit flatly against when bolted. Different Line Companies have different profiles.

RNZ Utility Line Poles are naturally tapered Radiata Pine Poles that are graded to ensure they meet the New Zealand Standard (NZS) NZS3605; they are also surveyed onsite for even taper and straightness. Utility Poles are put through the same Steam Dry and H5 Hazard Class Treating process as our SED Construction Poles to ensure they comply with New Zealand Standard NZS3640.

Use Roundwood New Zealand Utility Line Poles for:

- Telecommunication Poles
- Power Transmission Poles

Roundwood New Zealand Quick Reference:

- Radiata Pine Machine Peeled
- Naturally tapered 6-8 mm per meter length
- Diameter range: 150mm up to 550mm SED
- Length range from 4.2m up to 18.0m lengths
- H5 CCA Hazard Class
- Machine Strength Tested (proof tested) to required kN Rating
- Complies with the New Zealand Standards NZS3605 and NZS3640



Above is a photo of our Machine Strength Testing Pole Rig.