### Ergon Energy Document Revision List

**Project:** Sub-Transmission Construction Manual  
**Electronic - Website Version**

<table>
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<th>Section Title / Drawing Number</th>
<th>Current Published</th>
<th>Issued Document Revision Number</th>
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Degree symbols in the title boxes are displayed as %D. This does not effect the accuracy of the drawings. This will be resolved in the next revision.
### Name Plate Information

**Manufacturer's Name/Trade Mark:**

**Month & Year of Manufacture:**

**Length of Pole (m):**

**Limit State Design Load (kN):**

**Structure Type:**

**Stock Code:** 2412373

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### Table

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<th>Orientation</th>
<th>Fitting Description</th>
<th>Tube Length</th>
<th>Fitting Purpose</th>
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<td>25 OD S/S tube</td>
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### Diagram

- **Location:**
  - Tip ring and pole cap
  - 25 OD S/S tube for M24 bolt
  - 38 OD S/S tube
  - 32 OD S/S tube for M24 bolt
  - 30 OD S/S tube for M24 bolt
  - 25 OD S/S tube for M20 bolt

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### Notes

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2 mm orientation tolerance.
3. Longitudinal capacities to be less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformation.
5. A nominal Ø10 ventilation hole is required at the centre of the through tube provided for square rigging.
6. No subsidiary to be incorporated on 18m poles.
7. Temporary stays may be required durin construction and/or maintenance works.

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### Additional Information

- Refer dwg 5-7-3-2 for Foundations
- Refer dwg 5-3-11-6 for Construction
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Refer dwg 5-7-3-2 for Foundations
Refer dwg 5-3-11-6 for Construction
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<th>ORIENTATION</th>
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Refer dwg 5-7-3-2 for Foundations
Refer dwg 5-3-11-6 for Construction

ABN 50 087 646 062

DRAWING NUMBER: 5-21-5-6

OVERHEAD SUB-TRANSMISSION
69K CONCRETE POLE MANUFACTURING DETAILS
SINGLE C/G URBAN VERTICAL STRAIN 0° - 5° DEVIATION
18m x 80KN POLE

HARD COPY UNCONTROLLED

Egen Energy Generation Limited
ASET 02 SET 021 522

NAME PLATE INFORMATION
MANUFACTURER'S NAME/TRADE MARK
MONTH AND YEAR OF MANUFACTURE
LENGTH OF POLE (m) LIMIT STATE DESIGN LOAD
STRUCTURE TYPE
POLE MANUFACTURE
BATCH NO.
VOLUME
MANUFACTURER'S NAME/TRADE MARK
STOCK CODE
CODE

STOCK CODE:
STRUCTURE TYPE:
PLANTING DEPTH (m):
ANGLE °:
LIMIT STATE DESIGN LOAD (kN):
LENGTH (m):
LIMIT STATE DESIGN LOAD (kN):

OVERRIDE SET
SUPERSEDES:
DRAWING NUMBER:
CHECKED DATE
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STRUCTURE TYPE:
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ANGLE °:
LIMIT STATE DESIGN LOAD (kN):
LENGTH (m):
LIMIT STATE DESIGN LOAD (kN):
NOTES
1. Orientation is measured clockwise when looking down on pole tip.
2. Braced fittings require ±2 mm tolerance between them and ±1-2 mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
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