

AMENDMENT NO. 01 APPROVED ON 1989-09-07

SLS 848 : Part 2 : 1989 SRI LANKA STANDARD SPECIFICATION FOR WOOD POLES FOR OVERHEAD POWER AND TELECOMMUNICATION LINES

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Insert the following after clause 10 and renumber the existing clause 11 as 12

11 SAMPLING AND CRITERIA FOR CONFORMITY

11.1 Lot

All wood poles of similar species and same dimension belonging to one batch of supply and satisfying 11.4.1 shall constitute a lot.

11.2 General requirements

11.2.1 Each wood pole in the batch of supply shall be visually inspected before treatment of wood poles.

11.2.2 Only those complying with the requirements and satisfying stipulations in regard to defects, shall be considered to constitute a lot.

NOTE

Inspection of wood poles shall preferably be carried out while unloading from a vehicle or stacking for seasoning.

11.3 Scale of sampling

11.3.1 Before selecting a sample of wood poles, each wood pole in the lot shall be visually inspected for requirements and defects as mentioned in **11.4.1**.

11.3.2 The number of wood poles to be selected for the sample shall be in accordance with column 1 and column 2 of Table 2.

TABLE 2 - Scale of sampling

Number of wood poles in the lot	Number of wood poles to be selected	* Acceptance number	Sub sample size
Up to 90	5	0	2
01 to 150	8	0	2
151 to 500	13	1	3
501 to 1200	20	2	3
1201 and above	32	3	5

* See 11.5.3

11.3.3 The wood poles shall be selected so as to ensure randomness of selection Random number tables as given in **SLS 428** shall be used.

11.4 Number of tests

11.4.1 Each wood pole in the lot shall be inspected for the following requirements and defects.

- Species (4)
- Dark inclusion(6.1)
- Compression wood (6.2)
- Cross breaks (6.3)
- Dead streaks (6.4)
- Decay (6.5)
- Defective butts (6.6)
- Hollow butts or tops (6.8)
- Hollow pith centres (6.9)
- Knots (6.11)
- Marine borer damage (6.12)
- Nails (6.13)
- Sap stain (6.14)
- Scars (6.15 and 6.16)
- Splits and checks (6.19)
- Straightness (6.20)
- Tension wood (6.21)
- Dimensions (7)

11.4.2 Each wood pole of the sample selected as in **11.3.2** shall be inspected for the following defects.

- Holes (6.7)
- Insect damage (6.10)
- Shakes (6.17)
- Spiral grain (6.18)
- Manufacturing requirements (8)

11.4.3 A sub sample of size as given in column 4 of Table 2 shall be selected from the sample selected as in **11.3.1** and subjected to the tests to determine mechanical properties of wood poles as given in **SLS 848 : Part 4**.

11.5 Criteria for conformity

A lot shall be declared as conforming to the requirements of this specification if the following conditions are satisfied.

11.5.1 Each wood pole inspected as in **11.4.1** satisfies the relevant requirements.

11.5.2 Each wood pole satisfies the marking requirement (9).

11.5.3 The number of wood poles not conforming to any one or more defects when inspected as in **11.4.2**, is less than or equal to the corresponding acceptance number given in column 3 of Table 2.

11.5.4 Each wood pole tested as in **11.4.3** shall have a modulus of elasticity and an ultimate strength not less than that indicated for the species in Table 2 of **SLS 849 : Part 3 : 1989**.