



NWPC Recommendation no. 10/2012

Preservative treatment of Douglas fir poles

The NWPC recommends preservative treatment of Douglas fir (*Pseudotsuga menziesii*) poles of European or North America origin providing:

- The wood quality complies with the requirements in NWPC Document no. 3, Part 1.
- Treatment is carried out with creosote oil approved by the NWPC for preservation class A.
- Penetration requirement according to AWWPA applies, *i.e.* the penetration of creosote must be at least 85 % of the sapwood.
- The retention of creosote shall comply with the NWPC approval, see list of approved preservatives from the NWPC.
- Factory production control of the treated poles can be carried out according to NWPC Document no. 3, Part 1, as far as applicable. Maximum 10 % (AQL = 10, see NWPC Document no. 3, Part 1) of the samples may deviate from the penetration requirement. When calculating the retention, a nominal dry density of 455 kg/m³ (for poles of European origin) and 475 kg/m³ (for poles of North American origin) shall be used, unless the density is known.