

Assay zone :

Assay shall include borings, which penetrated up to zones specified for assay. Borings taken from the center of wide surface of a piece shall only be assayed. For all species of timber, the assay zone shall be 0 mm to 15 mm (0 to 0.62 inch).

AWPA C16-82 & IRG
DOC: IRG/WP 96-40071.

Preservative Retention:

Copper shall be calculated as CuO and Chromium as CrO₃. The minimum retention shall be w/w 1.56% dry oxides (1.56 kg dry oxides in 98.44 kg of oven dry wood) for CCB and ACC in specified assay zone within the following limits:

AWPA C1-82, C2-83 & C16-82.

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IRG DOC: IRG/WP 96-40071.

Preservative	Specified retention (w/w%).	Minimum retention of individual components (w/w%)			Minimum sum of individual components assayed (w/w%)
		CrO ₃	CuO	H ₃ BO ₃	
CCB/ACC	1.56	0.85	0.40	0.31	1.56

A tolerance of -10% from the specified minimum retention is acceptable during destination inspection.

Tests:	1) Wet ash analysis for oxides.	AWPA A7-75, A2-85 (Section 2,5,6).
	2) X-ray.	AWPA A9-86.
	3) Atomic absorption.	AWPA A7-75 and A11-83.

ADD IN STANDARDS FOR INSULATORS & TRANSFORMERS:

The following paragraph shall be added as a new and first paragraph of sections for packaging and shipping:

"Insulator /transformer shall be shipped in non -returnable boxes manufactured from export quality preservative treated "wood". Wooden boxes shall be constructed from new lumber which shall be square sawn (wood without crossgrain), be of smooth surface, with no splits, warps, crooks, loose fibres decay or insect infestation. The timber used for standard wooden boxes shall be preservative treated in accordance with "American Wood Preservers' Association Standards" and as stipulated below:"

