

(PREVIEW)

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Indian Standard
POWER TRANSFORMERS
PART 7 LOADING GUIDE FOR OIL-IMMERSED POWER TRANSFORMERS

1 Scope

This part of IEC 60076 is applicable to oil-immersed transformers. It describes the effect of operation under various ambient temperatures and load conditions on transformer life.

NOTE For furnace transformers, the manufacturer should be consulted in view of the peculiar loading profile.

2 Normative references

The following referenced documents are indispensable for the application of this document For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies

IEC 60076-2: 1993, *Power transformers - Part 2: Temperature rise*

IEC 60076-4:2002, *Power transformers - Part 4: Guide to the lightning impulse and switching impulse testing - Power transformers and reactors*

IEC 60076-5:2000, *Power transformers - Part 5: Ability to withstand short circuit*