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Sommario/riassunto	The guide covers modern power transformers rated above 100 MVA, three-phase equivalent and 65 degrees C rise. The general approach is tutorial. Four different types of loading, that is, normal life expectancy loading, planned loading beyond nameplate rating, long-time emergency loading, and short-time emergency loading, are considered. The various effects of loading a transformer in excess of its nameplate rating are discussed. Temperature and maximum loading limitations are suggested.