

1. Record Nr.	UNINA9910135168303321
Titolo	IEEE Std 792 : IEEE Trial-Use Recommended Practice for the Evaluation of the Impulse Voltage Capability of Insulation Systems for AC Electric Machinery Employing Form-Wound Stator Coils // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 1988
ISBN	0-7381-9391-7
Descrizione fisica	1 online resource
Disciplina	621.3133
Soggetti	Electric machinery - Alternating current - Testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This recommended practice outlines a test procedure for the evaluation of the impulse voltage capability of insulation systems of form-wound alternating current rotating electrical machinery. This test procedure forms a base for the accumulation, analysis, and reporting of information concerning impulse voltage withstand strength of ground and turn insulation, both new and aged. The immediate goal is a better understanding of relevant aging mechanisms; the ultimate aim of this document is to aid in estimating life of an insulation system under specified service conditions. It must be emphasized that this test procedure is intended, at this time, for trial use. Future revisions, made after experience with it, should result in more definitive specifications being possible.