

1. Record Nr.	UNISA996279889503316
Titolo	IEEE Std 1844-2015 : IEEE Standard Test Procedure for Determining Circuit Integrity Performance of Fire Resistive Cables in Nuclear Facilities // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 2016
ISBN	1-5044-0666-4
Descrizione fisica	1 online resource (24 pages)
Disciplina	681.2
Soggetti	Detectors Measuring instruments
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Standardization of circuit integrity cable testing is beneficial to cable manufacturers, distributors, and users. Uniform procedures, consistent, repeatable results, and measureable test acceptance criteria are required to allow comparisons among competing products and to allow selection of the correct product for the application. In nuclear power facilities, electrical cables are relied upon to safely control the plant systems. Circuit integrity cables serve as fire-resistive protection for electrical circuits. Circuit integrity cables with a 1-h or 3-h ratings are expected to protect the electrical circuit from the effects of severe fire conditions to allow for achieving and maintaining safe shutdown conditions and suppression activities.