

ISO 8529-1:2001-02 (E)

Reference neutron radiations - Part 1: Characteristics and methods of production

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Tests and definitions	2
4	Reference radiations for the calibration of neutron-measuring devices	5
5	Reference radiations for the determination of the response of neutron-measuring devices as a function of neutron energy	9
Annex A (normative) Tabular and graphical representation of the neutron spectra for radionuclide sources		13
Annex B (informative) Angular source strength characteristics of two radionuclide neutron sources		20
Annex C (normative) Conventional thermal-neutron fluence rate		22
Bibliography		23