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Guide for estimation of measurement uncertainty in dosimetry for radiation processing

Guide pour l'estimation de l'incertitude de mesure en dosimétrie pour le traitement par irradiation





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Foreword

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ASTM International is one of the world's largest voluntary standards development organizations with global participation from affected stakeholders. ASTM technical committees follow rigorous due process balloting procedures.

A project between ISO and ASTM International has been formed to develop and maintain a group of ISO/ASTM radiation processing dosimetry standards. Under this project, ASTM Committee E61, Radiation Processing, is responsible for the development and maintenance of these dosimetry standards with unrestricted participation and input from appropriate ISO member bodies.

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International Standard ISO/ASTM 51707 was developed by ASTM Committee E61, Radiation Processing, through Subcommittee E61.01, Dosimetry, and by Technical Committee ISO/TC 85, Nuclear energy, nuclear technologies and radiological protection.

This third edition cancels and replaces the second edition (ISO/ASTM 51707:2005), which has been technically revised.