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Health and safety in welding and allied processes — Equipment for capture and separation of welding fume —

Part 2: Requirements for testing and marking of separation efficiency

*Hygiène et sécurité en soudage et techniques connexes —
Équipements de captage et de filtration des fumées —*

*Partie 2: Exigences relatives aux essais et marquage de l'efficacité de
séparation*



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Foreword

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 9, *Health and safety*.

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This first edition cancels and replaces ISO 15012-1.

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Introduction

It is common practice in the fabrication industry to control exposure to welding fume using local exhaust ventilation equipment that, following capture and separation of the fume, returns the extracted air to the workplace or exhausts it to the atmosphere. It is important that such equipment has high separation efficiency so that as little fume as possible is recirculated or exhausted. This document has therefore been developed to specify a test method for determining the efficiency of welding fume separation equipment and the requirements of the test method.