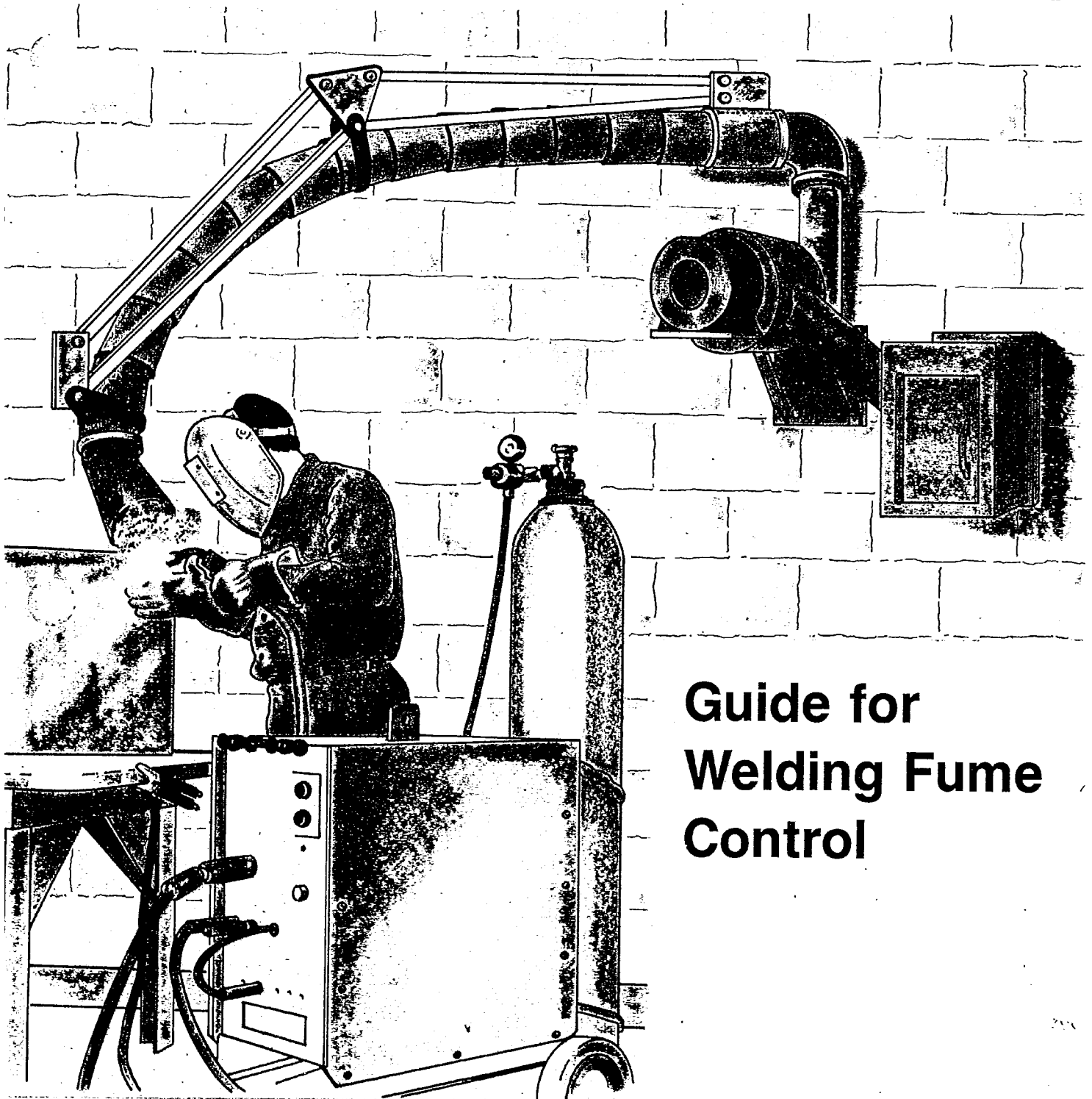


ANSI/AWS F3.1-89
An American National Standard



Guide for Welding Fume Control



American Welding Society

Keywords—Ventilation, airborne contaminants,
local exhaust, fume control, welding

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An American National Standard

Approved by
American National Standards Institute
June 12, 1989

Guide for Welding Fume Control

Prepared by
AWS Committee on Ventilation

Under the Direction of
AWS Committee on Safety and Health

Approved by
AWS Board of Directors

Abstract

This document introduces the reader to various types of ventilation systems, including dilution and local exhaust, for control of welding fume. It contains health hazard information on air contaminants found in the fume, sample design calculations, and drawings that illustrate ventilation techniques.



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Reprinted January 1990

International Standard Book Number: 0-87171-315-2

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Foreword

(This Foreword is not a part of ANSI/AWS F3.1-89, *Guide for Welding Fume Control*, but is included for information purposes only.)

In 1981, the American Welding Society entered into an informal arrangement to distribute an insurance company publication "Welding Fume Control with Mechanical Ventilation". In October, 1986, the copyright was purchased and an updated version was prepared for publication as an AWS document. This document contains information to help plan new or evaluate existing systems for control of welding fume in the workplace.

Comments and inquiries concerning this specification are welcome. They should be sent to the Technical Director, American Welding Society, 550 N.W. LeJeune Road, P.O. Box 351040, Miami, Florida 33135.

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