

ANSI/ASSP Z9.6-2008

Exhaust Systems for Grinding, Polishing and Buffing

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ANSI/AIHA Z9.6–2008

American National Standard — Exhaust Systems for Grinding, Polishing, and Buffing

Secretariat

American Industrial Hygiene Association

Approved: June 11, 2008

American National Standards Institute, Inc.

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FOREWORD (This foreword is not part of the American National Standard/AIHA Z9.6–2008)

A standard for ventilation of grinding, polishing, and buffing equipment was originally developed by the Industrial Hygiene Codes Committee of the American Foundrymen's Association (now known as the American Foundrymen's Society, or AFS) and was approved by the Board of Directors of that organization on December 4, 1936. Realizing that grinding, polishing, and buffing equipment is used in many industries and wishing to make technical material used by the foundry industry more widely available, the American Foundrymen's Association submitted this standard to the American Standards Association (now ANSI) for approval as an American National Standard. ASA referred the standard to the Z9 Committee on Exhaust Systems, a canvas of interested parties was conducted by letter ballot, and the standard was issued as Z43.1–1941 on August 14, 1941.

The Dust Control Committee of the American Foundrymen's Society revised and updated the standard, submitted the revision to the American Standards Association, and it was reissued under the guidance of the Z9 committee as Z43.1–1966. ANSI withdrew the standard in 1988 when no further work was done on it. The Z9 Committee, however, believed it was important to maintain this consensus information and chartered a Z9.6 subcommittee in 1992 to rewrite Z43.1 as ANSI Z9.6. This new standard provides updated information on ventilation for grinding, polishing, and buffing operations that conforms to current accepted practices.

New technology and research continues to change this field and it is hoped that future versions of the standard will reflect this growth in knowledge. Suggestions for improvement are welcome. They should be sent to the American Industrial Hygiene Association, 2700 Prosperity Avenue, Suite 250, Fairfax, VA 22031.

How to Use this Standard

The requirements of the standard beginning in Section 4 are presented in a two-column format. The left column presents the requirements of the standard; the right column provides clarification and explanation of the requirements.

Figures 1–15 are incorporated as part of the standard.

Standard requirements should be considered minimum criteria and can be adapted to the needs of the User establishment. Demonstrably equal or better approaches are acceptable. When deviating from the Standard, documentation should be provided.

The Standard is auditable by those trained in ventilation. An Audit Form is provided in the Appendix.