

## FOREWORD

In an effort to provide SMACNA contractors, architects, engineers, building owners and managers, and the general construction industry with a researched, practical publication to assist in maintaining acceptable indoor air quality during building renovation, SMACNA's Building Services Committee developed the first edition of the *IAQ Guidelines for Occupied Buildings Under Construction*. This manual has its roots in a workshop that took place during the IAQ 1993 Conference that was co-sponsored by SMACNA and other professional organizations. As the conference progressed it became clear that, other than the combined experiences of the presenters and other specialized professionals in attendance, there was little published technical guidance that dealt with the potential health hazards and annoyances related to carrying on construction activity in occupied buildings.

This second edition of the IAQ Guideline has been updated and was passed through an additional review process using a canvass review that meets SMACNA's American National Standards Institute (ANSI) accredited procedures. The ANSI process assures that interested and affected parties have an opportunity to review, comment, and approve publications as an ANSI standard document via a consensus process.

The IAQ Guideline is intended to be an authoritative source for providing project management guidance in maintaining satisfactory indoor air quality (IAQ) of occupied buildings undergoing renovation or construction. The Guideline covers how to manage the source of air pollutants, control measures, quality control and documentation, communication with occupants. It includes example projects, tables, references, resources, and checklists. The previous edition of the IAQ Guideline is referenced by the U.S. Green Building Council's LEED Green Building Rating System for Existing Buildings and New Construction. SMACNA recommends the guide to architects, engineers, construction managers, facility managers and building owners who will be involved in construction activities inside occupied buildings. Additionally, the principles presented here are also applicable to IAQ problems encountered in occupied areas of buildings during the final phases of new construction.

Methods to identify and remediate lead, asbestos, or other materials that are classified as hazardous materials are not intended to be within the scope of this standard.

SHEET METAL AND AIR CONDITIONING CONTRACTORS'  
NATIONAL ASSOCIATION, INC.

