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Emergency Communications Audio Intelligibility Applications Guide

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Foreword

Emergency voice communications are extensively used to provide building occupants information and instructions during emergencies. These messages contain vital safety information that must be clearly understood by the building occupants. Consequently, intelligibility of these paging systems has become a vital concern. This guide was developed to assist specifiers and Jurisdictional Authorities that are not experts in acoustics with understanding the basic concepts that impact intelligibility.

Proposed or recommended revisions should be submitted to:

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Scope

NEMA has created this guide to assist specifiers and Authorities Having Jurisdiction with understanding the concepts and terminology utilized to enhance intelligibility for emergency voice paging systems. This is not nor is it intended to be a comprehensive treatment of the subject matter. Rather, it provides an overview of issues and general recommendations to enhance intelligibility.

Acknowledgment

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