



## **NEMA BS 31004-2022**

### *Public Address (PA) Communication Systems for Life Safety in Schools*

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## **Foreword**

In the preparation of this publication, input of users and other interested parties has been sought and evaluated. Inquiries, comments, and proposed or recommended revisions should be submitted to the concerned NEMA product section by contacting:

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## **Section 1 Administration**

### **1.1 Scope**

This guide covers the application, installation, location, performance, and maintenance of school public address (PA) communication systems used for emergency communications and their components.

#### **1.1.1 This Guide Does Not Cover the Following**

- a. In-building fire alarm emergency voice alarm communication (EVAC) systems required by National Fire Protection Association (NFPA) and International Code Council (ICC) model codes
- b. Emergency responder communications enhancement systems (ERCES) required by National Fire Protection Association (NFPA) and International Code Council (ICC) model codes
- c. Wide-area mass notification systems
- d. Distributed recipient mass notification systems
- e. Area of refuge systems

### **1.2 Purpose**

**1.2.1** The purpose of this guide is to define the means of signal initiation, transmission, notification, and annunciation; level of performance; and reliability of various types of school PA communication systems.

**1.2.2** The guide also defines the features associated with these systems.

**1.2.3** This guide describes minimum required levels of performance, extent of redundancy, and quality of installation, but does not limit the methods by which these requirements are to be achieved.

### **1.3 Application**

**1.3.1** The guide is intended for all educational facilities.

**1.3.2** The guide applies to single-building schools, multi-building campuses, and multi-school districts.