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## FOREWORD

ICEA publications are adopted in the public interest and are designed to eliminate misunderstanding between the manufacturer and user in selecting and obtaining proper products for his particular need. The user of this publication is cautioned to observe any health or safety regulations and rules relative to the manufacture and use of cable covered by this document.

This guide does not indicate or suggest that the jacket materials selected using the requirements indicated will be less hazardous than other cable jackets or will prevent fire spread and smoke generation under all fire scenarios. This guide does not state or imply that halogen containing materials are inferior or necessarily hazardous in any conditions including fires. In fact, most common halogen containing cable jacket materials have exceptional combinations of physical properties, mechanical performance, and fire retardancy. Under some specific methods of measuring smoke and corrosive gas generation, these test methods have indicated that the halogen-free materials generate less smoke and corrosive gases when compared to many halogen containing materials. Some of these test methods are used in the combustion requirements of this guide, but they are not suggested as ultimately the best methods for determining fire performance.

It is up to the user of the cable to determine the performance criteria of the application and match them appropriately to the requirements of the overall cable design, not just the cable jacket.

Suggestions for improvements in this publication are welcome, and should be sent to ICEA at the address below.

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