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SUBJECT 1294

OUTLINE OF INVESTIGATION

FOR

COMPOSITE PANELS

ISSUE NUMBER: 1

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Summary of Topics

This is the First Issue of Subject 1294, Outline of Investigation for Composite Panels. Composite panels incorporate pre-installed branch circuit electrical power distribution systems which are usually concealed and may not be accessible for inspection at the installation site.

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INTRODUCTION

1 Scope

1.1 This Outline covers factory-built panel assemblies for use within or as part of the structure of buildings for commercial, industrial and residential use. These assemblies incorporate pre-installed branch circuit electrical power distribution systems which are usually concealed and may not be accessible for inspection at the installation site. Some panels incorporate audio, lighting, ventilation fans and other utilization equipment.

1.2 The panel systems are evaluated only for installation in ordinary locations in accordance with the National Electrical Code, ANSI/NFPA 70. Special Occupancies as specified in ANSI/NFPA 70 are not addressed by these requirements.

1.3 Composite panel assemblies covered by this outline are intended to be installed in accordance with the National Electrical Code, ANSI/NFPA 70, where the acceptability of the field assembled panel system is determined by the Authority Having Jurisdiction.

1.4 The surface flammability or fire resistance of the panel or panel system is not covered by this outline except as related to the individual requirements of the electrical components used within the system.

2 Components

2.1 Except as indicated in 2.2, a component of a product covered by this Outline of Investigation shall comply with the requirements for that component. See Appendix A for a list of standards covering components generally used in the products covered by this Outline.

2.2 A component need not comply with a specific requirement that:

- a) Involves a feature or characteristic not needed in the application of the component in the product covered by this outline; or
- b) Is superseded by a requirement in this Outline of Investigation.

2.3 A component shall be used in accordance with its recognized rating established for the intended conditions of use.

2.4 Specific components are recognized as being incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits and shall be used only under those specific conditions for which they have been recognized.