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Theater of Operations Electrical Systems

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Preface

Field Manual (FM) 5-424 is intended for use as a training guide and reference text for engineer personnel who are responsible for planning and executing theater of operations (TO) construction. The five parts of this manual provide practical information for military personnel in the design, layout, installation, and maintenance of exterior and interior electrical wiring and power-generation systems. Figures and tables dealing with electrical parts and equipment are contained in Appendix A; figures and tables dealing with electrical data are contained in Appendix B.

Technical Manuals (TMs) 5-301 (1-4 series), 5-302 (1-5 series), and 5-303 present the Engineer Functional Components System, which is based on the wiring techniques described in this manual. Future revision of the Engineer Functional Components System will change the wiring systems that are currently used to more modern methods of cable and conduit wiring.

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