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TM 3-34.44 (FM 5-428) / MCRP 3-17.7D

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CONCRETE AND MASONRY

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July 2012

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TM 3-34.44 is primarily a training guide and reference text for engineer personnel using concrete and masonry materials in field construction. The manual has two parts: Concrete (Part One) and Masonry (Part Two). Part One covers the physical characteristics, properties, and ingredients of concrete; mixtures, design and construction of forms; and with reinforced concrete and field construction procedures. Part Two addresses the mason's tools and equipment as well as the physical characteristics and properties of concrete blocks, bricks, and structural clay tiles. It further explains construction procedures and methods for these masonry units. Appendix A contains an English to metric measurement conversion chart. The proponent of this publication is HQ TRADOC.

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