



AMERICAN PETROLEUM INSTITUTE



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### El Hydrocarbon Management HM 1 Part 1

### Calculation of Static Petroleum Quantities—Upright Cylindrical Tanks and Marine Vessels

3rd edition, April 2012



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Tanks and Marine Vessels

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## Foreword

This two-part publication presents standard calculation procedures for static petroleum liquids. The two parts consist of the following:

Part 1—Upright Cylindrical Tanks and Marine Vessels

Part 2—Calculation Procedure for Tank Cars

This publication was prepared jointly by the American Petroleum Institute Committee on Petroleum Measurement and the Energy Institute Hydrocarbon Management Committee.

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## **Introduction**

These procedures are intended to encourage a uniform approach to volumetric and mass calculation of crude oil, petroleum products, and petrochemicals when contained in tanks. This publication will also address calculation sequences, rounding, and significant digits, with the aim that different operators can produce identical results from the same observed data.