

## Hydrocarbon management

HM 45

Statistical control of measuring instruments using  
control charts – simplified method

2nd edition

HYDROCARBON MANAGEMENT  
HM 45 STATISTICAL CONTROL OF MEASURING INSTRUMENTS  
USING CONTROL CHARTS – SIMPLIFIED METHOD

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## FOREWORD

The Energy Institute (EI) Hydrocarbon Management Committee is responsible for the production and maintenance of Guidelines covering various aspects of static and dynamic measurement. This publication has been instigated and managed by the EI's Refinery and Distribution Measurement Committee, HMC-2 which deals with measurement applicable to the refinery and distribution sector of the industry which includes metering and proving.

This second edition of HM 45 includes a number of updates. A new Annex B provides a more rigorous statistical approach to using meter control charts and includes material that was previously included in HM 25 *Statistics for static and dynamic measurement*.

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