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BSI Standards Publication

Bunkering — Meter verification using master Coriolis mass flow meter

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National foreword

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Foreword

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Introduction

The objective of this document is to set qualifying requirements for the master Corolis mass flow meter in the bunkering context as well as to establish meter verification requirements and a verification procedure for using the master meter. The meter verification is performed to:

a) verify the mass flow meter (MFM) that is used for custody transfer;

b) track the meter stability of the duty meter used in the MFM system at regular intervals during its commercial service.

Regular meter verification provides another option to MFM users other than regular re-calibration. It is more efficient, less costly and less time-consuming to monitor the measurement performance of the MFM over time in compliance with the metrological requirements for custody transfer.

This document is intended to complement the meter verification requirements in ISO 22192 and ISO 6963.

In this document, the following verbal forms are used:

— “shall” indicates a requirement;

— “should” indicates a recommendation;

— “may” indicates a permission;

— “can” indicates a possibility or a capability.

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