DIN EN ISO 23306:2022-11 (E)

Specification of liquefied natural gas as a fuel for marine applications (ISO 23306:2020)

Contents

Page

European foreword 3

Foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 General requirements 7

5 Sampling 8

6 Requirements, limit values and related test methods 8

7 Main compounds removed by liquefaction process 9

Annex A (normative) Propane knock index: Methane number calculation method 11

Annex B (informative) Examples of LNG composition 17

Annex C (informative) Methane number (knock resistance) and Wobbe index (thermal input through a restriction) 20

Annex D (informative) LNG ageing along the bunkering chain 22

Annex E (informative) Particles 23

Annex F (informative) Melting and boiling points of pure components and impurities that can be present in different LNG 24

Bibliography 26