ISO 21072-3:2020 (E)

Ships and marine technology — Marine environment protection: performance testing of oil skimmers — Part 3: High viscosity oil

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Test facility requirements

- 4.1 General
- 4.2 Oil properties
- 4.3 Air and water temperature
- 4.4 Oil slick thickness
- 4.5 Measuring tanks

5 Clearance requirements

6 Test parameters

- 6.1 General
- 6.2 Test oil properties
- 6.3 Oil slick thickness
- 6.4 Skimmer operating parameters
- 6.5 Debris interference
- 6.6 Skimmer movement through slick

7 Test procedures

- 7.1 Preparations prior to testing
- 7.2 Actions during testing period
- 7.3 Actions after testing

8 Performance parameters

- 8.1 General
- 8.2 Fluid recovery rate
- 8.3 Oil recovery testing rate
- 8.4 Oil recovery efficiency

9 Measurements and reporting

- 9.1 General
- 9.2 Oil properties
- 9.3 Environmental parameters
- 9.4 Skimmer operating parameters
- 9.5 Other test parameters
- 9.6 Recovery parameters
- 9.7 Performance parameters (calculated parameters)
- 9.8 Equipment specification and test documentation

10 Quality control

- 10.1 Test duration and fluid volume
- 10.2 Repetitions

Page count: 10