



**CERTIFICATE OF APPROVAL FOR FIRMS  
ENGAGED IN  
INSPECTION AND MAINTENANCE OF  
FIRE FIGHTING EQUIPMENT AND SYSTEMS**

Certificate No. : 20TZ379

Approval No. : 20FE032

THIS IS TO CERTIFY that

**Marine Technical Solutions**

**Urb. Torre Almirante, no. 1B, Local 1 Algeciras Cadiz C.P 11203, Spain**

is approved as a firm engaged in inspection and maintenance of fire fighting equipment and systems under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **14 July 2025** subject to periodical assessment.

Issued at Tokyo on 15 July 2020.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(Y. Iga)

General Manager of Survey Department

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

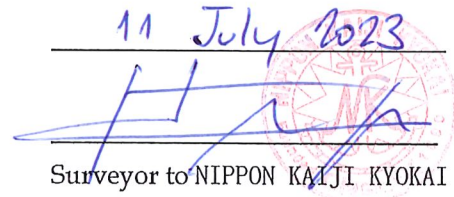
*Due Range of Periodical Assessment: between 15 July 2022 and 14 July 2023*

*Periodical  
Assessment*

*Date*

11 July 2023

*Signature*



Surveyor to NIPPON KAIJI KYOKAI

*Occasional  
Assessment*

*Date*

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*Signature*

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Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The scope of inspections / maintenances of this firm is as follows
  - CO2 High Pressure System
  - CO2 Low Pressure System
  - Foam System
  - Dry Powder System
  - Fire Alarm System
  - Fire Detection System
  - Smoke Detection System
  - Water Mist System
  - Sprinkler System
  - Water Spray System
  - Fire Extinguishers
  - Self contained breathing apparatuses
  - EEBD
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.



**CERTIFICATE OF APPROVAL FOR  
FIRMS ENGAGED IN SURVEY USING  
REMOTE INSPECTION TECHNIQUES AS  
AN ALTERNATIVE MEANS FOR CLOSE-UP SURVEY**

Certificate No. : 20TZ722

Approval No. : 20RI011

THIS IS TO CERTIFY that

**Marine Technical Solutions**

**Urb. Torre Almirante No. 1, Local 1B, Algeciras, Cadiz, Spain**

is approved as a firm engaged in survey using remote inspection techniques as an alternative means for close-up survey of the structure under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **24 December 2025** subject to periodical assessment.

Issued at Tokyo on 25 December 2020.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(Y. Iga)

General Manager of Survey Department

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Due Range of Periodical Assessment: between 25 December 2022 and 24 December 2023*

*Periodical  
Assessment*

*Date*

11 July 2023

*Signature*

  
Surveyor to NIPPON KAIJI KYOKAI

*Occasional  
Assessment*

*Date*

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*Signature*

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Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The firm uses following RITs as an alternative means for Close-up Survey.
  - Rope Access
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.



**CERTIFICATE OF APPROVAL FOR FIRMS  
ENGAGED IN THICKNESS MEASUREMENTS ON  
SHIPS OR MOBILE OFFSHORE UNITS**

Certificate No. : 23TZ375

Approval No. : 20TM012

THIS IS TO CERTIFY that

**Marine Technical Solutions**

**Urb. Torre Almirante No.1, Local 1B, 11203, Algeciras, Spain**

is approved as a firm engaged in thickness measurements on ships under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **10 July 2026**.

Issued at Tokyo on 19 July 2023.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)

General Manager of Survey Department

*This is to certify that the firm has been occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Occasional*

*Assessment*

*Date*

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*Signature*

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Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
2. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.



**CERTIFICATE OF APPROVAL  
FOR FIRMS ENGAGED IN TIGHTNESS TESTING OF  
CLOSING APPLIANCES WITH ULTRASONIC  
EQUIPMENT**

Certificate No. : 20TZ378

Approval No. : 20TH002

THIS IS TO CERTIFY that

**Marine Technical Solutions**

**Urb. Torre Almirante, no. 1B, Local 1 Algeciras Cadiz C.P 11203, Spain**

is approved as a firm engaged in tightness testing of closing appliances with ultrasonic equipment under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **14 July 2025** subject to periodical assessment.

Issued at Tokyo on 15 July 2020.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI



(Y. Iga)

General Manager of Survey Department

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Due Range of Periodical Assessment: between 15 July 2022 and 14 July 2023*

*Periodical  
Assessment*

*Date*

11 July 2023

*Signature*

[Signature]  
Surveyor to NIPPON KAIJI KYOKAI

*Occasional  
Assessment*

*Date*

\_\_\_\_\_

*Signature*

\_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
2. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.