



Indian Register of Shipping

CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

This is to certify that, based upon satisfactory audit and witnessing the services undertaken by the firm in accordance with IRS procedures

ANKA NDT MÜHENDISLIK VE SÖRVEY HİZMETLERİ

ESREF SK. NO: 10D: 1

EVLIYA CELEBI MH

TUZLA

ISTANBUL

TURKIYE

has been approved for:

Surveys using Remote Inspection Techniques (RIT) of the structure of ships and mobile offshore units as an alternative means of Close-up Survey by:

- *Unmanned Aerial Vehicles (UAV), Drones*
- *Climbers*

Completion date of verification on which this certificate is based **04/04/2024**.

This certificate is valid upto **03/04/2027**.

- The approval is subject to the terms and conditions as specified in Annexure I to this certificate.
- List of Supervisors/Operators as specified in Annexure II to this certificate.

Issued at **MUMBAI** on **12/04/2024**.

T. Ghosh

Official Seal



Head of Department
Ships and Technical Services
Indian Register of Shipping

See overleaf for conditions of issue of this certificate

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-

Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.

Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.





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ANNEXURE I

Terms and Conditions of Issuance of the Certificate

The society reserves the right to invalidate this approval, under following conditions:

1. Where the service was improperly carried out or the results were improperly reported.
2. Where surveyor finds deficiencies in the approved service operating system of the supplier and appropriate corrective action is not taken.
3. Where alterations have been made to the Quality System relevant to the service supplier certificate, without written notification to IRS.
4. Where willful acts or omissions are ascertained.
5. Where any deliberate misrepresentation has been made by the service supplier.
6. Confidentiality (detail information acquired during the job) shall not be disclosed or released to third party without permission of this society.
7. Statutory and regulatory permissions as applicable for the operation of the Unmanned Aerial Vehicle in the area where the service is to be rendered are to be available prior to delivery of the service. This shall include availability of licences as required by the national / local administration for the Unmanned Aerial Vehicle Being used to perform the intended services.
8. The Unmanned Aerial Vehicle pilots employed are to be qualified and licenced in accordance with applicable national requirements or an equivalent industrial standard.





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Date: 12/04/2024

ANKA NDT MÜHENDISLIK VE SÖRVEY HİZMETLERİ ANNEXURE II

The following personnel(s) based on their qualification; experience and training are considered appropriate for carrying out thickness measurement in ships.

RIT Method:

1. Unmanned Aerial Vehicles (UAV), Drones

Sr. No.	Name of Supervisor	Name of Operator
1	Ozcan Hamurcu	Ayvaz Namazoglu
2		Furkan Cicek
3		Alperen Duran

List of Equipment:

Sr. No.	RIT Equipment	Identification Details
1	DRONE (Make: SZ DJI TECHNOLOGY CO. LTD)	08QDDC70120118
2	UTM DRONE (Make: Tritex)	65-6013
3	UTM DEVICE (Make: Tritex)	60-6112
4	TWO WAY RADIO	2201AT00559
5	ACTION CAMERA (Make: Gopro)	C3441327371664

2. Climbers

Sr. No.	Name of Supervisor	Name of Operator
1	Kaan Kara	Ugur Atay
2	Adem Cifci	Furkan Cicek

List of Equipment:

Sr. No.	RIT Equipment	Identification Details
1	Safety Helmet	230296 ZI-K-2
2	Safety Hemet	177387 Zi-K-4
3	Rope Access Harness	10010085ZI-IEK
4	Rope Access Harness	8040009ZI-IEK
5	Descender (Anti-Panic System)	211418680003 ZI
6	Descender (Anti-Panic System)	211362900042 ZI
7	Shock Absorber	05100100 ZI-SE



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Sr. No.	RIT Equipment	Identification Details
8	Shock Absorber	05100095 ZI-SE

A blue ink signature of T. Ghosh.

T. Ghosh

*Head of Department
Ships and Technical Services
Indian Register of Shipping*

Official Seal

