

*This is to Certify that the Management System of
Bu belge ile Yönetim Sistemi Belgelendirilen.*

**ANV TEKNİK MÜHENDİSLİK
DANIŞMANLIK SAN. VE TİC. LTD. ŞTİ.**

EVLIYA ÇELEBİ MAH. GANİ SK. NO:37/11 TUZLA / İSTANBUL / TÜRKİYE

*Has been assessed and found to Comply with the Requirements of
Denetlenmiş ve aşağıdaki standartın gerekliliklerine uygunluğu görülmüştür*

ISO 9001:2008

*The Quality Management System is applicable to:
Kalite Yönetim Sistemi:*

**NOISE AND VIBRATION ENGINEERING, CONSULTANCY AND NOISE
AND VIBRATION MEASUREMENTS AND RELATED MEASUREMENTS**

**SES VE TİTREŞİM MÜHENDİSLİK, DANIŞMANLIK VE İLGİLİ SES VE
TİTREŞİM ÖLÇÜM HİZMETLERİ VE DİĞER ÖLÇÜM HİZMETLERİ**

**Certificate No: 12284
Sertifika Numarası: 12284**

**Date of Certification Audit: 29.03.2017
Denetim Tarihi: 29.03.2017**

**Date of Issue: 04.04.2017
Yayınlanma Tarihi: 04.04.2017**

**Date of Expiry: 03.04.2018
Son Geçerlilik Tarihi: 03.04.2018**

**1st Surveillance Audit : April 2018
1. Gözetim Denetim Tarihi : Nisan 2018
2nd Surveillance Audit : April 2019
2. Gözetim Denetim Tarihi : Nisan 2019**



Okhewal
CEO

BCI British Certification Inc

Office no: 19-20, Shiv Arcade, A-2 Acharya Niketan, Mayur Vihar Phase-1
Accreditation by Joint Accreditation System of Australia and New Zealand 4 Phipps Close, DEAKIN, ACT 2600, AUSTRALIA
In order to question the validity of your certificate, you can send an E-mail to info@bcicert.com

*This is to Certify that the Management System of
Bu belge ile Yönetim Sistemi Belgelendirilen.*

**ANV TEKNİK MÜHENDİSLİK
DANIŞMANLIK SAN. VE TİC. LTD. ŞTİ.**

EVLIYA ÇELEBİ MAH. GANİ SK. NO:37/11 TUZLA / İSTANBUL / TÜRKİYE

*Has been assessed and found to Comply with the Requirements of
Denetlenmiş ve aşağıdaki standartın gerekliliklerine uygunluğu görülmüştür*

ISO 10002:2004

*The Customer Satisfaction and Complaint Management System is applicable to.
Müşteri Memnuniyeti ve Şikayet Yönetim Sistemi:*

**NOISE AND VIBRATION ENGINEERING, CONSULTANCY AND NOISE
AND VIBRATION MEASUREMENTS AND RELATED MEASUREMENTS**

**SES VE TİTREŞİM MÜHENDİSLİK, DANIŞMANLIK VE İLGİLİ SES VE
TİTREŞİM ÖLÇÜM HİZMETLERİ VE DİĞER ÖLÇÜM HİZMETLERİ**

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Okhewal
CEO

BCI British Certification Inc



Certificate of Approval

**Approving a Service Supplier engaged in
measurements of noise level onboard ships**

No. ITB0/SKG/20170803172030

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions
Délivrée dans le cadre des Conditions Générales de Bureau Veritas Marine & Offshore

Company: **ANV TEKNIK MUHENDISLIK DANISMANLIK SAN.VETIC.LTD.STI.**
Company address*: **EVLIYA CELEBI MH. TERSANELER CD.
GANI SK. NO:37/11 TUZLA

ISTANBUL
TURKEY**

Scope of the approval:

Measurements of noise level onboard ships.

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Company's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533 DNS.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Approval.

The Certificate is valid until**: 26 July 2020

Completion date of the assessment on which this certificate based: 27 July 2017

At: ISTANBUL on 3 August 2017

Bureau Veritas Surveyor's signature :


For BUREAU VERITAS
Ender Bilen


* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore and the General Conditions therein are applicable.

La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

Certificate N° ITB0/SKG/20170803172030

Company Name ANV TEKNIK MUHENDISLIK DANISMANLIK SAN.VETIC.LTD.STI.

SCHEDULE OF THE APPROVAL

1- List of equipment and systems

Ecophysika-11A

For extension of this Approval to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.

2- List of subsidiaries covered by this certificate

- / -

3- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

4- Other conditions

-

5- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to Bureau Veritas)

Place:

Date:



Certificate of Approval

**Approving a Service Supplier engaged in sound pressure level measurements
of public address or general alarm systems aboard ships or mobile offshore units
classed with the Society**

No. ITB0/SKG/20170803172201

Issued within the scope of the Bureau Veritas Marine & Offshore Division General Conditions
Délivrée dans le cadre des Conditions Générales de la Division Marine & Offshore du Bureau Veritas

Company: ANV TEKNIK MUHENDISLIK DANISMANLIK SAN.VE TIC.LTD.STI.

**Company address*: EVLIYA CELEBI MH. TERSANELER CD.
GANI SK. NO:37/11 TUZLA**

**ISTANBUL
TURKEY**

Scope of the approval:

Survey, maintenance and test of public address and/or general alarm systems as per the list included in the attached Schedule of Approval.

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine Division General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until**: 26 July 2020

Completion date of the assessment on which this certificate based: 27 July 2017

At: ISTANBUL on 3 August 2017

Bureau Veritas Surveyor's signature :


For BUREAU VERITAS
Ender Bilen



* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

Certificate N° ITB0/SKG/20170803172201

Company Name ANV TEKNIK MUHENDISLIK DANISMANLIK SAN.VETIC.LTD.STI.

SCHEDULE OF THE APPROVAL

1- List of equipment and systems

Ecophysika-11A

For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.

2- List of subsidiaries covered by this certificate

- / -

3- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

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- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

4- Other conditions

-

5- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to Bureau Veritas)

Place:

Date:

AVL AKUSTİK VİBRASYON
KALİBRASYON LABORATUVARI

İvedik O.S.B. 1385. Sk. No: 10 OSTİM / ANKARA

Kalibrasyon Sertifikası
Calibration Certificate

AB-0089-K

2017-0604

05-2017

Cihazın Sahibi : ANV TEKNİK MÜHENDİSLİK DANIŞMANLIK SAN. VE TİC.LTD.ŞTİ.
Customer Name : Evliya Çelebi Mh. Tersaneler Cd. Gani Sk. No:37/11 Tuzla / İSTANBUL

İstek Numarası : T-0517-008
Order No.

Makine / Cihaz : Akustik Kalibratör
Instrument / Device : Acoustic Calibrator

İmalatçı : CIRRUS
Manufacturer

Tip : CR:515
Type

Seri Numarası : 73005
Serial number

Kalibrasyon Tarihi : 04.05.2017
Date of calibration

Sertifika Sayfa Sayısı : 3
Number of pages of the certificate

Bu kalibrasyon sertifikası, Uluslararası Birimler Sisteminde (SI) tanımlanmış birimleri realize eden ulusal ölçüm standardlarına izlenebilirliği belgeler.

This calibration certificate documents the traceability to national standards, which realize the unit of measurement according to the International System of Units (SI).

Türk Akreditasyon Kurumu (TÜRKAK) kalibrasyon sertifikalarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanınma antlaşmasını imzalamıştır. The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of calibration certificates.

Ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri ve kalibrasyon metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

The measurements, the uncertainties with confidence probability and calibration methods are given on the following pages which are part of this certificate.



Tarih
Date

05.05.2017

Kalibrasyonu Yapan
Calibrated by

Ayşegül BATMAZ

Laboratuvar Müdürü
Head of the Calibration Laboratory

Younes NEVAYE SHIRAZI

Bu sertifika, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürsüz sertifikalar geçersizdir.

This certificate shall not be reproduced other than in full except with the permission of the laboratory. Calibration certificates without signature and seal are not valid.



AVL
Kalibrasyon Laboratuvarı

TÜRKAK
TÜRK AKREDİTASYON KURUMU
TURKISH ACCREDITATION AGENCY
tarafından akredite edilmiştir.



Kalibrasyon
TS EN ISO/IEC 17025
AB-0089-K

AB-0089-K

2017-0605

05-2017

AVL AKUSTİK VİBRASYON
KALİBRASYON LABORATUVARI

İvedik O.S.B. 1385. Sk. No: 10 OSTİM / ANKARA

Kalibrasyon Sertifikası
Calibration Certificate

Cihazın Sahibi : ANV TEKNİK MÜHENDİSLİK DANIŞMANLIK SAN. VE TİC.LTD.ŞTİ.
Customer Name : Evliya Çelebi Mh. Tersaneler Cd. Gani Sk. No:37/11 Tuzla / İSTANBUL

İstek Numarası : T-0517-008
Order No.

Makine / Cihaz : Ses Seviyesi Ölçüm Cihazı
Instrument / Device : Sound Level Meter

İmalatçı : Cihaz / Mikrofon: OKTAVA (OKTABA)
Manufacturer

Tip : Cihaz: EKOFİZİKA-110A (ЭКОФИЗИКА-110A) / Mikrofon: MK-265 (MK-265)
Type

Seri Numarası : Cihaz: BA160311 (BA160311) / Mikrofon: 6109
Serial number

Kalibrasyon Tarihi : 04.05.2017
Date of calibration

Sertifika Sayfa Sayısı : 11
Number of pages of the certificate

Bu kalibrasyon sertifikası, Uluslararası Birimler Sisteminde (SI) tanımlanmış birimleri realize eden ulusal ölçüm standartlarına izlenebilirliği belgeler.

This calibration certificate documents the traceability to national standards, which realize the unit of measurement according to the International System of Units (SI).

Türk Akreditasyon Kurumu (TÜRKAK) kalibrasyon sertifikalarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanınma antlaşmasını imzalamıştır. The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of calibration certificates.

Ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri ve kalibrasyon metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

The measurements, the uncertainties with confidence probability and calibration methods are given on the following pages which are part of this certificate.



Mühür
Date

05.05.2017

Kalibrasyonu Yapan
Calibrated by

Ayşegül BATMAZ

Laboratuvar Müdürü
Head of the Calibration Laboratory

Younes NEVAYE SHIRAZI

Bu sertifika, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürsüz sertifikalar geçersizdir.

This certificate shall not be reproduced other than in full except with the permission of the laboratory. Calibration certificates without signature and seal are not valid.

faks: +90 312 394 15 53

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web sitesi : www.avl.com.tr

e-posta : bilgi@avl.com.tr



AVL
Kalibrasyon Laboratuvarı

TÜRKAK
TÜRK AKREDİTASYON KURUMU
TURKISH ACCREDITATION AGENCY
tarafından akredite edilmiştir.



Kalibrasyon
TS EN ISO/IEC 17025
AB-0089-K

AVL AKUSTİK VİBRASYON
KALİBRASYON LABORATUVARI

İvedik O.S.B. 1385. Sk. No: 10 OSTİM / ANKARA

Kalibrasyon Sertifikası
Calibration Certificate

AB-0089-K

17V0200

10-2017

Cihazın Sahibi : ANV TEKNİK MÜHENDİSLİK DANIŞMANLIK SAN. VE TİC.LTD.ŞTİ.
Customer Name : Evliya Çelebi Mh. Tersaneler Cd. Gani Sk. No:37/11 Tuzla / ISTANBUL

İstek Numarası : T-1017-040
Order No.

Makine / Cihaz : Titreşim Ölçer / Sensör
Instrument / Device : Vibration Meter / Sensor

İmalatçı : OKTAVA (OKTABA)
Manufacturer

Tip : EKOFİZİKA-110A (ЭКОФИЗИКА-110А) / DN-4-E (ДН-4-Э)
Type

Seri Numarası : BA160311 (БА160311) / 150128
Serial number

Kalibrasyon Tarihi : 23.10.2017
Date of calibration

Sertifika Sayfa Sayısı : 5
Number of pages

Bu kalibrasyon sertifikası, Uluslararası Birimler Sisteminde (SI) tanımlanmış birimleri realize eden ulusal ölçüm standardlarına izlenebilirliği belgeler.

This calibration certificate documents the traceability to national standards, which realize the unit of measurement according to the International System of Units (SI).

Türk Akreditasyon Kurumu (TÜRKAK) kalibrasyon sertifikalarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanınma antlaşmasını imzalamıştır.

The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of calibration certificates.

Ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri ve kalibrasyon metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

The measurements, the uncertainties with confidence probability and calibration methods are given on the following pages which are part of this certificate.



Mühür
Seal

Tarih
Date

Kalibrasyonu Yapan
Calibrated by

Ayşegül BATMAZ

Laboratuvar Müdürü
Head of the Calibration Laboratory

Younes NEVAYESHİRAZİ

Bu sertifika, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürlü sertifikalar geçersizdir.

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AVL AKUSTİK VİBRASYON
KALİBRASYON LABORATUVARI

İvedik O.S.B. 1385. Sk. No: 10 OSTİM / ANKARA

Kalibrasyon Sertifikası
Calibration Certificate

Cihazın Sahibi : ANV TEKNİK MÜHENDİSLİK DANIŞMANLIK SAN. VE TİC.LTD.ŞTİ.
Customer Name : Evliya Çelebi Mh. Tersaneler Cd. Gani Sk. No:37/11 Tuzla / İSTANBUL

İstek Numarası : T-0517-008
Order No.

Makine / Cihaz : Titreşim Ölçer / Sensör
Instrument / Device : Vibration Meter / Sensor

İmalatçı : RION
Manufacturer

Tip : VA-12 / PV-571
Type

Seri Numarası : 00110353 / 00381
Serial number

Kalibrasyon Tarihi : 03.05.2017
Date of calibration

Sertifika Sayfa Sayısı : 5
Number of pages of the certificate

Bu kalibrasyon sertifikası, Uluslararası Birimler Sisteminde (SI) tanımlanmış birimleri realize eden ulusal ölçüm standartlarına izlenebilirliği belgeler.

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Ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri ve kalibrasyon metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

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Mühür
Date
04.05.2017

Kalibrasyonu Yapan
Calibrated by
Ayşegül BATMAZ

Laboratuvar Müdürü
Head of the Calibration Laboratory
Younes NEVAYESHİRAZI

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