



Confirmation of Product Type Approval

Company Name: BOYUT MAK. SAN. VE TIC. LTD. STI.

Address: DAVUTPASA CAD. GURUN SOK.BASOGLU SANAYI SITESI NO. 17MALTEPE MAH. 34010 Turkey

Product: Shovel Anchor

Model(s): ULTRAnchor UA05-UA360

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	22-2204894-PDA	19-JAN-2022	18-JAN-2027
Manufacturing Assessment (MA)	21-4980302	28-OCT-2021	27-OCT-2026
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

Intended Service

SHP Anchors for Restricted Service and to a Maximum Weight of 1500 kg

Description

Stainless Steel SHP Anchors for Restricted Service

Ratings

5 kg through 360 kg

Service Restrictions

Unit Certification is required if intended for use on ABS Classed vessels having Equipment Symbol Circle E class notation is requested, the anchor is to be reviewed specially on a case by case basis.

Restricted service as per 2022 ABS Rules for Materials and Welding 2-2-1/1.3.3.

If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments

1) NDE is to be carried out for fabrication welding before and after proof load application.

2) Location for NDE is to be as per 2022 ABS Rules for Materials and Welding 2-2-1/5.3.NDE is to be carried out in accordance with 2022 ABS Rules for Materials and Welding 2-2-1/7.3.5

- 3) Product tests are to be in accordance 2022 ABS Rules for Materials and Welding 2-2-1/7.3.
- 4) Proof Load testing is to be carried out to the anchor according to 2022 ABS Rules for Materials and Welding 2.2.1/7.1.3.
- 5) Materials: AISI 316
- 6) All material and welding are to be certified and tested in accordance with 2022 ABS Rules for Materials and Welding and to the Surveyor's satisfaction.
- 7) Tolerance are to be as per 2-2-1/5.1 of 2022 ABS Rules for Materials and Welding.
- 8) Each Anchor is to be proof tested with loads listed in the rating.

Notes, Drawings and Documentation

Drawing No: UA 360 CAL.02, 360 KG ULTRAnchor STRENGTH CAL.01, Revision: -, Pages: 1

Drawing No: UA 360 HS.02, 360 KG ULTRA ANCHOR STRENGTH CAL.L, Revision: -, Pages: 1

Document No: UA 360 03-06, 360 KG ULTRA STRENGTH CAL.02-05, Revision: -, Pages: 1-4

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 18/Jan/2027 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

ABS Rules

2022 ABS Rules for Conditions of Classification: 1-1-4/7.7, 1-1-A3, 1-1-A4

2022 ABS Rules for Materials and Welding: 2-2-1

2022 ABS Rules for Building and Classing Marine Vessel Rules: 3-5-1

International Standards

NA

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

NA



A handwritten signature in blue ink, appearing to read "Joseph W. White".

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 26-Jan-2022 3:50

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.