

# Approval Certificate for Quality Assurance System

[ Steel Forgings for Connecting Rods and Solid Crankshafts ]



**Initial Approval** 25th April, 2012  
**Manufacturer** Bharat Forge Limited. Mundhwa and Baramati Plants  
Mundhwa, Pune 411036, Maharashtra, India  
Baramati, Pune 413133, Maharashtra, India  
**Product Description** KR-QAS Type F



**Approval Condition** See "Appendix 1 & 2"

**THIS IS TO CERTIFY** that the Quality Assurance System of the above-mentioned company / works including production methods, inspection and testing, quality control and general standards of workmanship has been audited by this Society and that the System is found to be in compliance with the requirement of this Society's Rules and / or of the recognized standards as follows.

Ch. 5 of Guidance for Approval of Manufacturing Proces and Type Approval, Etc.

This Certificate is valid until 24th April, 2024

Issued at Busan, Korea on 16th September, 2021



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No.(ME21023766263) and certificate No.(MBI19651-QA001).



**KOREAN REGISTER**

*General Manager of  
Marine & Ocean Equipment Team*

- Note :**
1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
  2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
  3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
  4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as

## Product Description and/or Approval Condition

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Date of Issue : 16th September, 2021

- A. In addition to this approval, approval of manufacturing process for the following item is to be maintained in accordance with the requirements of this Society's Rules for Classification of Steel Ships;  
\* Carbon & low alloy steel forgings (Cert. No: MBI19651-SF001)
- B. This certificate is valid on condition that an annual surveillance audit for the Quality Assurance System is carried out and found to be satisfactory by this Society.
- C. Tests and inspections are to be carried out by the manufacturer in accordance with the requirements of this Society's Rules for Classification of Steel Ships or manufacturer's Quality Assurance Procedure approved by this Society.  
(Doc. No. :3T-02-WI-51).
- D. The Application for Product Certification is to be forwarded to KR Mumbai Branch Office through KR e-MESIS together with the manufacturer's test records and material certificates for Certification and endorsement thereon by the Surveyor.
- E. Each certified Product is to be marked KRQ + Product Certificate No. + Serial No. by the person in charge of Manufacturing Survey.
- F. The special steel KRQ stamp supplied by this Society is to be kept by the person in charge of the Manufacturing Survey.
- G. The Confirmation Survey is to be carried out by the Surveyor of KR Mumbai Branch Office at least once a year.
- H. In case where other organizations especially request witnessing of the test by the Surveyor or there is any problem with the quality of certified products, this Society may directly issue, with prior notice, the Product Certificate upon witnessing of the tests regardless of aforestated survey delegation.
- I. Major Customer Complaints or Claims, as agreed with this Society, to products certified under this Quality Assurance System shall be reported to this Society.
- J. The following documents are to be prepared by the manufacturer and made available at the request of the Surveyor and unscheduled visits with regard thereto shall be also permitted to the Surveyor of this Society ;  
1. Records for material test, Non-destructive test, Inspection reports and etc. as appropriately.  
2. Documents and data for Quality Control Activity. < End of certificate >

### Endorsement for Periodical Audit

Date of Issue : 16th September, 2021

Anniversary Date : 24th April

This is to certify that the Production Quality Assurance Scheme is in compliance with the relevant requirements to obtain / retain the Society's approval in accordance with Ch. 5 of Guidance for Approval of Manufacturing Proces and Type Approval, Etc. and is valid until 24th April, 2022.

■ **Periodical/Confirmation/Occasional Audit**

Periodical/Confirmation/Occasional Audit has been carried out and Annual Plant Audit is valid until

\_\_\_\_\_  
Branch(Office) : \_\_\_\_\_  
Date : \_\_\_\_\_  
Surveyor : \_\_\_\_\_

■ **Periodical/Confirmation/Occasional Audit**

Periodical/Confirmation/Occasional Audit has been carried out and Annual Plant Audit is valid until

\_\_\_\_\_  
Branch(Office) : \_\_\_\_\_  
Date : \_\_\_\_\_  
Surveyor : \_\_\_\_\_

■ **Periodical/Confirmation/Occasional Audit**

Periodical/Confirmation/Occasional Audit has been carried out and Annual Plant Audit is valid until

\_\_\_\_\_  
Branch(Office) : \_\_\_\_\_  
Date : \_\_\_\_\_  
Surveyor : \_\_\_\_\_

■ **Periodical/Confirmation/Occasional Audit**

Periodical Survey has been carried out and the product is valid until

\_\_\_\_\_  
Branch(Office) : \_\_\_\_\_  
Date : \_\_\_\_\_  
Surveyor : \_\_\_\_\_

*Note : The approval will be automatically suspended and the Certificate become invalid if not endorsed annually within 3 months after the anniversary date of this Certificate*