

Approval Certificate for Quality Assurance System

[Pumps]



Initial Approval 2 February 2009
Manufacturer KRAL GmbH
 Bildgasse 40, Industrie Nord, A-6890 Lustenau, Austria
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 the Guidance for Approval of Manufacturing Process and Type Approval, etc.

This Certificate is valid until 1 February 2024

Issued at Busan, Korea on 26 May 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.(ME23006014634) and certificate No.(MIL21457-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

Date of Issue : 26 May 2021

1. 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.
2. Tests and inspections of each pump 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. : 20081112)
3. The Application for Product Certification is to be forwarded to KR Milano Branch Office through e-MESIS together with the manufacturer's test records and material certificates for Certification and endorsement thereon by the Surveyor.
4. Each certified pump is to be marked with KRQ + MIL21457 + Serial No. by the person in charge of Manufacturing Survey.
5. The special steel KRQ stamp supplied by this Society is to be kept by the person in charge of Manufacturing Survey.
6. The Confirmation Survey is to be carried out by the Surveyor of KR Milano Branch Office at least once a year.
7. 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 aforesaid survey delegation.
8. Major Customer Complaints or Claims, as agreed with this Society, to products certified under this Quality Assurance System shall be reported to this Society.
9. 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 ;
 - Records for material test and/or Hyd. test for main components.
 - Inspection reports for performance test, overhaul inspection and etc. as appropriately.
 - Documents and data for Quality Control Activity.

< The End >

Endorsement for Periodical Audit

Date of Issue : 26 May 2021

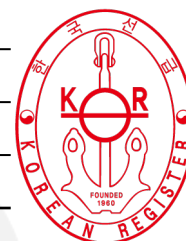
Anniversary Date : 1 February

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 the Guidance for Approval of Manufacturing Process and Type Approval, etc. and is valid until 1 February 2022.

■ Periodical/Confirmation/Occasional Audit

Periodical/Confirmation/Occasional Audit has been carried out and Annual Plant Audit is valid until 1 February 2023

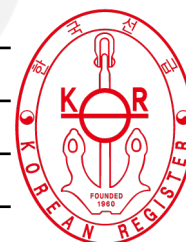
Branch(Office) : Milano Branch Office
Date : 2 February 2022
Surveyor : MOON Kyunghak



■ Periodical/Confirmation/Occasional Audit

Periodical/Confirmation/Occasional Audit has been carried out and Annual Plant Audit is valid until 1 February 2024

Branch(Office) : Milano Branch Office
Date : 15 February 2023
Surveyor : MOON Kyunghak



■ 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