Letter Date: 19 October 2021

Company Name: CREVIS
Address: 29-4 Gigok-Ro, Goheung-Gu, Yongin-Si, Gyeonggi-Do, Korea
Telephone: +82 31 899 4599
Email: cwseo@crevis.co.kr
Website: www.crevis.co.kr

Attention: Chi-Won Seo

This is in reference to your request of Manufacturing Assessment Audit on 19 October 2021. The review of your Quality Assurance System submittals and a Manufacturing Assessment audit of your facility have been satisfactorily completed.

We are therefore pleased to issue a Certificate of Manufacturing Assessment No.**21-4982068**, valid until **18 October 2026**. The product category of the products that have valid Certificate of Product Design Assessment (PDA) and PDA-Duplicates for will be shown as "**Type Approved**." An electronic copy of Confirmation of Product Type Approval will be downloadable from the ABS Type Approval Database.

A Confirmation of Product Type Approval represents that the product design meets the ABS Rules or Guides, statutory, industrial or manufacturer's standards described in the PDA and that the manufacturer has established a systematic quality monitoring system sufficient to show its capacity to consistently manufacture a product which meets the designated standards.

The MA Certificate will remain valid for five years, **subject to annual audits or surveillance audits and no changes to the scope and conditions of approval**. The audit window of MA audits is as follows:

- MA annual audits – 90 days before or after the anniversary date
- MA renewal audits – 90 days before or after the expiry date

When an audit is more than three months overdue, the MA will be automatically archived and product category will be reverted to "Design Assessed."

If a new MA Certificate is issued with the same expiry date due to product/company name/company address changes during the original MA Certificate's validity, the anniversary date of the original MA is to be used as reference.

Each MA Certificate is location specific and non-transferrable.

Your company is eligible to use the ABS "Type Approved Product" logo for marketing purpose. The art work may be obtained by contacting ABS Programs at absta-programs@eagle.org.

Please recognize that **Product Type Approval will not waive Unit Certification** or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. Such

requirements can be found in the "Service Restriction" section in each PDA Certificate. Should ABS Unit Certification is required, please contact the responsible ABS Survey Office to witness any required surveys and tests.

We also remind you of the implementation of SOLAS Regulation II-1/3-5 and MSC.1/Circ.1379 which summarize as "From 1 January 2011, for all ships, new installation of materials which contain asbestos shall be prohibited. In the context of this regulation, new installation of materials containing asbestos means any new physical installation on board. Any material purchased prior to 1 January 2011 being kept in the ship's store or in the shipyard for a ship under construction, should not be permitted to be installed after 1 January 2011 as a working part." We advise you that any shipments you make also contain a **Declaration of Absence of Asbestos**.

If at any time you wish to change the information published in the ABS Type Approval Database, please email ABS Programs at absta-programs@eagle.org

The Manufacturer shall notify ABS in writing of any product non-conformity resulting in the issuance of a Safety/Service Alert and Bulletin, including root causes and impact to the industry or vessels.

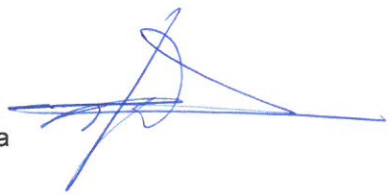
Unless the change is submitted to ABS for a new evaluation and audit, any of the following events will cause immediate suspension of the Certificate of PDA and/or MA.

a) Redesign of the product or products covered by a Certificate of PDA or PDA-DUP;
b) Change in production methods;
c) Change in management organization or Quality Assurance System;
d) Change in frequency or curriculum for personnel training;
e) Refusing access to ABS personnel for periodic or annual audits;
f) Failure to correct a non-compliance and deficiencies during an audit or in service;
g) Failure to inform ABS of the latest Safety/Service Alert and/or Bulletin and prove the corrective measures are taken;
h) Where willful misrepresentations or omissions are ascertained;
i) Failure to pay ABS fees.

We look forward to working with you and encourage you to contact the undersigned for any questions of the ABS Type Approval Program.

Sincerely Yours,

Surveyor: Jae-Sun Park
Port Office: Seoul, Korea



AMERICAN BUREAU OF SHIPPING
Manufacturing Assessment Audits, Check Sheet A

Report Number 4982068 **Port Office** Seoul, Korea **Last Visit Date** 19 October 2021

Section 1 – Client Details

1.1 General Company Information						
Company Name	CREVIS					
Company Address (Physical Audit Location)	29-4, GIGOK-RO GIHEUNG-GU, YONGIN-SI, GYEONGGI-DO, KOREA					
WCN of Physical Address Audited	425297		WCN to be Invoiced	425297		
Notes: If the details of the company name or address have changed, WCN Request Form is to be filled out and sent to Wcnrequests@eagle.org						
1.2 Contact Details						
For ABS Audits Notification/QA/QC	Name	Chi-won Seo	Email	cwseo@crevis.co.kr	Telephone	+82-31-899-4599
For Client's Marketing Purpose (Will be Displayed on the ABS Website)	Telephone	+82-31-899-4599			Fax	+82-31-899-4509
	Email	cwseo@crevis.co.kr			Website	www.crevis.co.kr

1.3 Preparation of Audits			
1.3.1	The plant must have ABS design review letter or relevant ABS approval documents, as necessary, either in hard copy or electronic version, and access to the ABS Rules used in evaluation of the products.	Yes ☒	No ☐
	Note: None		
1.3.2	If required, a copy of, or online access to listed standards is available and remain valid.	Yes ☒	No ☐
	Note: None		
1.3.3	The client and surveyor must review the latest product listings on the ABS Type Approval Website for accuracy and confirm that no additions or deletions are necessary.	Yes ☒	No ☐
	Note: If changes are needed, complete *Request for PDA Correction* CEO-ATT-00840 and submit to absta-programs@eagle.org		
1.3.4	All of the client's PDA Certificates and/or PDA-Duplicates are current and valid.	Yes ☒	No ☐
	Note: None		
1.3.5	Regarding hazardous materials: Resolution MEPC 269(68) 2015 Guidelines for the Development of the Inventory of Hazardous Materials defines the requirements for "Supplier's Declaration of Conformity" and "Material Declaration". Is the client providing a "Material Declaration" which conforms to section 6.2 and "Supplier's Declaration of Conformity" which conforms to section 7.2?	Yes ☐	No ☒

AMERICAN BUREAU OF SHIPPING

Manufacturing Assessment Audits, Check Sheet A

Section 2 – ABS Type Approval Audits

2.1 Type of Audits				
MA				
Initial ☒	Annual Audit	#1 ☐, #2 ☐, #3 ☐, #4 ☐	Renewal ☐	Unscheduled ☐
Note: If a new MA Certificate is to be issued, the Certificate number should follow the format: YY-XXXXXXX				
PQA				
Initial ☐	Semi-Annual Audit	#1 ☐, #2 ☐, #3 ☐, #4 ☐, #5 ☐	Renewal ☐	Unscheduled ☐
EU Mutual Recognition				
Initial ☐	Annual Audit	#1 ☐, #2 ☐, #3 ☐, #4 ☐	Renewal ☐	Unscheduled ☐
Notes: 1. This Check Sheet A and Check Sheet B CLS-CKS-00009 are required audit documents for all Initial, Annual and Renewal Audits. 2. If this is a Semi-Annual Audit for PQA, Check Sheet B is not required if there were no observations nor non-conformance found. PQA will be canceled if semi-annual or annual is 30 days overdue.				

Section 3 – ISO and Management Review Audit Details

The review of internal and external audit records is mandatory for all types of assessments.

3.1	The plant has FULL & VALID current ISO9001 or equivalent Certification.			Yes ☒	No ☐
	Quality System Accrediting Body	Institute of Global Certification (IGC)			
	Certificate Number	20-A-2941 Rev.0	Expiry Date	13 February 2022	
3.2	Management Review Committee records were reviewed. The plant's corrective action logs were reviewed and quality controls appear to be in place.			Yes ☒	No ☐
	☐ Check box if there are any pending items in the report. Comments: None				
3.3	Were observations found in the last Quality System audit?			Yes ☒	No ☐
3.4	Were non-conformances found in the last Quality System audit?			Yes ☐	No ☒
	If yes, were all NCRs closed and Corrective Action verified as effective?			Yes ☐	No ☐
3.5	Have all non-ABS audit findings have been addressed?		N/A ☐	Yes ☒	No ☐

Section 4 – Audit Summary

4.1	Has the client been advised of all OBSERVATIONS and NON-CONFORMANCES and been given the opportunity to comment on the findings?	Yes ☐	No ☐	N/A ☒
	Note: Check Sheet C is to be used to report findings and actions to be taken.			
4.2	Was all found SATISFACTORY and the product considered eligible for continued or initial listing in the Type Approval database?	Yes ☒	No ☐	N/A ☐
4.3	If there are additional PDAs with new products types added to the portfolio or PDAs to be removed, has the MA Certificate been revised to reflect the change?	Yes ☐	No ☐	N/A ☒

The undersigned recommends that the attached summary of the manufacturer's products from the ABS Product Type Approval Website, may continue to be listed as Product Type Approved. There are one (1) additional sheets to the report.

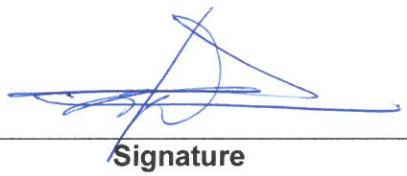
AMERICAN BUREAU OF SHIPPING

Manufacturing Assessment Audits, Check Sheet A

Section 5 – PQA Enrollment and Continuation

5.1	For all Initial, Semi-Annual, Annual and Renewal PQA Audits, has *Request to Enroll or Continue Enrollment in the PQA Program* CLS-REF-00048 been completed and attached?	Yes ☐	No ☐	N/A ☒
	Notes: None			

Section 6 – Signature

Jae-Sun Park		19 October 2021
Print	**Signature**	**Date**

Search Result

Company/ City	Product	Product Category	Model	ABS Approval Tier	Certificate Number	Status	Expiry Date
CREVIS Client #: 425297 YONGIN	Input/Output Module	~~Design Assessed~~ Type Approved	FnIO M-Series	2	21-2173855-PDA	Active	06-OCT-2026
CREVIS Client #: 425297 YONGIN	Automation & Monitoring System Parts	~~Design Assessed~~ Type Approved	M9289, M9386, M7001, M12DF, M225F, M226F, M2618, M2628	2	19-BK1906156-PDA	Active	26-SEP-2024

CREVIS CO., LTD

2021. 10. 19

To be changed as marked above

ABS

J.S. PARK

19 OCT 2021

AMERICAN BUREAU OF SHIPPING

Check Sheet on Manufacturing Process

Company Name CREVIS **Report No.** 4982068 **Last Visit Date** 19 OCT 2021

Scope

Conducting a Manufacturing Assessment Audit for Verification of Quality Control and Quality Assurance. "Guidance Notes for Type Approval Audits" CLS-REF-00043 is to be referred to in conducting the audit.

Audit Preparation

	YES	NO	N/A
1. Verify the Manufacturer is an agent or subsidiary of an ISO 9001 Certified manufacturer.	☐	☒	☐
2. The Manufacturer has necessary equipment and facilities for the activities carried out.	☒	☐	☐
3. Supervision and verification in operations is adequate to ensure compliance with the approved operating procedures.	☒	☐	☐
4. Review of work progress procedures, complaints, corrective actions and control of the issuance and maintenance of documents is carried out periodically.	☒	☐	☐
5. Operational position descriptions shall identify the position and include a description of the duties associated with the position, required skills, education and experience, and supervision exercised and received.	☒	☐	☐
6. The quality manual or related documentation shall contain a brief biographical sketch, noting the education, work experience, licensure, certifications, and current position of supervisory technical staff involved in products manufactured included in the scope of accreditation.	☒	☐	☐
7. The Manufacturer has a procedure to identify contractual requirements for product requests and incorporate into final product(s) delivered to the client.	☒	☐	☐
8. Does the manufacturer verify if ABS "Unit Certification" is required and make those responsible for inspection aware of the ABS requirements?	☒	☐	☐
9. Does the facility hold any other accreditations from another IACS society or government agency? List in Remarks	☒	☐	☐
A. Have any of these approvals/accreditations been withdrawn? If Yes, explain in remarks.	☐	☐	☒

Training of Personnel

	YES	NO	N/A
10. A training procedure shall indicate what position(s) or employee(s) is responsible for the company's training program and maintenance of training records, shall describe the distribution of records to management and shall identify the location of resulting records.	☒	☐	☐

11. A training procedure shall describe the method(s) used to evaluate staff competency to ensure that each test covered by the scope of products manufactured is performed in accordance with standard procedures. This description shall include the frequency of evaluations for each technician and indicate what position(s) or employee(s) is responsible for evaluating staff competency and maintaining records, shall describe the distribution of records to management and shall identify the location of resulting records. The procedure shall ensure that each technician performing each test method is evaluated.	☒	☐	☐
12. Training records shall include a form for recording training and competency evaluation activities including the name of the trainee, name of the evaluator, test method evaluated, the dates, and results.	☒	☐	☐

Document and Data Control

	YES	NO	N/A
13. The Manufacturer's report is prepared in a format acceptable to ABS.	☒	☐	☐
14. The Manufacturer shall establish and maintain documented procedures to control all documents and data that affect the quality of the product and that relate to the requirements of this process including, to the extent applicable, documents of external origin such as standards and customer drawings.	☒	☐	☐
15. There are documentary evidence of operations essential to the effective functioning of the quality system.	☒	☐	☐
16. A document control procedure identifying the current revision status of documents shall be established and be readily available to preclude the use of invalid and/or obsolete documents.	☒	☐	☐
17. The designated functions and organizations shall have access to pertinent background information upon which to base their review and approval.	☒	☐	☐
18. Unless specifically designated otherwise, changes to documents and data shall be reviewed and approved by the same functions and organizations that performed the original review and approval.	☒	☐	☐
19. Invalid and/or obsolete documents are promptly removed from the manufacturing process to prevent unintended use.	☒	☐	☐
20. Design and Development of Products and Services: Is there a written requirement for submitting drawing revisions to ABS for approval?	☒	☐	☐

Corrective Action

	YES	NO	N/A
21. The Manufacturer shall establish and maintain documented procedures for implementing corrective action.	☒	☐	☐
22. Corrective action taken to eliminate the causes of actual or potential nonconformities is appropriate to the magnitude of problems and commensurate with the risks encountered.	☒	☐	☐
23. The Manufacturer shall implement and record changes to the documented procedures that result from corrective and preventive action.	☒	☐	☐
24. Processes for receiving client feedback and introducing corrective actions when considered necessary are effective.	☒	☐	☐

25. Customer's feedback on non-conforming products and services are recorded in the company's system and the corrective actions are tracked in a timely manner.	☒	☐	☐
26. Management investigates the cause of nonconformities relating to product, process and quality system, and record the results of the investigation.	☒	☐	☐
27. There is an application of controls to ensure that corrective action is taken and that it is effective.	☒	☐	☐
28. Information on processes and work operations which affect product quality, concessions, audit results, quality records, manufacturing reports and customer complaints to detect, analyzed to eliminate potential causes of nonconformities is available for review.	☒	☐	☐
29. The management determines the steps needed to deal with any problems requiring preventive action.	☒	☐	☐
30. There is an initiation of preventive action and application of controls to ensure that it is effective.	☒	☐	☐
31. The management ensure that relevant information on corrective action taken is submitted for management review.	☒	☐	☐

Control of Quality Records

	YES	NO	N/A
32. The Manufacturer shall establish and maintain documented procedures for identification, collection, indexing, access, filing, storage, maintenance and disposition of quality records.	☒	☐	☐
33. Quality records shall be maintained to demonstrate conformance to specified requirements and the effective operation of the quality system. Pertinent quality records from the subcontractor shall be an element of these data.	☒	☐	☐
34. All quality records shall be legible and shall be stored and retained in such a way that they are readily retrievable in facilities that provide a suitable environment to prevent damage or deterioration and to prevent loss.	☒	☐	☐
35. Test and inspection records are maintained for a defined period. (The retention period should allow for recall in case of defects in service. If the retention period is not considered adequate, an observation is in order. If a retention period is not defined, a non-conformance may be in order.)	☒	☐	☐
36. The Manufacturer shall have a procedure that describes methods used to prepare, check and amend reports for the products manufactured. The procedure shall identify the individual(s) responsible for maintaining reports, shall describe the distribution of reports, and shall identify the location of stored reports.	☒	☐	☐
37. Is there a procedure in place to notify ABS in writing when Product /Safety Alerts and/or Bulletins are issued as a result of product non-conformity?	☒	☐	☐
38. Is there a procedure in place to advise ABS when drawings previously approved by ABS are revised?	☒	☐	☐

Internal Quality Audit

	YES	NO	N/A
39. Documented procedures have been established for planning and implementing internal quality audits.	☒	☐	☐

40. Internal quality audits verify whether the quality activities and related results comply with planned arrangements, including consideration of ABS requirements, and they show the effectiveness of the quality system.	☒	☐	☐
41. Internal quality audits are scheduled based on status and importance of the activity to be audited.	☒	☐	☐
42. Personnel, independent of those having direct responsibility for the activity being audited, are assigned to carry out internal quality audits.	☒	☐	☐
43. The audit records are recorded and brought to the attention of the personnel having responsibility in the area audited.	☒	☐	☐
44. Timely corrective actions have been taken for the deficiencies found during the audit.	☒	☐	☐
45. There are follow up audit activities record the implementation and effectiveness of the corrective action taken.	☒	☐	☐
46. The results of internal audits form an integral part of management review activities.	☒	☐	☐

Process Control

	YES	NO	N/A
47. There are documented procedures defining production, installation, and servicing.	☒	☐	☐
48. Inspection and assembly records are maintained appropriately.	☒	☐	☐
49. Specifications referred in the quality manuals are available for reference.	☒	☐	☐
50. Work instructions on each operation are available.	☒	☐	☐
51. Are travelers or serial numbers assigned to each unit for traceability?	☒	☐	☐
52. The national and international requirements for required tests and inspection are verified on a routine basis.	☒	☐	☐
53. ABS Rule requirements for required tests and inspections are verified on a routine basis.	☒	☐	☐
A. Materials are sourced through ABS Approved Material Manufacturers as applicable and verified on a routine basis.	☐	☐	☒
54. The company has a procedure that describes processes of how to handle non-conforming products and services.	☒	☐	☐
55. Are procedures available for inspection and non-destructive testing of weldments in critical connections?	☐	☐	☒
56. Is an adequate procedure provided for qualifying welders, control of electrodes and welding procedures and is a check conducted to ensure that approved welding procedures are followed?	☐	☐	☒
57. Is there a procedure in place to notify ABS in writing when Service/Safety Alerts and/or	☒	☐	☐

Bulletins are issued as a result of product non-conformity?

Test Equipment

	YES	NO	N/A
58. The Manufacturer identifies all inspection, measuring and test equipment that can affect product quality, and calibrate and adjust them at prescribed intervals, or prior to use, against certified equipment having a known valid relationship to internationally or nationally recognized standards. (Where no such standards exist, the basis used for calibration shall be documented.)	☒	☐	☐
59. The Manufacturer identifies inspection, measuring and test equipment with a suitable indicator or approved identification record to show the calibration status.	☒	☐	☐
60. The Manufacturer maintains calibration records for inspection, measuring and test equipment and documents the previous inspection and test results when inspection, measuring or test equipment is found to be out of calibration.	☒	☐	☐
61. The working environment is safe and suitable for the production, installation and manufacturing activities being carried out.	☒	☐	☐
62. The Manufacturer ensures that the handling, preservation and storage of inspection, measuring and test equipment is in accordance with manufacturer's guidelines.	☒	☐	☐

REMARKS:

This facility hold other accreditations from other class society, DNV, LR, BV,CCS and KR.

Signature

Jae-Sun Park		19 October 2021
Print	**Signature**	**Date**

08 October 2021

CREVIS
29-4, GIGOK-RO, GIHEUNG-GU, YONGIN, KOREA, REPUBLIC OF

Attention: Mr. C.W. Seo,

This is in reply to your message on 08 October 2021 regarding **Certificate of Manufacturing Assessment** (MA). Manufacturing Assessment consists of:

- Management Assessment – Evaluate the quality assurance and quality control system of the manufacturing facilities in order to verify your capability to meet your specified level of product quality consistently and satisfy the requirements of the Rules.

- Production Assessment – Evaluate the product specific manufacturing process in order to verify that manufacture and inspection of the products are established to provide your specified level of quality control and satisfy the requirements of the Rules.

Please have the following documents submitted to the undersigned for review prior to or during audit. If this is an Annual / Semi-Annual / Renewal Audit, only the documents that have been changed since the last audit need to be submitted.

a) Valid ISO 9001 Certification. Equivalency from a recognized certification body will be determined on a case by case basis
b) Business registration license
c) Recent internal audits, management review and external audit reports
d) Updated non-conformance log, check list and reports
e) Records of customer claims and corrective actions
f) Copies of valid Product Design Assessment (PDA) or PDA-Duplicate Certificates
g) Supplier's Declaration of Conformity as per Section 7 of Resolution MEPC 269(68) 2015 Guidelines for the Development of the Inventory of Hazardous Materials
h) Outline of the company's organization and management structure
i) Manufacturing process flow chart
j) A Quality Manual and/or documented procedures covering minimum requirements as follows:
    i. Code of Conduct
    ii. Maintenance and calibration of equipment
    iii. Training programs for operators, technicians and inspectors
    iv. Supervision and verification of compliance with the approved operational procedures
    v. Recording and reporting of information
    vi. Quality management of subsidiaries, agents and subcontractors
    vii. Job preparation and safety instructions
    viii. Periodic review of work process procedures, complaints, and corrective actions
    ix. Maintenance and control of documents

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Tel: 1-281-877-6000 | Email: absta-programs@eagle.org | www.eagle.org

k) Track records of current production
l) List of operators, technicians, and inspectors' training, experience and qualification
m) Contract between manufacturer and any subcontractors, as applicable
n) Evidence of approval or acceptance by other bodies
o) Activities that may present a conflict of interest
p) For PSPC coating manufacturers, IR analysis and Declaration of Conformity

ABS will issue a Certificate of MA upon satisfactory completion of the document review and audit. The Certificate will state the covered products and will be valid for five (5) years, subject to annual audits. The company with both a valid PDA/PDA-DUP Certificate and a MA Certificate is eligible for Confirmation of Product Type Approval and it is downloadable from the ABS Type Approval Database.

The window of MA and Product Quality Assurance (PQA) audits:

- MA annual/renewal audits – 90 days prior to or after the anniversary date
- PQA semi-annual/annual/renewal audits – 30 days prior to or after the anniversary date

Secondary manufacturers who have PDA-DUP Certificates must hold a valid MA Certificate and obtain the certificate within 90 days of PDA-DUP issuance.

Type Approval status does not waive Rule-required witness testing. If your products are eligible for Tier 4 as allowed by Part 4 of ABS *Steel Vessel Rules*, you may be eligible for Certificate of PQA with Surveyor's recommendation. PQA Certificate allows manufacturers to conduct Rule-required surveys and tests without ABS Surveyor attendance.

Unless the change is submitted to ABS for a new evaluation and audit, any of the following events will cause immediate suspension of the Certificate of PDA and MA.

a) Redesign of the product or products covered by a Certificate of PDA or PDA-DUP;
b) Change in production methods;
c) Change in management organization or Quality Assurance System;
d) Refusing access to ABS personnel for periodic or annual audits;
e) Failure to correct a non-compliance and deficiencies during an audit or in service;
f) Failure to inform ABS of the latest Safety/Service Alert and/or Bulletin and failure to take corrective measures;
g) Where willful misrepresentations or omissions are ascertained;
h) Failure to pay ABS fees.

I trust this information is helpful and I look forward to working with you in the approval of your company.

Sincerely yours,

In-Yong Kim
Senior Surveyor, ABS Seoul Office

American Bureau of Shipping, 1701 City Plaza Drive, Spring, TX 77389 USA
Tel: 1-281-877-6000 | Email: absta-programs@eagle.org | www.eagle.org

서치원nbsp;

(&N)
보낸 사람: "ABS Corporate Communications" <corporatecommunications@eagle.org>
날짜: 2021년 10월 18일 월요일 오전 8:31
받는 사람: "Chi Won Seo" <cwseo@crevis.co.kr>
제목: Type Approval Audit Request Confirmation from ABS

Dear Chi Won Seo,

Thank you for your request for an ABS Type Approval Audit. Below are the details of your request. Click here to view this message in a browser window.

Our team will evaluate your request within 24 hours and respond back with detailed instructions. If you have additional questions, please contact us at absta-programs@eagle.org or absta-houston@eagle.org, visit our Type Approval website, or contact your local ABS office.

Regards,

ABS Type Approval Team

Submission Date:	2021-10-17 18:31:53
Your ABS Port Office Contact:	Korea - Seoul
Your Email:	cwseo@crevis.co.kr
Job Title:	Assistant Research Engineer
Company:	CREVIS CO., LTD.
Phone:	+82-31-899-5499
Company Address:	29-4, Gigok-ro, Giheung-gu
City:	Yongin-si
Country/Region:	Korea, Republic of
State/Province:	Gyeonggi-do
Zip/Postal Code:	17099
Same as Billing Address?	Yes

Billing Address:	Same as above
Comments:	No comments
Request Details	
ISO 9001 Certificate (or Recognized Equivalent):	05 November 2019 QEC 47380569/57/Q Rev:001 2/13/2022
Valid PDA or Duplicate PDA Number(s):	21-2173855-PDA
Covered Product(s):	FnIO M-Series
WCN:	-
MA Audit:	No **Annual Audit:** No **Existing MA Certificate No.:** No
PQA Audit:	No **Semi-Annual Audit:** No **Annual Audit:** No **Existing PQA Certificate No.:** No
EU MR Audit:	**No** **Annual Audit:** No **Existing EU MR Certificate No.:** No
Other Reasons:	-
Other Details:	-
Audit Contacts	
Primary Contact:	Chi won, Seo
Primary Contact Email:	cwseo@crevis.co.kr

Secondary Contact:	Byung Hyun, Lim
Secondary Contact Email:	bhlim@crevis.co.kr
MARKETING DISPLAY IN DATABASE	-
ABS Database Contact Person:	Chi Won SEO
ABS Database Email:	cwseo@crevis.co.kr
Company Website:	www.crevis.co.kr
Telephone:	+82-31-899-4599
Mobile Phone:	010-7630-1036
Fax:	+82-31-4509

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Our address is 1701 City Plaza Dr., Spring, Texas 77389, USA

If you do not wish to receive future email, click here.
(You can also send your request to **Customer Care** at the street address above.)

Type Approval Audits Request Form

Please complete and send the completed form to the nearest ABS Survey Office

ABS Manufacturer Assessment (MA) Eligibility: Have a quality management system certified to the latest ISO9001 Certification or equivalent and who owns active Product Design Assessments (PDA) or Duplicate PDAs.

The validity of both PDA/PDA-DUP and MA entitles the product to receive a **Confirmation of Type Approval**.

ABS Product Quality Assurance (PQA) Eligibility: Active MA, have surveyor's recommendation of enrollment, as allowed by ABS Rules

European Union Mutual Recognition (EU MR) Type Approval Certificate Eligibility: Have a quality management system certified to the latest ISO9001 Certification or equivalent and who has successfully gone through EU MR Design Evaluation, products are eligible under *Agreed Technical Requirements for Mutual Recognition*.

I. Company Details

Company Name	CREVIS CO., LTD
Company Address (Physical location for audit)	29-4, Gigok-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Korea(17099)
Worldwide Client Number	
ABS Survey Office	

II. Contact Details for display on the ABS Website

Below details will be shown in the ABS Type Approval database available for public search

Telephone	010-7630-1036	Fax	031-899-4599
Email	cwseo@crevis.cokr	Website	www.crevis.co.kr

III. Contact Details for ABS Audits/Quality Management

Certificate renewal reminders will be sent to the below email addresses

Contact Person 1	Chi Won, SEO	Email	cwseo@crevis.co.kr
Contact Person 2	Byung Hyun, LIM	Email	bhlim@crevis.co.kr

IV. ISO 9001 Certificate (or Recognized Equivalent)

Issuing Body	05 November 2019
Certificate Number	QEC 47380569/57/Q Rev:001
Effective/Expiry Date	13 February 2022

V. Valid PDA/PDA-DUPs

Certificate Number(s)	21-2173855-PDA
Covered Product(s)	Input/Output Module

VI. Type of Requests

MA

Initial ☐	Annual Audit 1st ☐ 2nd ☐ 3rd ☐ 4th ☐	Renewal ☐
Existing MA Certificate No. (if applicable):		

PQA

Initial ☐	Semi-Annual Audit 1st ☐ 2nd ☐ 3rd ☐ 4th ☐ 5th ☐
Renewal ☐	Annual Audit 1st ☐ 2nd ☐ 3rd ☐ 4th ☐
Existing PQA Certificate (if applicable):	

EU MR Type Approval

Initial ☒	Annual Audit 1st ☒ 2nd ☐ 3rd ☐ 4th ☐	Renewal ☐
Existing EU MR Type Approval Certificate No. (if applicable):		

Other Reasons

Example: change of company name, address, products, etc.

Please explain:

VII. Acknowledgement

I warrant that I have the authority to present the product for ABS Type Approval and the authority to use and distribute all information and data supplied in support of this application for ABS Type Approval. Furthermore, I agree that any Audits performed subsequent to this request shall be performed in accordance with and subject to the provisions contained in Part 1, ABS Rules For Conditions of Classification in effect as of the date of this request.

ABS is to be notified in writing of any product nonconformity resulting in the issuance of a Safety/Service Alert and/or Bulletin. Such an Alert and/or Bulletin, together with detailed information on the non-conformity (including root causes and the impact to the industry or vessel(s)) are to be made readily available to ABS. If an Alert/Bulletin is issued, an audit inquiry (and audit finding if necessary) is to be made to document what corrective measures were implemented. These include actions to quality process discrepancies that may have been a root cause to the incident. Any process change and root cause analysis are to be made readily available to ABS upon request. Notifications are to be sent to absta-programs@eagle.org.

Print Name 서 지 원 **Date** 21. 10. 8