



Certificate Number 22-5011809-A  
Effective Date 30-Nov-2022  
Expiry Date 29-Nov-2025  
ABS Port Office Houston  
Company's Website www.stress.com

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## CERTIFICATE OF Recognized Service Supplier

This is to certify that

### **STRESS ENGINEERING SERVICES, INC.**

located at

13800 WESTFAIR EAST DRIVE, HOUSTON, TX 77041

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

### **Condition Monitoring**

Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, employees, equipment and models on the authorization list and any changes made.

Jung-Deog Oh, Surveyor



## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 22-5011809-A

### **Scope of Approval, Limitations or Restrictions**

- Fatigue Monitoring of Drilling Risers utilizing a Real-Time Fatigue Monitoring System (RFMS) or Subsea Vibration Data Logger (SVDL) supports the Riser Condition-Based maintenance (CBM) Program.
- The Riser CBM Program is handled by the Stress Engineering Services, Inc (SES) and engaged a LaserStream LP (LS) for the inspection.

### **Authorized Personnel**

Brandon McGinn, Johnny Goss, Alejandro Galvan, Rey Ramirez, Luis Gil

### **Quality Manager**

Amanda Stuckenberg

### **Authorization(s) from Equipment Manufacturers and Flag Administrations\***

N/A

### **Subcontractor and Scope of Subcontracting Work**

N/A

NOTE: This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.



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