

# TEST REPORT

No. : SUIN2008006064MR

Date : Aug 18, 2020

Page: 1 of 6



CUSTOMER NAME: NVENT ERICO

ADDRESS: 21F,NO.1009 YI SHAN ROAD, XU HUI DISTRICT,SHANGHAI

Sample Name : ERIFLEX FLEXIBAR ADVANCED

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : SHIN2008050072PS

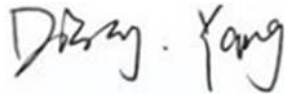
Date of Receipt : Aug 12, 2020

Testing Start Date : Aug 12, 2020

Testing End Date : Aug 17, 2020

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd. Suzhou Branch



Dissy Yang

Authorized signatory



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## Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vibration Test	ISO 6469-1: 2019 Section 6.2.2.1	See result	/

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.



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Test Item: Vibration Test

Sample Description: ERIFLEX FLEXIBAR ADVANCED

Test Method: ISO 6469-1: 2019 Section 6.2.2.1

Test Condition:

Test Direction: Z, X, Y axis

Test Duration: 12 hour/axis, Total 36 hours

Z axis		X axis		Y axis	
Frequency (Hz)	Spectral Density ( $(\text{m/s}^2)^2/\text{Hz}$ )	Frequency (Hz)	Spectral Density ( $(\text{m/s}^2)^2/\text{Hz}$ )	Frequency (Hz)	Spectral Density ( $(\text{m/s}^2)^2/\text{Hz}$ )
5	0.0481	5	0.0289	5	0.1925
10	0.5774	20	0.2887	15	0.2887
15	0.3849	200	0.0006	50	0.0289
200	0.0004			200	0.0004
RMS: 2.64 $\text{m/s}^2$		RMS: 2.34 $\text{m/s}^2$		RMS: 2.51 $\text{m/s}^2$	

Note: The test was performed in the following sequence of the three spatial directions: starting with Z, followed by X and finally Y.

Lab Environment Condition: 10°C~30°C, 25%RH~75%RH.

Test Result:

Test Item	Result
Vibration Test	No visible mechanical damage to conductor and insulation



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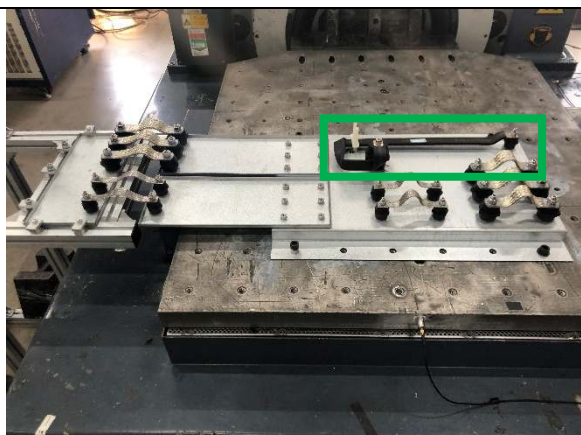
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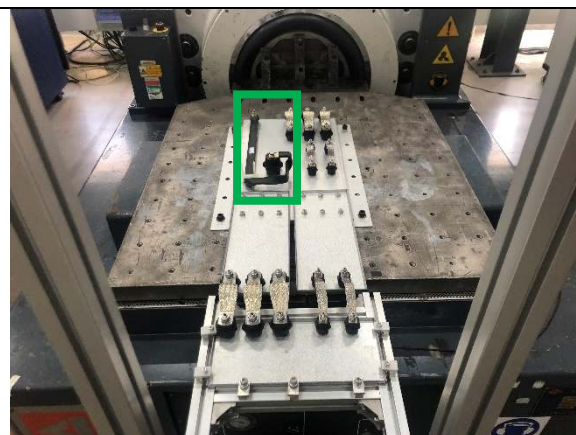
Test Photo:



During test ( Z axis )



During test ( X axis )



During test ( Y axis )



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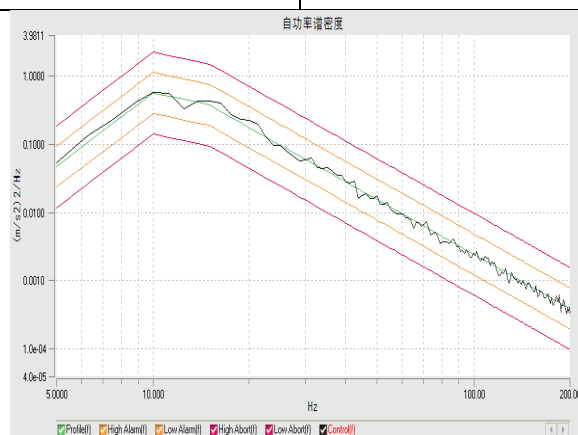
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Before test

After test



Spectrum (Z axis)



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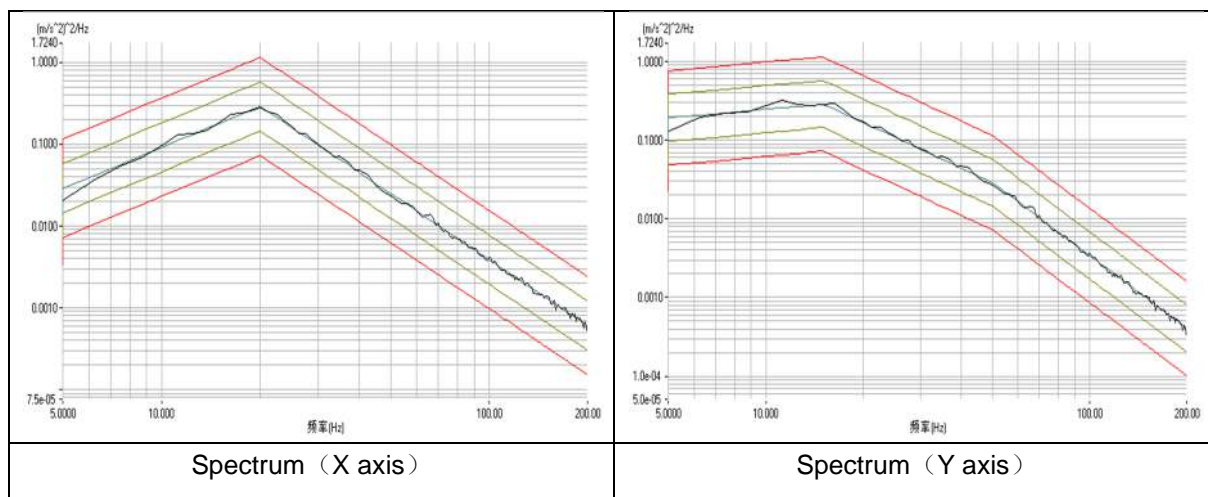
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### Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Vibrator	ES-50LS3-445-LT1010	SUZMR-001	2020-03-13	2021-03-12
Vibrator	MPA406/LS337A	SUZMR-218	2019-08-22	2020-08-21

- The test report was published by SGS-CSTC Suzhou Branch.
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\*\*\*\*\* End of report\*\*\*\*\*



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