

## TEST REPORT

No. : SUIN2008005888MR

Date : Aug 18, 2020

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scan to see the report



SUIN2008005888MR

CUSTOMER NAME: NVENT ERICO  
ADDRESS: 21F, NO.1009 YI SHAN ROAD, XU HUI DISTRICT, SHANGHAI

Sample Name : ERIFLEX CPI & MBJ

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. : SHIN2007046074PS  
Date of Receipt : Aug 07, 2020  
Testing Start Date : Aug 07, 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



SGS-CSTC Standards Technical Services Co., Ltd.  
Suzhou Branch Inspection & Testing Services

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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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 Suzhou Branch

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Test Item: Vibration Test

Sample Description: ERIFLEX CPI & MBJ

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 ( (m/s <sup>2</sup> ) <sup>2</sup> /Hz)	Frequency (Hz)	Spectral Density ( (m/s <sup>2</sup> ) <sup>2</sup> /Hz)	Frequency (Hz)	Spectral Density ( (m/s <sup>2</sup> ) <sup>2</sup> /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 m/s <sup>2</sup>		RMS: 2.34 m/s <sup>2</sup>		RMS: 2.51 m/s <sup>2</sup>	

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 (no broken strands)



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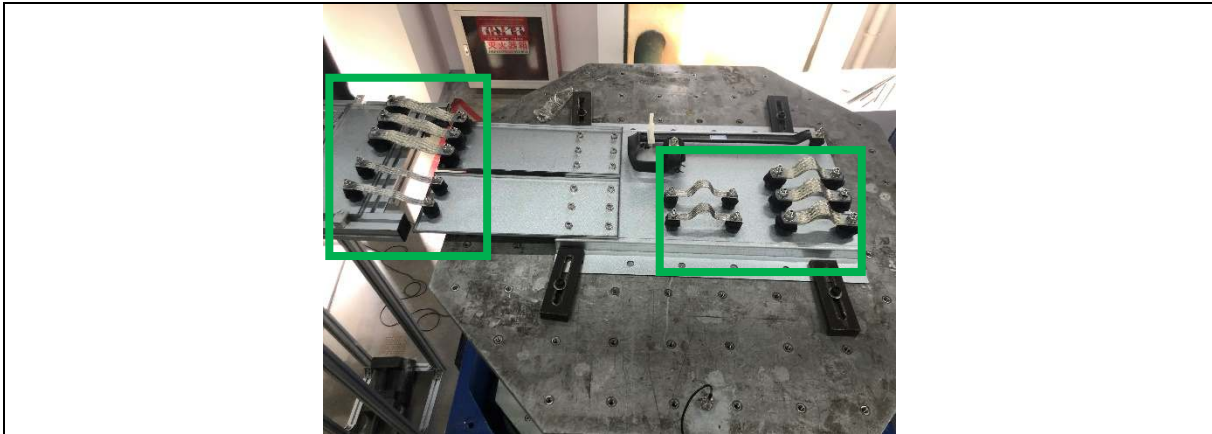
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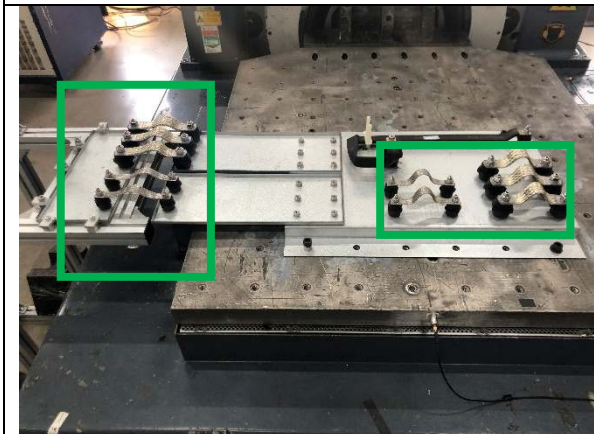
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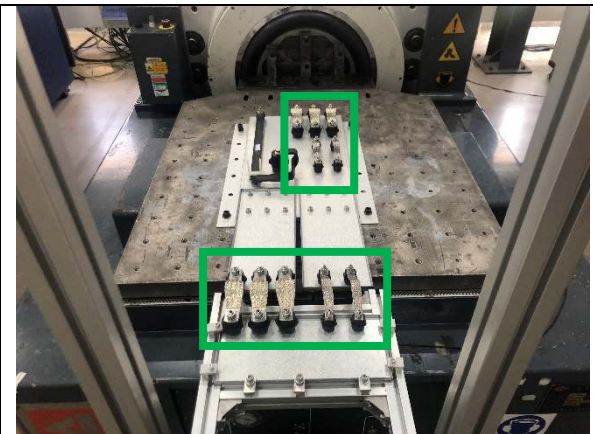
Test Photo:



During test (Z axis)



During test (X axis)



During test (Y axis)



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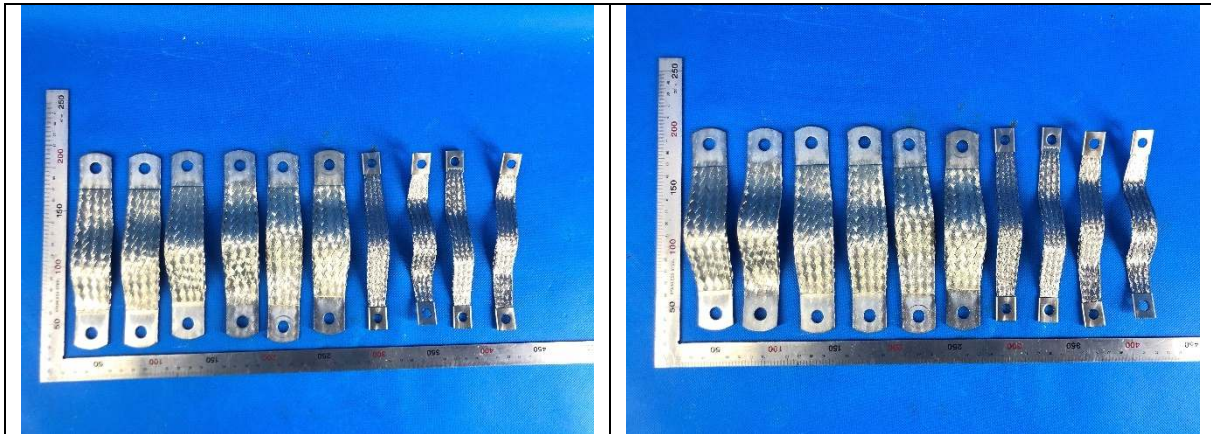
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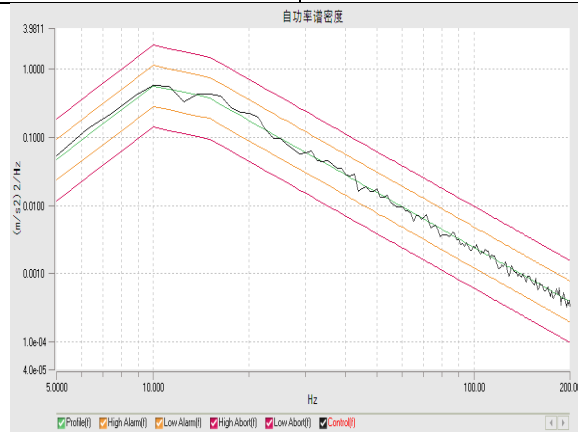
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Before test

After test



Spectrum (Z axis)



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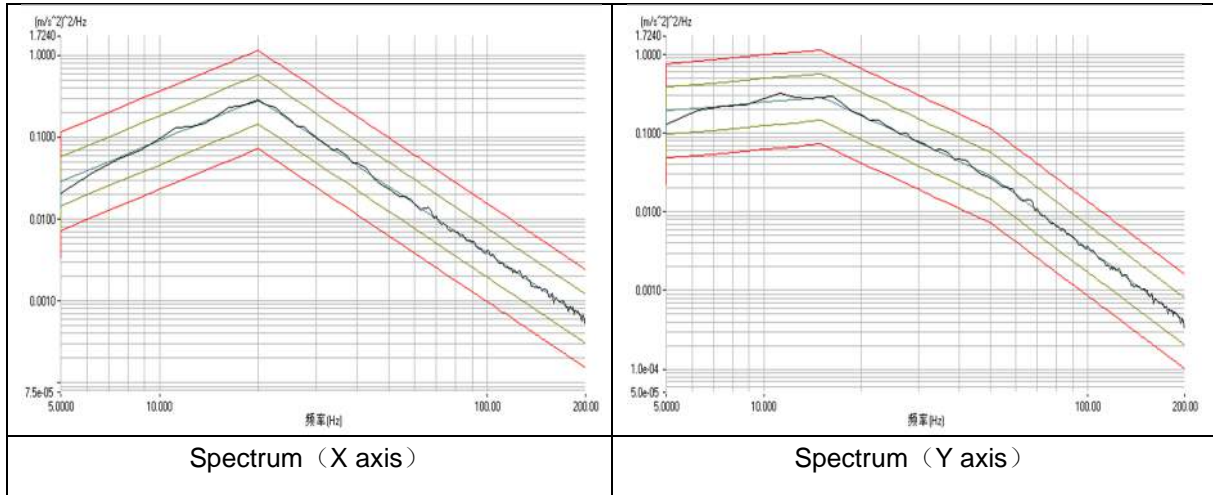
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### Equipment Information:

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

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- Part/all of the test methods are not in CMA accredited scope, the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

\*\*\*\*\* End of report\*\*\*\*\*



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