

# Test Certificate

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## Document Control:

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Company:	Vynco Industries (NZ) Limited	Vipac Ref.:	30V-09-0008 -TRP- 591854-0
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## Sample Description:

**MDB Modular Switchboard System**

## Test Specification:

**Seismic Vibration [AS60068.3.3-2003 “Environmental testing – Seismic test methods for equipment”]**

Parameter	Detail
Performance Level	III
Frequency range	1 – 35 Hz
No. of axes	3
No. of Sweeps	5

Table 1: AS60068.3.3 test parameters

Parameter	Vertical	Horizontal
Frequency range	1.2 – 35 Hz	1.2 – 35 Hz
Floor acceleration	7.5 m/s <sup>2</sup>	15 m/s <sup>2</sup>
Wave factor	0.55	0.55
Geometric factor	1.5	1.5
Vibration level	0.63 G <sub>pk</sub> (6.19m/s <sup>2</sup> )	1.26 G <sub>pk</sub> (12.38m/s <sup>2</sup> )
Sweep rate	1 octave / min	1 octave / min

Table 2: Vibration test parameters

## Result:

At the completion of the test, there was no evidence of any damage or wear on the modules that would impair functionality of the switchboard system – refer to Vipac report 30V-09-0008-TRP-590724-0, 20 Dec 2010 for further details. Further assessment is to be conducted by Vynco Industries (NZ) Limited.

## Approval:

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Date: 27/01/2011

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Date: 27-01-2011