

CUBIC-Modulsystem A/S
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Date
2004-03-18

Reference
P400870

Vibration test of CUBIC Modular System (1 appendix)

1 Client

CUBIC-Modulsystem A/S, Skjoldborgsgade 21, DK-9700 Broenderslev, Denmark.

2 Test object

One CUBIC Modular System, width 579, length 624, height 1080 mm, see photos and drawings in appendix 1.

The test object was delivered to SP on March 10, 2004, by the client.

3 Commission

Sinusoidal vibration test according to IEC 60068-2-6 Fc with Germanischer Lloyd, Part 1, Chapter 3, Edition 1992, p2 and DNV Standards for Certification No 2.4, april 2001, as reference.

Frequency range:	5 - 100 Hz
Displacement 5 - 13.2 Hz:	± 1 mm
Acceleration 13.2 - 100 Hz:	0.7 g
Number of axes:	3
Mode:	not in operation

Resonance investigation shall be performed with a sweep rate not exceeding 1 octave per minute.

Endurance test shall be carried out in each axis for 90 minutes at the resonance frequency with the greatest amplification factor or by sweeping for 120 minutes over a restricted frequency range where several resonance frequencies are detected close to each other.

Visual inspection shall be carried out after each test axis, further evaluation shall be performed by the client.

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