

Nuremberg, June 08, 2009

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GMC-I Messtechnik GmbH  
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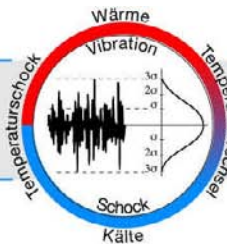
90449 Nuremberg



## TEST REPORT No.: E 4.969

*Task:* IP protection type tests IP 65 according to DIN EN 60529:2000  
*Order No.:* 202/45105841 LN 8192 of April 21, 2009  
*Subject:* Metrahit Outdoor (**M2400**)





## 1 Test conditions for dust tightness test IP 6X

Degree of protection:	<b>IP 6X with below-atmospheric pressure</b>
Test dust:	talcum
Test duration:	8 hours
Electric operating mode:	none

## 2 Test conditions for waterjet test IP X5

Testing facility:	jet nozzle nozzle diameter 6.3 mm
Test specimen support area:	carrier perforated
Volume flow:	12.5 liters / min $\pm$ 5 %
Test duration:	3 minutes (turntable)

## 3 Agreement

The waterjet test is performed in the presence of the client.

After the tests the test specimen is opened and evaluated in the presence of the client.

#### 4 Comments

No water or dust whatsoever is intruding into the test specimen.

Degree of protection **IP 65** is **fulfilled**.

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**Environment simulation**

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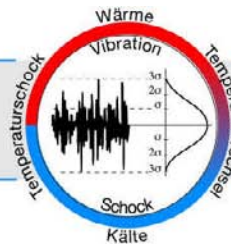
Dipl.-Ing. (Univ.) G. Windmüller  
Specialist Center Supervisor

Dipl.-Ing. (FH) M. Baumann  
Person in charge

These test results are only applicable for the above-mentioned test specimens.  
Any duplication of this test certificate, even if just in part, is not permissible.

#### Attachments:

1. Test setup
2. Test specimen after testing



## Attachment 1.1

### Test setup

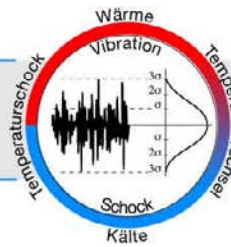


**Emplacement – dust tightness test**



**After the dust tightness test**





## Attachment 1.2

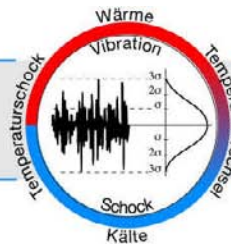
### Test setup



**Preparation – waterjet test**



**Performance – waterjet test**



## Attachment 2

### Test specimen after the tests

