

**CERTIFICATE OF CALIBRATION**

No: C1109753

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**CALIBRATION OF**

Sound Level Meter:	Brüel & Kjær Type 3050-A-040	No: 3050-100751	Id: -
Microphone:	Brüel & Kjær Type 4189	No: 2621142	
Preamplifier:	Brüel & Kjær Type 2669	No: 2679073	
Supplied Calibrator:	None		
Software version:	LabShop 16.1.0.84	Pattern Approval:	PENDING
Instruction manual:	BE-1631		

**CUSTOMER**

Brüel & Kjær Sound & Vibration Measurement A/S  
Skodsborgvej 307  
DK-2850 Nærum  
Denmark

**CALIBRATION CONDITIONS**

Preconditioning: 4 hours at 23°C ± 3°C  
Environment conditions: *See actual values in **Environmental conditions** sections.*

**SPECIFICATIONS**

The Sound Level Meter Brüel & Kjær Type 3050-A-040 has been calibrated in accordance with the requirements as specified in IEC61672-1:2002 class 1. Procedures from IEC 61672-3:2006 were used to perform the periodic tests. The accreditation assures the traceability to the international units system SI.

**PROCEDURE**

The measurements have been performed with the assistance of Brüel & Kjær Sound Level Meter Calibration System 3630 with application software type 7763 (version 4.5 - DB: 4.50) by using procedure LAN-XI 4189.


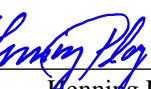
**RESULTS**

Calibration Mode: **Calibration as received.**

The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor  $k = 2$  providing a level of confidence of approximately 95 %. The uncertainty evaluation has been carried out in accordance with EA-4/02 from elements originating from the standards, calibration method, effect of environmental conditions and any short time contribution from the device under calibration.

Date of calibration: 2011-12-09

Date of issue: 2011-12-12

  
Steen Vodstrup Andersen  
Calibration Technician  
Henning Ploug  
Approved Signatory