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CCS A 59



**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 16538-2008**

Replacing GB/T 16538-1996

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**Acoustics -- Determination of sound power levels of noise  
sources using sound pressure -- Comparison method in situ**

声学 声压法测定噪声源声功率级 现场比较法

**(English Translation)**

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### What this standard covers

This standard specifies the sound source, in particular non- moving sound source sound power levels of on-site method. This standard uses the comparison method, all measurements are made octave band. Measurement uncertainty depends on the test environment. Measurement uncertainty is described with a spatial sound field distribution in comparison indicated value estimate. Accuracy level or project level, or a simple level. The measured sound power level of the sound source of the sound source and standards by the sound source at a predetermined measurement points were generated at the SPL calculated from measured values ???. Sound power level is calibrated reference sound source measured value and the measured value and the standard sound source sound source calculated by the difference between the measured value. All calculations are carried out by octave band, A- weighted sound power level determined by the octave band values ??.

### Document data

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### Standards quoted by this document

GB/T 3241-1998; GB/T 4129; GB/T 14573.1; GB/T 15173-1994; IEC 61672-1-2002