



INTERNATIONAL STANDARD ISO 13347-1:2004
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**Industrial fans — Determination of fan sound power levels
under standardized laboratory conditions —**

**Part 1:
General overview**

TECHNICAL CORRIGENDUM 1

Ventilateurs industriels — Détermination des niveaux de puissance acoustique des ventilateurs dans des conditions de laboratoire normalisées —

Partie 1: Présentation générale

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 13347-1:2004 was prepared by Technical Committee ISO/TC 117, *Industrial fans*.

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Page 5, Table 2

Insert the following symbol between the symbols “ l_c ” and “ K_1 ”:

l_s	measurement surface ratio	—
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Page 18, 12.5, bullet e)

Replace the symbol “ L_s ” with the symbol “ l_s ”.

Pages 27 and 28, E.4.3, third and fourth paragraphs

Replace the entire third and fourth paragraphs, including the equation and key, with the following paragraphs:

“Obtain the time-averaged sound pressure level, L_{pj} , at each microphone position according to the techniques described in Annex A.

For each one-third octave band within the frequency range of interest, calculate the standard deviation, s , from the following equation:

$$s = \left[\frac{1}{n_m - 1} \sum_{j=1}^{n_m} (L_{pcj} - \overline{L_{pj}})^2 \right]^{1/2}$$

where

L_{pcj} is the sound pressure level, corrected for the background noise level in accordance with the procedures of 6.2.1, for the microphone position, expressed in decibels;

$\overline{L_{pj}}$ is the arithmetic mean of (L_{pcj}) values, averaged over all microphone positions, expressed in decibels;

n_m is the number of microphone positions (= 6).”