

JIS

JAPANESE INDUSTRIAL STANDARD

**Methods of Measurement
for Noise Emitted by
Wood Working Machinery**

JIS B 6521—1978

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

JAPANESE INDUSTRIAL STANDARD

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Methods of Measurement for Noise Emitted by
Wood Working MachineryB 6521-1978
(Reaffirmed: 1987)1. Scope

This Japanese Industrial Standards specifies methods of measurement for noise level emitted by wood working machinery.

2. Method of Measurement

The methods of measurement shall be as follows:

- (1) Use the sound level meters specified in JIS C 1502, or measuring instruments having the synthetic function equivalent or superior to the meters.
- (2) Use A frequency weighting characteristic as a frequency weighting network and its unit dB(A).
- (3) Microphones shall be directed perpendicularly to the specified surface⁽¹⁾.

Note (1) An imaginary surface surrounding the tested machine as prescribed in 3.1.

- (4) Use the slow operating characteristic (SLOW) in principle as an operating characteristic.

Remark: Take care that the wind against microphones do not cause measurement errors.

3. Measurement Conditions

3.1 Prescribed Surface The prescribed surfaces shall be set out at a distance of 1 m from surfaces⁽²⁾ of a machine body. Typical surfaces prescribed are illustrated in Fig. 1 to 4.

Note (2) The shape of surfaces of a machine body shall be simplified ignoring small projections on the surfaces which are not considered to remarkably affect the noise level of the machine.

Applicable Standard:

JIS C 1502-Sound Level Meters

Reference Standards:

JIS B 6501-Test Code for Performance and Accuracy of Wood Working Machinery

JIS Z 8731-Methods of Measurement and Description of A-weighted Sound Pressure Level