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JAPANESE INDUSTRIAL STANDARD

Safety Standards for Construction of Table Band Resaws

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Safety Standards for Construction of
Table Band Resaws

B 6605-1983

1. Scope

This Japanese Industrial Standard specifies the construction for safety, safety devices, instruction manuals, inspection data sheet and marking on table band resaws⁽¹⁾, hereinafter referred to as the "band resaws".

Note ⁽¹⁾ Refer to JIS B 0114.

2. Definitions

For the purposes of this Standard, the following definitions apply.

- (1) driving saw wheel Of the two saw wheels composing a band resaw, the one saw wheel which is driven by an electric motor.
- (2) cutting side Of the two straight parts of a saw blade strained by the two saw wheels composing a band resaw, the one side which cuts the workpieces.
- (3) suppressing device A device which suppresses the transverse vibration of saw blades. This is composed of suppressing bars, suppressing bar holders, suppressing arms and others.
- (4) tensile force A tensile force exerted by the two saw wheels composing a band resaw.
- (5) concave space The space between the frame holding the top saw wheel and the straight part on the cutting side of a saw blade.

3. Construction for Safety

3.1 Starting Switch The starting switch (this means the switch for opening and closing the power supply circuit.) shall be as follows:

- (1) The starting switch shall be located where the operator can operate it without leaving his working position.

In addition, as far as the starting of the body of band resaws is concerned, the switch shall be located where the operator can operate to check the state of the saw blades and to adjust them, irrespective of his working position.

Applicable Standards:

JIS B 0114-Glossary of Terms for Wood Working Machinery

JIS G 4051-Carbon Steels for Machine Structural Use

JIS G 5501-Gray Iron Castings

Reference Standards:

JIS B 6507-General Code of Safety for Wood Working Machinery

JIS B 6509-Test Code for Performance and Accuracy of Band Saw
Machines and Feed Carriages