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JAPANESE INDUSTRIAL STANDARD

Safety Standards for Construction of Routers

JIS B 6603—1983

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JAPANESE INDUSTRIAL STANDARD

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Safety Standards for Construction of Routers B 6603-1983

1. Scope

This Japanese Industrial Standard specifies the safety construction, safety devices, handling instructions, inspection cards and markings relating to the routers ⁽¹⁾.

Note ⁽¹⁾ Refer to JIS B 0114.

2. Safety Construction

2.1 Frame and Bed The frame and bed shall be in accordance with the following:

- (1) The frame and bed shall be so constructed that the router can be installed securely and easily.
- (2) When the router has been rotated at the maximum speed under no load fitted with the largest usable knife (of the largest diameter and the length of cutting part), the frame and bed shall be such that no excessive vibration and noise could cause.

2.2 Table The table shall be in accordance with the following:

- (1) The table shall be so constructed that it can be fixed securely at an arbitrary position, and it is not liable to be inclined or ascended and descended unexpectedly.
- (2) The table shall be so constructed that the centre pin (or guide pin) and ruler can be installed securely.

2.3 Main Spindle The main spindle shall be in accordance with the following:

- (1) The material shall be S 45 C of JIS G 4051 or that having mechanical properties equal or superior thereto.
- (2) The spindle head shall be so constructed as not to be liable to ascend or descend unexpectedly.

Applicable Standards:

JIS B 0114-Glossary of Terms for Wood Working Machinery

JIS B 6141-Spring Collets

JIS C 3312-600 V Grade Polyvinylchloride Insulated and Sheathed
Portable Power Cables

JIS G 4051-Carbon Steels for Machine Structural Use

Reference Standard:

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