



# 02

## Sawing

### 2.1 Table Saw

# 2.1.1 Ripping

Candidate Name: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_ Location: \_\_\_\_\_

Completed test successfully:  Yes  No (If no, reason:) \_\_\_\_\_

### Pre-Operation Checklist

#### Level 1

**PERFORMANCE STANDARD:**

- ▶ Verifies tool is properly guarded and covered.
- ▶ Verifies saw setup using a test piece.
- ▶ Demonstrates knowledge of and proper use of all machine specific controls.
- ▶ Verifies splitter/ripping knife is in place and aligned with blade (excluding Dado blades).
- ▶ Verifies proper throat plate is installed and properly aligned with surface of table.
- ▶ Verifies dust collection operable/operating.

#### Level 2

**PERFORMANCE STANDARD:**

- ▶ Selects and properly installs correct blade.
- ▶ Installs and properly adjusts blade guard.
- ▶ Installs and properly adjusts throat plate.
- ▶ Sets fence properly (dimension, parallel to blade, properly locked down).
- ▶ Installs and properly adjusts splitter/ripping knife.
- ▶ Installs and properly adjusts required jigs and fixtures.
- ▶ Meets Level 1 performance standard.

### Considerations:

- ▶ Pre-Operation Checklist is a prerequisite for ANY operation.
  - ▶ Stock is fed in smooth continuous motion past blade with proper feed rate while controlling stock movement and waste removal.
  - ▶ Stock is supported at out-feed.
  - ▶ Push stick is used when required.
  - ▶ Blade is completely stopped before reaching to the rear or over it.
  - ▶ Proper stance and hand position are demonstrated.
  - ▶ Stock is held securely against the fence, miter gauge, or fixture as appropriate.
  - ▶ Fence is positioned clear of cut-off when crosscutting.
  - ▶ Material is pushed completely past the tooling before releasing it.
  - ▶ Clears machine and cleans work area. Process is completed in a timely manner.
  - ▶ Required OSHA approved personal protective equipment is worn.
  - ▶ Lock-out/Tag-out procedure is in place and followed.
- Please use back side for additional notes

### Operation Checklist

Level 1:	Performance standard:
Given material with one straight edge and machine set up and ready to cut, rip material to a specified width (> 100 mm [4"]) using the fence.	<input type="checkbox"/> Dimension tolerance is ±0.4 mm (1/64") [0.0156"] in width along entire length of material. <input type="checkbox"/> Angle of cut is 90° to the face. <input type="checkbox"/> Cut surfaces exhibit uniform saw marks with minimal burn marks. <input type="checkbox"/> Cut is free of tear-out.

Level 2:	Performance standard:
Given material with one straight edge, set up machine, and rip material to a specified width (> 100 mm [4"]) using the fence.	<input type="checkbox"/> Meets Level 1 performance standard.