

Bench-Saws-Drilling Assessment Checklist

Required Tasks

Handtapping

	Use Hand Tools
	Tap Holes
	Cut. O.D. Threads

Benchwork

	Measure Layout Lines
	Scribe Layout Lines
	Layout Work Piece

Contour Sawing

	Practice Safe Sawing Practices
	Select Saw Blades
	Select Blade Speed
	Weld Saw Blades
	Install Saw Blades
	Perform Contour Sawing Operations
	Perform Cutoff Saw Operations

Drill Press

	Practice Safe Drill Press Practices
	Machine Grind Twist Drills
	Hand Grind Twist Drills
	Set Up Drill Press
	Calculate Drilling Speeds
	Drill Holes
	Calculate Counter Boring Speeds
	Drill Holes
	Calculate Countersinking Speeds
	Counter Bore Hole
	Calculate Reamer Speeds
	Determine Stock Allowance
	Ream Holes

Pedestal Grinder

	Practice Grinder Safety
	Dress Grinding Wheel
	Identify Tool Angles
	Operate Grinder
	Grind Right Hand Turning Tool
	Grind Threading Tool

Optional Tasks

Lathe

	Perform Lathe Safety
	Mount & Use Three Jaw Chuck
	Face Off Stock to Length
	Turn Diameters to Length
	Mount & Use Colet Chuck
	Determine Speeds & Feeds
	File Off Burr

Mill

	Perform Mill Safety
	Mount & Remove Cutters
	Indicate Mill Head & Vise
	Determine Speeds & Feeds
	Endmill to Size
	Side Mill Parts Square
	Mill Steps
	Remove Burrs