

Saw Filer

CERTIFICATE OF QUALIFICATION EXAM BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Saw Filer Certificate of Qualification Exam*.

Number of questions on each exam: 100

Certificate of Qualification GAC/Competency	#
A. SAW FILER TRADES	3
A3. Describe Saw Filer Trade Terminology	3
B. SAFE WORK PRACTICES	1
B3. Handle Saws and Knives Safely	1
C. TRADE MATH	14
C1. Use Measuring Tools and Equipment	2
C2. Apply Trade Formulas	12
D. SAW BASICS	3
D6. Align Teeth	1
D7. Describe Saw Filing Tools, Equipment and Parts	1
D8. Describe Special Purpose Tools	1
E. BAND SAWS	3
E3. Handle Band Saws Safely	1
E4. Determine Band Saw Kerf Requirements	1
E8. Maintain Band Saw Grinders	1
F. CIRCULAR SAWS	15
F1. Identify Types of Circular Saws	1
F2. Inspect Circular Saws	1
F5. Maintain Circular Saw Grinders	1
F6. Replace Head Saw Bit and Shank	1
F7. Replace Cut-off Saw Teeth and Inserted Teeth	1
F9. Grind Carbide Saws	2
F10. Troubleshoot Carbide Saws	2
F11. Tip Stellite Circular Saws	1
F12. Grind Stellite Circular Saws	2
F13. Troubleshoot Stellite Saws	3
G. GRINDING WHEELS	2
G4. Shape and Dress Grinding Wheels	1
G6. Mount Grinding Wheels	1
H. KNIVES	2
H2. Determine Knife Angles	1
H7. Troubleshoot Knives and Chippers	1
I. SAW WELDING	11
I5. Weld Saw Teeth	1
I6. Perform Crack Welding Using Oxy-Acetylene	1

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I9. Use Safe Arc Welding Practices	3
I10. Identify Various Arc Welding Machines	2
I11. Describe Electrode Characteristics and Classifications	2
I12. Weld Saw Plate Using Manual Arc Welding Equipment	2
J. SAW CHAINS	2
J2. Calculate Gauge and Pitch of Saw Chain	1
J3. Inspect and Repair Saw Chain	1
K. SAW GUIDES	2
K2. Identify Types of Circular Saw Guides	1
K4. Maintain Saw Guides	1
L. SAW SHEARBOARDS, SCRAPERS, COOLING SYSTEMS AND HYDRAULICS	1
L3. Maintain Band Saw and Circular Saw Cooling Systems	1
M. TENSION, LEVEL AND BENCH SAWS	17
M1. Describe the Tools for Tensioning and Levelling Saws	1
M2. Level Band Saws	1
M3. Tension Band Saws	1
M4. Level Circular Saws	3
M5. Tension Circular Saws	3
M6. Use Safe Saw Handling in Circular Saw Benching	1
M7. Prepare Circular Saw for Benching	1
M8. Select Benching Hand Tools and Equipment	2
M9. Maintain Benching Hand Tools	2
M11. Describe Band Saw Steel Required Properties	2
N. PLANNING AND ORGANIZING WORK ACTIVITIES	4
N1. Plan Project Work	1
N2. Participate in Mill Shutdown Planning Procedures	1
N3. Interpret LMI Technical Documents	1
N4. Create/Update Technical Documents	1
O. SAW FILING ROOM MACHINES	8
O1. Set-up and Maintain Circular Saw Bench	1
O2. Use Circular Saw Stretcher	2
O3. Describe Operation and Maintenance of Circular Saw Grinders	2
O4. Maintain Circular Saw Guide Equipment	3
P. CIRCULAR SAW MACHINES	12
P1. Perform Circular Head Rig Alignment and Maintenance	1
P2. Align Circular Gang Saws	2
P3. Align Edgers	2
P4. Describe the Main Elements of an Optimizing System	1
P5. Align Cut-Off, Trim and Slasher Saws	1
P6. Perform Laser Alignment of Circular Machines	1
P7. Align Chip Canter	2
P8. Troubleshoot Circular Saw Machines	2
Total:	100

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