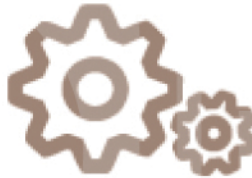


*Experienced Worker Assessment Blueprint*

*Tool and Die Making (Written Only)*

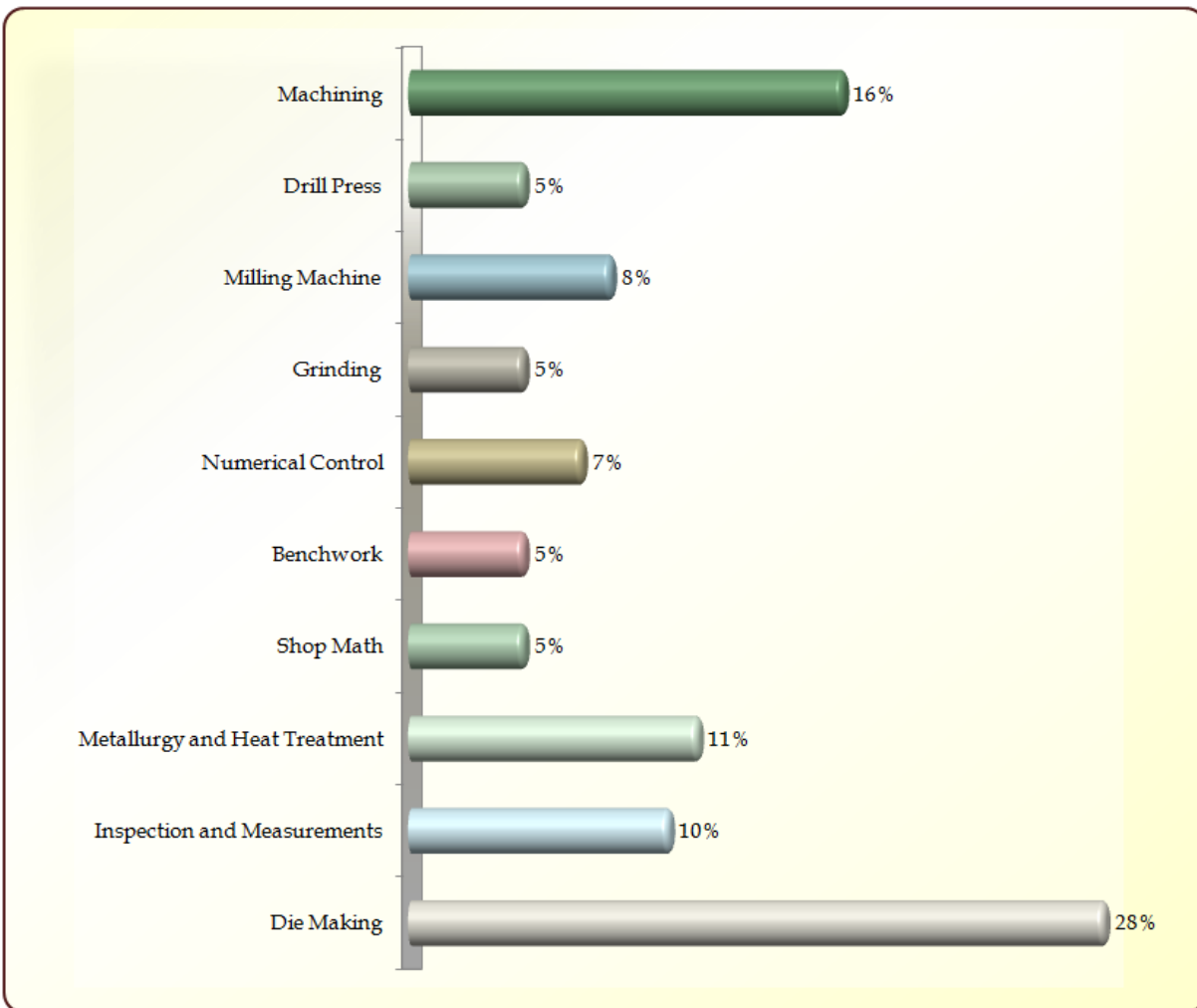


## Written Assessment:

Administration Time: 3 hours

Number of Questions: 180

### Areas Covered:



## Sample Questions:

What rpm would you use for a high speed counterbore?

- A. 1/4 of the same diameter drill speed
- B. 3/4 of the same diameter drill speed
- C. same as the equivalent diameter drill
- D. two times the same diameter drill

When drilling brass or hard bronze, it is necessary to grind a small flat on the cutting lips of a drill to

- A. prevent grabbing
- B. provide a smoother finish
- C. keep the workpiece cool
- D. provide better chip clearance

A combination of gauge blocks yielding which of the following values is required to set up an angle of 31-degrees 38-feet using a 5-inch sine bar?

- A. 5.52448
- B. 2.6224
- C. 0.104896
- D. 0.24480

Which of the following types of stamping dies is necessary to produce a washer and maintain concentricity?

- A. compound
- B. combination
- C. inverted
- D. progressive

Machining a hold for a 3/8 O.D. die spring would require a hole

- A. 11/32 diameter
- B. 5/16 diameter
- C. 3/8 diameter
- D. 1/2 diameter

