

Exercise 14 (Cumulative): Following Blueprints

NAME: _____

Revise the following passage for sentence structure, sentence fragments, modifier errors, parallel structure, and sentence combining.

Machinists must follow blueprints and operating precision equipment including lathes and machines that do milling work. Working to very tight tolerances, some machined parts are accurate to 0.0001 inch. At regular stages in the machining of a part, the blueprint is checked. Dimensions of the part must match the dimensions specified on the blueprint. The application of the part determines the accuracy required by the blueprint. Even for medical and aerospace applications, some blueprints allow the part dimensions to vary slightly. Stating + (plus) or – (minus) the specified dimensions. Machinists must measure the part, determining that the dimensions are within the tolerances, and correct any errors. Because being undersized results in being scrapped, the machinists remove material from parts in extremely tiny amounts.