# HexSizer® Training

# Written Quiz

## Training Curriculum

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**Instructions:**
Answer all 10 questions. Passing grade = 80% (8 out of 10 correct).

## Part A – Multiple Choice (6 Questions)

1. The ASME 18.2.2 standard applies to which type of nut?
   a) Standard hex nuts
   b) Heavy hex nuts
   c) Wing nuts
   d) Lock nuts

2. What does “A/F” stand for in nut measurement?
   a) After Fit
   b) Across Flats
   c) Angular Face
   d) Actual Fit

3. Why is measuring across the flats difficult for an installed nut?
   a) The flats are worn down
   b) The stud blocks the measuring tool
   c) The nut is too heavy
   d) The standard is not accurate

4. A 2-inch heavy hex nut may measure as small as 1.938” due to:
   a) Manufacturing defects
   b) ASME tolerance range
   c) Wrong tool use
   d) Conversion to metric

5. The HexSizer® solves the measurement challenge by:
   a) Guessing based on socket size
   b) Measuring from one flat of the nut
   c) Using a digital caliper
   d) Measuring the stud threads directly

6. The HexSizer® is made of anodized 6061 aluminum. What advantage does this material provide?
   a) Magnetic properties
   b) Lightweight but durable and heat resistant
   c) Flexible and bendable
   d) Lower cost compared to steel

**Part B – True/False (4 Questions)**

7. True/False: The HexSizer® shows both standard and fractional sizes to give more options.

8. True/False: The correct nut size ensures technicians select the proper wrench or socket, preventing downtime.

9. True/False: Measuring with calipers to the thousandth is the fastest way to determine which standard wrench to use.

10. True/False: One benefit of the HexSizer® is reducing wasted tool rentals by identifying the correct size upfront.