

# General Knowledge Contest

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## **Purpose**

To evaluate each contestant's knowledge of subjects taught in the Shop Ironworker curriculum.

## **Eligibility**

The apprentice competing at the District Council level must be an apprentice during the year he or she is competing to go onto the National Competition. The apprentice may come from any year apprenticeship. He or she may only compete at the National level once.

## **Clothing Requirement**

Contestants must wear long pants, shirts with sleeves, and work boots (no tennis shoes).

## **Equipment and Materials**

The following equipment will be provided by the contest committee:

- Written test consisting of 100 questions.
- Answer sheet for recording answers.
- Set of drawings to be used for selected questions on the test.
- Pencils
- Calculators

The following will be provided by the contestant:

- Contestant is not required to provide anything for this contest.

## **Contest Guidelines**

These guidelines will be followed during this contest:

1. The 100 questions for this contest will be selected from the most current versions of the following training packages developed by the National Training Fund.
  - Introduction to Blueprint Reading
  - Introduction to Welding
  - Shielded Metal Arc Welding
  - Oxyfuel Gas Cutting and Welding
  - Rigging
  - Cranes
  - Training and Fabrication for Shop Ironworkers
2. Contestants will be given 2 hours to complete the test.

3. Contestants are to have no other materials during the test other than those provided by the judges (this includes cell phones).
4. Contestants are only permitted to use the calculators provided by the judges.
5. Contestants will be informed of the time remaining on a whiteboard or flip chart.
6. The judges administering the test will not answer any questions for contestants or offer any hints to those taking the test.
7. In the event a contestant needs to use the restroom during the test, he or she will raise their hand and a judge will accompany them to the restroom.
8. While the contest is in progress, there shall be no communication between the contestants or between the contestants and anyone else except as directed by a judge or contest official.
9. Upon completion of the test, each contestant will raise his or her hand. A judge will pick up the test materials. The contestant will then leave the room to return to the contestant holding area.

### **Contest Scorecard**

This contest will be scored as follows:

1. There are 100 questions.
2. The General Knowledge exam is worth Twenty (20) points.
3. The judges will use the answer key and score each test. Each contestant's score is the number of questions correct out of 100 divided by 5.

Example: If a contestant gets 93 correct answers out of 100 his score will be...  
 $93 \text{ divided } 5 = 18.6$

4. Point assignments will be as follows:

<b>CORRECT ANSWERS</b>	<b>POINTS</b>
100	20
99	19.8
98	19.6
97	19.4
96	19.2
95	19
94	18.8
93	18.6
92	18.4
91	18.2
90	18
Etc.	

5. Contest judges should use the scoring sheet on the following page to record each contestant's scores and then determine the points earned by each contestant.
6. These results will be submitted to the contest officials responsible for compiling the overall competition results.

