

Written Contest

Purpose

To evaluate each contestant's knowledge of subjects taught in the Ironworker core 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 International Competition. The apprentice may come from any year apprenticeship. He or she may only compete at the International 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. Questions will be selected from each training package below.
 - Introduction to Blueprint Reading
 - Introduction to Welding
 - Shielded Metal Arc Welding
 - Oxyfuel Gas Cutting and Welding
 - Rigging
 - Cranes
 - Structural Steel Erection
 - Reinforcing Concrete
 - Architectural and Ornamental
 - Math

2. Contestants will be given 90 minutes to complete the test.
3. Contestants are to have no other materials during the test other than those provided by the judges (including cell phones which must be off).
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. The Written contest is worth fifteen (15) points.
2. The judges will use the answer key and score each test. Each contestant's score is the number of questions correct out of 100 multiplied by .15

Example: If a contestant gets 93 correct answers out of 100 his score will be...
 $93 \times .15 = 13.95$

3. Point assignments will be as follows:

CORRECT ANSWERS	POINTS
100	15
99	14.85
98	14.7
97	14.55
96	14.4
95	14.25
94	14.1
93	13.95
92	13.8
91	13.65
90	13.5
Etc.	

4. 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.
5. These results will be submitted to the contest officials responsible for compiling the overall competition results.

