



**INTERNATIONAL  
MINES RESCUE COMPETITION  
2020**

September 13-15, 2022

**AIR MEASUREMENTS – ANEMOMETER**

The following are examples of performance checklists (scoresheets) with merit/penalty values (scoring points). This document is being provided to the teams in advance of the 2022 IMRC for training purposes. These rule interpretations were agreed upon by Simulation Lead Judges and Simulation Judges in advance of the event.

These provided interpretations of the rules and scoring examples are for Section 9, Mine Rescue Skills Scenario/Simulation Rules

Not all scoring examples provided in this document will be used in the 2022 IMRC problem design.

Team name: \_\_\_\_\_

**SCENARIO**

- Teams will be required to take a reading using an anemometer.
- Contest will provide the required anemometer
- Contest will provide the required tape measure
- Contest will provide required pen or pencil
- Contestant(s) will provide their own timing device

**Judges Instructions**

**Merit Point Scoring:**

- 0 = not done
- +1 = poor attempt
- +2 = needs improvement
- +3 = excellent meets all requirements

1. Every line must be scored.
2. A score of 0, 1 or 2 **must be explained** by the judges.
3. When a score of 3 is applied, comments are encouraged

**Rough Handling**

1. Rough handling demerits will be deducted from the total score
2. Judges can deduct 1 to 5 points per incident of rough handling of equipment
3. Rough handling demerits will have a maximum of 10 points
4. Rough handling deductions must be explained by the judges





**1. ANEMOMETER REQUIRMENTS**

Teams will be separated into two person teams to complete this segment of the skills exercise.

Judges Remarks

0 1 2 3

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**2. Contestant will give a brief description of how an anemometer functions 0 1 2 3**

Judge's Remarks: \_\_\_\_\_

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**3. Contestant(s) will take a measurement of the area to be tested. Both the width and the height of the area must be measured in order to determine the square footage of the area. 0 1 2 3**

Judge's Remarks:

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**4. Correctly zero the anemometer.**

0 1 2 3

Judge's Remarks \_\_\_\_\_

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5. **Stand with contestant's back to one rib and hold the anemometer in a vertical position in front of contestant**

0 1 2 3

Judge's Remarks: \_\_\_\_\_

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6. **Properly traverse the entry**

0 1 2 3

Judge's Remarks: \_\_\_\_\_

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7. **Take a 1 minute (60 seconds) reading in the area:**

0 1 2 3

Judge's Remarks: \_\_\_\_\_

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8. **At the end of one minute, turn off the anemometer**

0 1 2 3

Judge's Remarks: \_\_\_\_\_

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9. Contestant(s) will now calculate the air reading for the area (air reading must be calculated and submitted to the judge)

0 1 2 3

Judge's Remarks: \_\_\_\_\_

\_\_\_\_\_

**ANEMOMETER TOTAL MERITS** \_\_\_\_\_

**LESS DEMERITS** \_\_\_\_\_

**ANEMOMETER TOTAL SCORE:** \_\_\_\_\_

**WORKING TIME:** \_\_\_\_\_

Judge's Name: \_\_\_\_\_

Judge's Name: \_\_\_\_\_

EXAMPLE

