



**INTERNATIONAL
MINES RESCUE COMPETITION
2020**

September 13-15, 2020

MAGNEHELIC

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.**

SCENARIO

- Teams will be required demonstrate the proper use of a Magnehelic gauge.
- Contest will provide the Magnehelic gauge and hoses
- Contest will provide a device for zeroing the Magnehelic gauge

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. MAGNEHELIC GAUGE REQUIRMENTS

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

0 1 2 3

Judges Remarks

2. Contestant(s) failing to explain what a Magnehelic gauge measures 0 1 2 3

Judge's Remarks: _____

3. Contestant(s) will demonstrate how to zero the Magnehelic gauge. 0 1 2 3

Judge's Remarks: _____

4. Contestant(s) will connect the hoses to Magnehelic properly and simulate the reading. 0 1 2 3

Judge's Remarks: _____





5. Contestant will give and explain the proper reading of the Magnehelic to the judge (positive or negative pressure should be included in the explanation).

0 1 2 3

Judge's Remarks: _____

MAGNEHELIC TOTAL MERTITS _____

LESS DEMERITS _____

TOTAL MAGNEHELIC SCORE _____

WORKING TIME _____

Judge's Name _____

Judge's Name _____

