



**INTERNATIONAL  
MINES RESCUE COMPETITION  
2020**

September 13-15, 2022

**AIR LIFT BAG SKILL**

TEAM NAME: \_\_\_\_\_

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 to **SAFELY** lift an object using Compressed Air and Air Lift Bags:.

**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





**IMRC will provide:**

- “Mat-Jack” High Pressure Air Lift Bag
- Compressed Air Cylinder
- Regulator
- Hoses with Connections
- Flow Controller

**Team Safety:**

**If at any time the Simulation Lead Judge feels that a team member’s safety may be compromised, the action will be stopped and re-direct negative (penalty) points will apply**

AIR BAG LIFT REQUIRMENTS

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

0 1 2 3

**Judge’s Remarks** \_\_\_\_\_

\_\_\_\_\_

1. Team will properly connect the regulator to the compressed gas cylinder.

0 1 2 3

**Judge’s Remarks:** \_\_\_\_\_

\_\_\_\_\_





2. Team will properly connect the air lift bag hose to the regulator.

0 1 2 3

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

\_\_\_\_\_

3. Team will properly connect the hose from the flow controller to the air lift bag.

0 1 2 3

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

\_\_\_\_\_

4. Team will properly connect the hose from the flow controller to the air lift bag.

0 1 2 3

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

\_\_\_\_\_





5. Team will properly connect the hose from the flow controller to the air lift bag.

0 1 2 3

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

\_\_\_\_\_

6. Team will properly connect the hose from the flow controller to the air lift bag.

0 1 2 3

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

\_\_\_\_\_

7. Team will properly place blocking under the object being lifted.

0 1 2 3

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

\_\_\_\_\_





8. Team will properly deflate the bag.

0 1 2 3

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

\_\_\_\_\_

9. Team will properly remove the bag from under the object being lifted.

0 1 2 3

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

\_\_\_\_\_

**TOTAL AIR LIFT BAG MERITS** \_\_\_\_\_

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

**TOTAL AIR LIFT BAG SCORE** \_\_\_\_\_

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

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

