<table>
<thead>
<tr>
<th>Name of Participant</th>
<th>Contestant Number</th>
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**NATIONAL BENCH CONTEST – DISCOUNT CARD**

**DRAEGER BG-4**

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**Working Time**

Minutes  Seconds

_________:_______

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**SIGNATURES:**

Timekeeper: ____________________________

Written Examiners: ________________________

Judges at Bench: __________________________

Scorecard Examiners: ______________________

Chief Judge/Appeals Committee: ___________________

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U. S. Department of Labor
Mine Safety and Health Administration
Coal Mine Safety and Health
2017
# Discounts

## A. Competition at Bench

1. Failure to verbally identify each test being conducted ........................................... 2
2. Failure to verbally identify each problem ................................................................. 5
3. Failure to correct each problem .................................................................................. 5
4. Failure to conduct any visual examination or test on the BG-4, each test .................... 5
5. Failure to tighten connections properly during assembly or testing, each connection ... 1
6. Failure to comply with rules not covered in discount sheet, each infraction ................. 2

## B. Visuals

1. Failure to conduct a proper visual examination of the frame/harness (Maximum – 4 points) ........ 1
2. Failure to conduct a proper visual examination of the breathing bag (Maximum – 4 points) .......... 1
3. Failure to conduct a proper visual examination of the O₂ cylinder (Maximum – 4 points) .......... 1
4. Failure to conduct a proper visual examination of the regenerative canister (Maximum – 3 points) . 1
5. Failure to conduct a proper visual examination of the relief valve ................................... 1
6. Failure to conduct a proper visual examination of the cooler ......................................... 1
7. Failure to conduct a proper visual examination of the hoses (Maximum - 2 points) .......... 1
8. Failure to conduct a proper visual examination of the coupling, inhalation and exhalation valves . 1
9. Failure to conduct a proper visual examination of the facepiece (Maximum - 4 points) ........ 1
10. Failure to have visual apparatus fully assembled (ready for use) ................................. 2

## C. Tester

1. Failure to conduct a proper low pressure warning test ............................................. 2
2. Failure to conduct a proper inhalation valve test ...................................................... 2
3. Failure to conduct a proper exhalation valve test ..................................................... 2
4. Failure to conduct a proper drain valve test .............................................................. 2
5. Failure to conduct a proper leak test with positive pressure ........................................ 2
6. Failure to conduct a proper relief valve test .............................................................. 2
7. Failure to conduct a proper high pressure leak test .................................................. 2
8. Failure to conduct a proper constant metering valve test .......................................... 2
9. Failure to conduct a proper minimum valve test ....................................................... 2
10. Failure to conduct a proper bypass valve test .......................................................... 2
11. Failure to conduct a proper low pressure warning test ............................................. 2
12. Failure to conduct a proper battery test ................................................................... 2
13. Failure to have test apparatus fully assembled (ready for use) .................................... 2

### Bench Discount

<table>
<thead>
<tr>
<th>Problem Description</th>
<th>Discount</th>
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<tbody>
<tr>
<td>incorrect answer</td>
<td>1</td>
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### Written Examination

1. For each incorrect answer ......................... 1

### Total Discounts

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<th>Discount</th>
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<tbody>
<tr>
<td>incorrect answer</td>
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