## Notes

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<table>
<thead>
<tr>
<th>Name of Participant</th>
<th>Contestant Number</th>
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### National Bench Contest - Discount Card

**Biomarine BIOPAK 240-R**

### Working Time

<table>
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<tr>
<th>Minutes</th>
<th>Seconds</th>
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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  
2016
### 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 BIOPAK 240-R, 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 upper and lower housing/harness (Maximum – 4 points) ................................................. 1 ____
2. Failure to conduct a proper visual examination of the center section assembly (Maximum – 4 points) ........ 1 ____
3. Failure to conduct a proper visual examination of the carbon dioxide scrubber (Maximum – 3 points) ........ 1 ____
4. Failure to conduct a proper visual examination of the center section lid assembly (Maximum – 2 points) ....... 1 ____
5. Failure to conduct a proper visual examination of the \( \text{O}_2 \) cylinder (Maximum – 3 points) ............... 1 ____
6. Failure to conduct a proper visual examination of the hoses (Maximum – 2 points) ................................. 1 ____
7. Failure to conduct a proper visual examination of the facepiece (Maximum – 4 points) ........................ 1 ____
8. Failure to have visual apparatus fully assembled (ready for use) .......................... 2 ____

### C. Tester

1. Failure to conduct the proper constant flow test ........ 2 ____
2. Failure to conduct a proper demand valve functional test .. 2 ____
3. Failure to conduct a proper emergency bypass functional test ........................................ 2 ____
4. Failure to conduct the proper vent valve functional test .............................................. 2 ____
5. Failure to conduct a proper low pressure leak test ......... 2 ____
6. Failure to conduct a proper RMS Gaug and TRIM test .... 2 ____
7. Failure to conduct a proper high pressure leak test ...... 2 ____
8. Failure to conduct a proper low pressure alarm functional test .. 2 ____
9. Failure to have test apparatus fully assembled (ready for use) ........................................ 2 ____

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**Bench Discount**

**Written Examination**

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

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**Total Discounts**