Name of Participant ____________________________ Contestant Number ____________________________

NATIONAL BENCH CONTEST – DISCOUNT CARD

DRAEGER BG-4

Working Time
Minutes   Seconds
_______ : _______

SIGNATURES:

Timekeeper: ________________________________________________

Written Examiners: __________________________________________

Judges at Bench: ____________________________________________

Scorecard Examiners: _________________________________________

Chief Judge/Appeals Committee: ________________________________

U. S. Department of Labor
Mine Safety and Health Administration
Coal Mine Safety and Health
2018
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 \( \text{O}_2 \) 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

Written Examination

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

Total Discounts