

Sample of performance evaluation for competency testing:

Air Monitoring GX-91

Name _____	Date _____
Evaluator _____	

1 Goal: The Technician/Specialist to demonstrate the ability to perform field survey of known & unknown substances in a given environment.

2 Objective 1 Demonstrate the ability to select the appropriate search pattern for a given situation.(left/right, Colleen 8 point, or Grid).

Given:

- A 55 gallon drum in an open area
- product is MEK

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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3 1.1 Was a pattern selected? _____

4 1.2 Did the members continue the pattern throughout the process? _____

5 1.3 Did the member cover the entire suspect area? _____

6 1.4 Did the members mark the areas where reading registered on the monitoring device?(evaluator must simulate readings no higher than 20% of the LEL in order for the person doing the monitoring to complete this task) _____

7 Objective 2 Demonstrate the ability to select the appropriate search pattern for a given situation (left/right, Colleen 8 point, or Grid).

Given:

- A room with no ventilation
- product is hydrogen

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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8 2.1 Was a pattern selected?

9 2.2 Did the members continue the pattern throughout the process?

10 2.3 Did the member cover the entire suspect area?

11 2.4 Did the members mark the areas where reading registered on the monitoring device? (evaluator must simulate readings no higher than 20% of the LEL in order for the person doing the monitoring to complete this task)

12 Objective 3 Demonstrate the ability to select the appropriate search pattern for a given situation.(left/right, Colleen 8 point, or Grid).

Given:

- A unventilated room
- product is unknown

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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14 3.1 Was a pattern selected? _____

15 3.2 Did the members continue the pattern throughout the process? _____

16 3.3 Did the member cover the entire suspect area? _____

17 3.4 Did the members mark the areas where reading registered on the monitoring device?(evaluator must simulate readings no higher than 20% of the LEL in order for the person doing the monitoring to complete this task) _____

18 Objective 4 Demonstrate the ability to select and use the appropriate monitoring device.

Given:

Product is benzene

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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19 4.1 Did the member choose the correct monitoring device?

20 4.2 Did the member calibrate/zero the monitoring device before use?

21 4.3 Did the member apply a response curve to come up with an actual reading?

22 4.4 Did the members allow the correct amount of response time for the monitoring device?

23 Objective 5 Demonstrate the ability to select and use the appropriate monitoring device.

Given:

Product is oxygen

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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24 5.1 Did the member choose the correct monitoring device?

25 5.2 Did the member calibrate/zero the monitoring device before use?

26 5.3 Did the member apply a response curve to come up with an actual reading?

27 5.4 Did the members allow the correct amount of response time for the monitoring device?

28 Objective 6 Demonstrate the ability to select and use the appropriate monitoring device.

Given:

Product is Carbon Monoxide

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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29 6.1 Did the member choose the correct monitoring device?

30 6.2 Did the member calibrate/zero the monitoring device before use?

31 6.3 Did the member apply a response curve to come up with an actual reading?

32 6.4 Did the members allow the correct amount of response time for the monitoring device?

33 Objective 7 Demonstrate the ability to select and use the appropriate monitoring device.

Given:

Product is Hydrogen Sulfide

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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34 7.1 Did the member choose the correct monitoring device?

35 7.2 Did the member calibrate/zero the monitoring device before use?

36 7.3 Did the member apply a response curve to come up with an actual reading?

37 7.4 Did the members allow the correct amount of response time for the monitoring device?

38 Objective 8 Demonstrate the ability to interpret data for a given product.

Given:

- Benzene
- reading on monitoring device 3%
- LEL 1.4% UEL 8.0%
- TWA 10 ppm

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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39 8.1 Did the member know the TLV/TWA?

40 8.2 Did the member know the action levels for the product?

41 8.3 Did the member take the appropriate action based on the monitoring data?

42 Objective 9 Demonstrate the ability to interpret data for a given product.

Given:

- Oxygen
- reading on monitoring device 15%

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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43 9.1 Did the member know the TLV/TWA?

44 9.2 Did the member know the action levels for the product?

45 9.3 Did the member take the appropriate action based on the monitoring data?

46 Objective 10 Demonstrate the ability to interpret data for a given product.

Given:

- Carbon Monoxide
- reading on monitoring device 40 ppm
- LEL 12.5% UEL 74.2%
- TWA 50 ppm

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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47 10.1 Did the member know the TLV/TWA?

48 10.2 Did the member know the action levels for the product?

49 10.3 Did the member take the appropriate action based on the monitoring data?

50 Objective 11 Demonstrate the ability to interpret data for a given product.

Given:

- Hydrogen Sulfide
- reading on monitoring device 60 ppm
- LEL 4% UEL 46%
- TWA 10 ppm STEL 15 ppm

Objective was met: Yes _____ No _____

Evaluator: _____

Criteria	Yes	No	Not observed
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51 11.1 Did the member know the TLV/TWA?

52 11.2 Did the member know action levels for the product?

53 11.3 Did the member take the appropriate action based on the monitoring data?
