



GEORGIA FIREFIGHTER STANDARDS AND TRAINING HAZARDOUS MATERIAL OPERATION LEVEL 1 SKILL STATION BREAKDOWN



STATION 1

HAZO1-1 – EMERGENCY DECONTAMINATION PROCEDURES

STATION 2

HAZO1-2 – ABSORPTION & RETENTION

HAZO1-3 – OVERFLOW DAM

STATION 3

HAZO1-4 – DIVERSION

HAZO1-5 – DIKING

STATION 4

HAZO1-6 – VAPOR DISPERSION

HAZO1-7 – FOAM VAPOR SUPPRESSION

SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

Contact the Monitor at any time with any questions you may have.



GEORGIA FIREFIGHTER STANDARDS AND TRAINING HAZARDOUS MATERIAL OPERATION LEVEL 1 EQUIPMENT STATION BREAKDOWN



STATION 1

- Charged Hoseline with Nozzle
- Simulated Conscious Victim

STATION 2

- Leaking Container
- Appropriate Barrier
- Absorbent Materials
- Piping (or Simulation) to Construct Over Flow Dam

STATION 3

- Flowing Product
- Appropriate Barrier
- Absorbent Materials

STATION 4

- Leaking Container
- Appropriate Barrier
- Absorbent Materials
- Charged Hoseline with Fog Nozzle or Foam Nozzle
- Foam Eductor
- Foam (or Simulated Foam) for Foam Vapor Suppression
- Fan for Vapor Dispersion (Optional)

* **Flowing Product** – Leaking Container, Hoseline with flowing water, **or** Approved simulation.

****Appropriate Barrier** – Shovel and Dirt, Pigs, **or** Approved Simulation.

*** **Absorbent Materials** – Pads, Litter, **or** Approved Simulation.

CANDIDATES WILL NEED PERSONAL PROTECTIVE EQUIPMENT WITH SCBA (FULL CYLINDER)

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Skill Station Instructions

Monitor

Candidates will be required to pass 4 out of the 7 skills. The following is a mandatory skill for each candidate to perform **HAZO1-1** Emergency Decontamination Procedures and **the other skills will be identified by random selection**. One candidate will be sent to a station at a time.

Station #1

Skills: HAZO1-1 – Emergency Decontamination Procedures

One candidate is to be sent at a time.

One evaluator is required at this station.

Every candidate will perform the identified skill while wearing a complete set of structural firefighter gear including SCBA should be used as a minimum for testing purposes.

Skill Definitions:

Direct contact refers to contact with the actual product.

Indirect contact refers to splash hazards and cross contaminations.

Emergency decontamination site is a site away from the contaminated area.

Victim can be simulated by use of an individual or manikin.

Station #2

Skills: HAZO1-2 – Absorption & Retention

HAZO1-3 – Overflow Dam

One candidate needs to be sent at this station at a time.

One evaluator is required to evaluate this station.

Random selection is determined by alternating the skills between candidates at the discretion of the evaluator. For example, the first candidate will perform HAZO1-2 and the second candidate will perform HAZO1-3, and then the process will repeat.

Every candidate will perform the identified skill while wearing a complete set of structural firefighter gear including SCBA should be used as a minimum for testing purposes.

Skill Definitions:

Overflow dam- used to trap sinking heavier-than-water materials behind the dam (specific gravity >1). With the product trapped, uncontaminated water is allowed to flow unobstructed at the top of the dam.

Station #3

**Skills: HAZO1-4 – Diversion
HAZO1-5 - Diking**

One candidate will be sent to the station at a time.
One evaluator is required at this station.

Random selection is determined by alternating the skills between candidates at the discretion of the evaluator. For example, the first candidate will perform HAZO1-4 and the second candidate will perform HAZO1-5, and then the process will repeat.

Every candidate will perform the identified skill while wearing a complete set of structural firefighter gear including SCBA should be used as a minimum for testing purposes.

Skill Definitions:

Diversion - Identify product flow by either fast or slow. V-shape is acceptable for both fast and slow. Semi-circle is acceptable for slow moving products only.

Diking - Step 3. **Appropriate angle** – is defined as angle sufficient to effectively divert material to area of less harm. (i.e.- away from drain or simulated target area)

Station #4

**Skills: HAZO1-6 – Vapor Dispersion
HAZO1-7 – Foam Vapor Suppression**

One candidate will be sent to the station at a time.
One evaluator is required at this station.

Random selection is determined by alternating the skills between candidates at the discretion of the evaluator. For example, the first candidate will perform HAZO1-6 and the second candidate will perform HAZO1-7, and then the process will repeat.

Every candidate will perform the identified skill while wearing a complete set of structural firefighter gear including SCBA should be used as a minimum for testing purposes.

Skill Definitions:

Vapor Dispersion- Step 4- Will be omitted if using a fan to complete the skill.

Foam Vapor Suppression - Identified product – shall be identified as either a polar solvent or hydrocarbon by evaluator. The **candidate** should **verbalize** to the **evaluator** the foam concentration used to combat the **identified product**. For example, **AR** or **ATC** should be used for polar solvents.

Remember:

- ***The candidates are required to demonstrate the skills (in accordance with the skills sheets) in a safe manner that accomplishes the objective.***
- ***Verbalization is not a substitute for demonstration.***
- ***During a redo, the candidate must repeat the same skill previously attempted.***



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL

Haz-mat Operation 1 Skills Testing **POLICIES AND PROCEDURES**

1. Candidates will be expected to conduct themselves as professionals. **NO UNPROFESSIONAL ATTITUDES WILL BE TOLERATED.**
2. All skills must be successfully completed to achieve certification.
3. Unsuccessful first attempts will result in a redo.
4. Redo evaluations will be set up exactly as the original attempt, with a different evaluator assigned. During a redo, the candidate must repeat the same skill previously attempted.
5. Redos of more than two skills constitutes a failure for the entire skills assessment.
6. An unsuccessful redo attempt constitutes failure for the entire skills assessment.
7. Candidates will be assigned to a staging area, where the group can be observed by the test monitor. Candidates will remain in staging, if not actively assigned to a skills test station. Candidates will be permitted breaks. These breaks will occur on an individual basis with one candidate at a time allowed on break.
8. Candidates will not be allowed to have any reference materials on site during a skills evaluation. Reference materials include, but are not limited to: Skill sheets, Lesson Plans, Notes, or Study aides.
9. Discussing any portion of the test outside of skill stations is prohibited at all times during the test administration.
10. Candidates will travel directly to and return directly from a skills station.
11. Candidates will not be allowed to view "Candidate Worksheets" during the skills event. However, at the end of the evaluation, or after being notified of a failure, candidates will be allowed to review their worksheet.
12. Candidates will refrain from having conversations with evaluators. However, if a candidate needs clarification on an objective, the evaluator can clarify the objective.
13. Candidates will be allowed to request one "re-start" per skill.

14. Candidates will be given verbal instructions prior to beginning each skills objective. Candidates **MUST** physically demonstrate each objective. It will be understood some objectives will require simulations, such as foam application or FDC connections. However, if the candidate only verbalizes, when the ability to demonstrate is available, he or she will not successfully complete the objective. Verbalization is encouraged when making emphasis on a point of clarity.
15. Candidates will be informed as to redo, pass, and fail status by the test monitor only. DO NOT ask anyone else for results.
16. Candidates who fail a skills event will be given an opportunity to appeal the results by submitting a written report of the event to Georgia Firefighter Standards and Training Council, 1000 Indian Springs Drive, Forsyth, Georgia 31029 within 15 days of the event. Candidates having a successful appeal will only be required to complete the remaining skills not completed during the original attempt. Candidates who choose not to appeal or those receiving an unsuccessful appeal will be required to re-test on ALL objectives at another scheduled event.
17. National Certification will only be awarded to candidates that have successfully completed both written and skills examinations. Candidates have one year from the written test date to challenge the skills test portion of the evaluation. If the candidate does not successfully complete the skills exam within one year, the written score will no longer be valid.
18. ANY VIOLATION OF THIS POLICY WILL RESULT IN IMMEDIATE FAILURE FOR THE EVENT. The test monitor will have ultimate on-site authority when making final decisions.