

# DAMAGE CONTROLMAN (DC) A- SCHOOL TEST 2 PRACTICE (SAMPLE)

## STUDY GUIDE



## SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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# Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

# How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

## 1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

## 2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

## 3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

## 4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

## 5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

## 6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!



## Questions

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- 1. What does the General Alarm on a ship notify?**
  - A. The ship is going into General Quarters
  - B. The ship is being audited
  - C. The ship is entering maintenance mode
  - D. The ship is leaving port
- 2. What color does M8 Paper indicate for H-Blister?**
  - A. Red
  - B. Green
  - C. Blue
  - D. Black
- 3. What color does M8 Paper indicate for G-Nerve?**
  - A. Red
  - B. Gold/Yellow
  - C. Dark Green
  - D. Blue
- 4. Which abrasive cloth is used to clean paint or rust from the knife edge?**
  - A. 320 Grit Aluminum Oxide Abrasive Cloth
  - B. 600 Grit Aluminum Oxide Abrasive Cloth
  - C. Silicone Carbide Abrasive Cloth
  - D. Sandpaper 150 Grit
- 5. What is the primary extinguishing agent for Class B fires?**
  - A. AFFF / Halon 1301 & HFP
  - B. Fire-Main
  - C. Water
  - D. CO2
- 6. Which item's specification lists a shelf life in days?**
  - A. Air-Boss Lightweight Overboot
  - B. M50 Gas Mask
  - C. M8 Paper
  - D. M9 Paper

**7. As an investigator what will you do if after leaving compartments?**

- A. Re-secure any compartment after leaving
- B. Re-enter the compartments
- C. Ventilate and leave
- D. Mark the compartment

**8. What is the third principle of investigation?**

- A. Investigate Thoroughly
- B. Investigate Cautiously
- C. Make Reports
- D. Repeat the investigation

**9. Sound Powered Telephone provides what?**

- A. The principal means of communication
- B. Wireless messaging
- C. Public address system
- D. Ship's intercom

**10. How long does the M8 Paper take to change color?**

- A. 5 Seconds
- B. 10 Seconds
- C. 20 Seconds
- D. 30 Seconds



## **Answers**

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1. A
2. A
3. B
4. A
5. A
6. A
7. A
8. C
9. A
10. C

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## **Explanations**

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### 1. What does the General Alarm on a ship notify?

- A. The ship is going into General Quarters
- B. The ship is being audited
- C. The ship is entering maintenance mode
- D. The ship is leaving port

*The General Alarm signals the ship-wide alert to go to General Quarters, meaning the crew must report to battle stations and begin maximum readiness for defense or combat. It triggers immediate action from all hands, including damage control and weapons teams, and is used for emergencies or drills that require rapid mobilization. The other options don't fit because an audit is administrative, maintenance mode is not an emergency state requiring battle stations, and leaving port is a routine operation managed by separate procedures, not the General Alarm.*

### 2. What color does M8 Paper indicate for H-Blister?

- A. Red
- B. Green
- C. Blue
- D. Black

*M8 paper uses color changes to indicate which class of liquid chemical agent is present. For H-Blister, the reaction of the paper's sensing dyes produces a red color. That red signal tells you blister-type contamination is suspected, guiding you to the appropriate decontamination and protective actions. Other colors would correspond to different agent types (or a lack of reaction), which is why they don't indicate H-Blister.*

### 3. What color does M8 Paper indicate for G-Nerve?

- A. Red
- B. Gold/Yellow
- C. Dark Green
- D. Blue

*M8 paper is a colorimetric detector that changes color depending on the type of chemical agent present. For G-series nerve agents, the color produced on the paper is gold to yellow. This happens because the reagents in the paper react specifically with organophosphorus nerve agents to form a yellow-colored complex, signaling a positive result for nerve-agent detection. In the field, spotting a gold/yellow color on M8 means treat it as a potential nerve agent exposure and follow proper protective and decontamination procedures. Other colors indicate different agent classes, so the yellow hue is the indicator you use to identify G-nerve agents.*

#### 4. Which abrasive cloth is used to clean paint or rust from the knife edge?

- A. 320 Grit Aluminum Oxide Abrasive Cloth
- B. 600 Grit Aluminum Oxide Abrasive Cloth
- C. Silicone Carbide Abrasive Cloth
- D. Sandpaper 150 Grit

*When cleaning paint or rust from a knife edge, you want an abrasive that removes coatings without gouging or thinning the edge. Aluminum oxide is a reliable choice for steel surfaces, and the cloth format lets you work along the edge to control material removal. A mid-range particle size, like 320 grit, strikes the right balance: it wipes away paint and rust efficiently while preserving the knife's geometry. A finer grit (600) would remove material more slowly and may not fully remove coatings, while silicone carbide cloth can be harsher on a thin edge and isn't as well suited for routine knife-edge cleaning. Sandpaper at 150 grit is coarser and not the preferred cloth for this task.*

#### 5. What is the primary extinguishing agent for Class B fires?

- A. AFFF / Halon 1301 & HFP
- B. Fire-Main
- C. Water
- D. CO2

*Class B fires involve flammable liquids, so the best approach is to blanket and cool the liquid to prevent vaporization and reignition. AFFF foam creates a stable film on the surface of the , cooling it and forming a barrier that stops vapors from mixing with air. This film-and-coating effect is key for stopping liquid fires on ships. Halon 1301 and HFP act as rapid-acting clean agents that help knock down the flame quickly, especially in confined spaces where foam might not reach immediately. So the primary extinguishing method for Class B is AFFF foam, often used together with Halon 1301 or HFP where rapid knockdown in enclosed areas is needed. Water isn't ideal because it can spread the flammable liquid; CO2 displaces oxygen but doesn't blanket the liquid surface effectively and can be hazardous to personnel; the fire-main is a water supply system, not the extinguishing agent itself.*

#### 6. Which item's specification lists a shelf life in days?

- A. Air-Boss Lightweight Overboot
- B. M50 Gas Mask
- C. M8 Paper
- D. M9 Paper

*Shelf life in days is used for items whose useful storage window is relatively short or tightly constrained by material stability. When a specification lists shelf life in days, it signals that the item can degrade or fail if kept too long in storage, so that window is given to ensure reliability in use. The Air-Boss Lightweight Overboot is the item whose spec uses days because its protective rubber/elastic materials and construction are more prone to change over time in storage, so the manufacturer defines a finite storage period in days. Other items, like the M50 gas mask and the chemical-detecting papers, have durability profiles typically expressed in years or are designed with longer, less-perishable lifespans under proper storage, so their shelf life isn't stated in days.*

## 7. As an investigator what will you do if after leaving compartments?

A. Re-secure any compartment after leaving

B. Re-enter the compartments

C. Ventilate and leave

D. Mark the compartment

*When you finish working in a compartment, the priority is to re-secure it so the space remains safe and under control. Securing means closing and dogging the doors, securing hatches, and ensuring the space is physically sealed as required. This prevents hazards from leaking out, stops unauthorized entry, and preserves the condition of the compartment for safety and for any ongoing or future work. Re-entering the space after leaving would expose you to unknown hazards and is not the proper procedure. Ventilating and leaving is done only under specific, controlled conditions and is not the standard action after every exit. Marking the compartment is useful for status but does not take the place of re-securing the space.*

## 8. What is the third principle of investigation?

A. Investigate Thoroughly

B. Investigate Cautiously

C. Make Reports

D. Repeat the investigation

*The third principle is to Make Reports. After you've gathered and verified the facts, documenting what happened in a formal report is essential. A clear report creates an official record, communicates the details to the chain of command, and explains what occurred, who was involved, where and when it happened, and what evidence supports the conclusions. This transparency allows supervisors to authorize corrective actions, assign responsibility if needed, and capture lessons to prevent recurrence. Investigate thoroughly and investigate cautiously describe how you approach the work, not the act of communicating results. Repeating the investigation isn't a standard principle and usually isn't necessary unless new information appears.*

## 9. Sound Powered Telephone provides what?

A. The principal means of communication

B. Wireless messaging

C. Public address system

D. Ship's intercom

*The key idea here is that a sound-powered telephone provides direct voice communication using the operator's own voice to power the line. It doesn't require any external power or batteries, which makes it extremely reliable even if ship's electrical power is down. Because it works over the ship's hard-wired circuits and lets crews at separate stations talk privately and quickly, it serves as the primary method for internal communications, especially in emergencies or during damage control when other systems might be unavailable. It's not wireless and it's not a public address system; it's a dedicated, real-time voice link between stations, which is why it's considered the principal means of communication aboard.*



**10. How long does the M8 Paper take to change color?**

- A. 5 Seconds
- B. 10 Seconds
- C. 20 Seconds**
- D. 30 Seconds

*M8 Paper is a rapid detector that shows a color change when it contacts certain chemical agents, so you get a quick readout in the field. The timing of that color change is standardized to about 20 seconds, giving a reliable indication without delaying protective actions. This window reflects the balance between allowing the chemical reaction to complete and providing a fast decision point. If no color develops within that period, the result is considered negative for the tested agents, and you would proceed with the next steps in your procedures. Times shorter than this wouldn't reliably capture all reactive agents, while longer times would slow decision-making and could lead to misreading the result.*

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## Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at [hello@examzify.com](mailto:hello@examzify.com).

Or visit your dedicated course page for more study tools and resources:

<https://dcaschool2.examzify.com>

We wish you the very best on your exam journey. You've got this!

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