

**ROUTINE DECK MAINTENANCE ASSIGNMENT 2    NAME: \_\_\_\_\_**  
**CONFINED SPACES**

*This assignment checks your progress in understanding of the content of the Maintenance Lessons and Workbook.*

*Perform routine remedial, preventative and survey deck maint. on a vess. <80 metres*

*Perform routine maintenance on a vessel up to 24 metres*

**Question 1.** What is the most common hazard in the enclosed spaces of a steel ships void compartments?

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**Question 2.** Ships holds, vats or silos that are used to store vegetables, grains or other organic materials may be contaminated by \_\_\_\_\_

**Question 3.** Other than suffocation, what is a significant risk within a enclosed engine room.

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**Question 4.** Describe the hazards you would anticipate in the enclosed spaces of your vessel during and immediately after refit or restoration.

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**Question 5.** What is a hazardous materials safety data sheet?

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**Question 6.** Explain the meaning and purpose of the HAZCHEM Code 2RE on the tank of Anhydrous Ammonia, as below:

**DANGEROUS GOODS INFORMATION and HAZCHEM CODE CARD**  
 Provided by the CHEM Unit  
 Chemical Hazards and Emergency Management Unit  
 Phone 07 3247 8444

**A TYPICAL EMERGENCY INFORMATION PANEL**

<b>ANHYDROUS AMMONIA</b>		 
UN No.	<b>1005</b>	
HAZCHEM	<b>2RE</b>	
IN EMERGENCY DIAL <b>000 POLICE or FIRE BRIGADE</b>		SPECIALIST ADVICE ORGANISATION NAME AND PHONE NUMBER

1	<b>WATER JETS</b>	2	<b>FOG</b>	3	<b>FOAM</b>	4	<b>DRY AGENT</b>
P	V	<b>FULL</b>				<b>DILUTE</b>	
R							
S	V	<b>BA</b>					
S		<b>BA for FIRE only</b>					
T		<b>BA</b>				<b>CONTAIN</b>	
T		<b>BA for FIRE only</b>					
W	V	<b>FULL</b>					
X							
Y	V	<b>BA</b>				<b>CONTAIN</b>	
Y		<b>BA for FIRE only</b>					
Z		<b>BA</b>					
Z		<b>BA for FIRE only</b>					
E	<b>CONSIDER EVACUATION</b>						

**Question 7.** What are the hazards of each of the six substances labelled as below:



**Question 8.** Explain your precautions when stowing corrosives and inflammables in your vessel.

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**Question 9.** List three administrative permits/certificates that are required to ensure safe entry to work in the space labelled as below.



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**Question 10.** List four personal protective item inclusions to a pre-entry checklist to safely enter to a dust filled enclosed space that contains noisy operational machinery and requires heavy hand tools/equipment.

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**Question 11.** Name the essential entry document for works/repairs by a competent person that safely manages cleaning operations, hot works, grinding and sparking, dust producing operations, solvent fumes or other dangerous operations within a confined space.

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**Question 12.** Describe the meaning of the following terms:

Substitution \_\_\_\_\_

Isolation \_\_\_\_\_

Lockout \_\_\_\_\_

Stand by \_\_\_\_\_

Communication \_\_\_\_\_

Atmospheric monitoring \_\_\_\_\_

**Question 13.** List the personal protective equipment that would be required by statute to enter a confined space (whose atmosphere was insufficient to sustain life) to rescue an unconscious victim that was no longer breathing.

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**Question 14.** What rescue equipment would be most useful in recovering the victim from inside the above confined space.

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**Question 15.** After the victims rescue, what immediate action could probably save his /her life.

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**Question 16.** As a master, list your strategies to limit hazards during routine maintenance on the ship.

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