



Cargo Stowage

Ventilation

This Study Guide Generated For

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A heated bulkhead has the effect on a hygroscopic commodity of _____.

raising the vapor pressure of the commodity

On a vessel proceeding from a very cold to a warm climate with a cargo of a nonhygroscopic nature in the holds, which is TRUE?

There is danger of heavy cargo sweat if outside air is introduced by ventilation.

Your vessel is going from a warm climate to a cold climate with a hygroscopic cargo. Which statement is TRUE?

You must ventilate constantly and vigorously to combat ship sweat.

Your vessel is loaded with nonhygroscopic cargoes and is going from a cold to a warm climate. You should _____.

not ventilate the cargo holds

Hygroscopic cargoes should be ventilated when _____.

going from a warm to a cold climate

Sweat damage will occur in a cargo hold containing cased machinery when the _____.

dew point of the hold is higher than the temperature of the ship's skin

Sweat damage in a hatch full of canned goods in cartons will occur when the _____.

dew point is higher than the temperature of the cargo

The moisture equilibrium chart can be used to determine the _____.

dew point temperature that the air surrounding a hygroscopic commodity will have when in moisture equilibrium with that commodity

Which data can NOT be found on a moisture equilibrium chart?

Wet bulb temperature

When the dew point of the outside air is higher than the dew point of the air in the cargo hold, you should _____.

not ventilate the cargo holds

When the dew point of the outside air is lower than or equal to the dew point of the air in the cargo hold, you should _____.

ventilate the cargo holds

Which factor is MOST important in preventing sweat damage within a cargo hold?

Dew point of the cargo hold

A

air 1

B

bulb 1

bulkhead 1

C

canned 1

cargo 1

cargoes 1

cartons 1

cased 1

chart 1

climate 1

cold 1

combat 1

commodity 1

constantly 1

D

damage 1

danger 1

data 1

determine 1

dew 1

E

effect 1

equal 1

equilibrium 1

F

factor 1

found 1

full 1

G

goods 1

H

hatch	1
heated	1
heavy	1
higher	1
hold	1
holds	1
hygroscopic	1

I

important	1
introduced	1

L

loaded	1
lower	1

M

machinery	1
moisture	1

N

nature	1
nonhygroscopic	1

O

occur	1
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P

point	1
pressure	1
preventing	1
proceeding	1

R

raising	1
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S

ship	1
ship's	1
skin	1

statement	1
surrounding	1
sweat	1

T

temperature	1
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V

vapor	1
ventilate	1
ventilated	1
ventilation	1
vessel	1
vigorously	1

W

warm	1
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