

CHEMICAL BURNS INCIDENT

THE QUESTIONS BELOW WILL HELP YOU TO REVIEW THE INCIDENT CASE STUDY EITHER INDIVIDUALLY OR IN SMALL GROUPS. IF POSSIBLE, DISCUSS YOUR CONCLUSIONS WITH OTHERS, AS THIS IS A GOOD WAY OF THINKING ABOUT THE ISSUES IN MORE DEPTH.

Please use the information provided in the case study together with your own experiences and thoughts, to reflect on the incident and how the issues identified might relate to your own situation.

WHAT DO YOU THINK WAS THE IMMEDIATE CAUSE OF THE INCIDENT?

WHAT OTHER FACTORS DO YOU THINK CONTRIBUTED TO THE INCIDENT?

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WHAT DO YOU THINK WERE THE BARRIERS THAT SHOULD HAVE PREVENTED THIS INCIDENT?

WHY DO YOU THINK THESE BARRIERS MIGHT NOT HAVE BEEN EFFECTIVE ON THIS OCCASION?

WHAT PROCEDURES ARE AVAILABLE FOR HANDLING CHEMICALS, SUCH AS CAUSTIC SODA, ON YOUR SHIP? DO THESE IDENTIFY THE PROPER PPE TO BE WORN? IS THIS PPE AVAILABLE ON YOUR SHIP?

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BESIDES FROM YOUR PROCEDURES, WHAT OTHER DOCUMENTATION SHOULD YOU ALWAYS CONSULT BEFORE USING ANY CHEMICALS? AND WHERE IS THIS DOCUMENTATION LOCATED ON YOUR SHIP?

WHAT INFORMATION DOES A MATERIAL SAFETY DATA SHEET (MSDS) CONTAIN? WHO SHOULD YOU ASK ON YOUR SHIP IF IN DOUBT ABOUT THE CONTENT OF AN MSDS?

HOW DO YOU CHECK THAT YOUR PPE IS CHEMICAL RESISTANT? WHO SHOULD YOU ASK ON YOUR SHIP IF IN DOUBT?

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