

**DEATH OF THIRD ENGINEER DUE TO BURN INJURIES****1**

The questions below are intended to be used to help review the accident case study either individually or in small groups. If possible, a good way of further reflecting on the issues identified is to then present and discuss your findings with others.

Please use the information provided in the case study as well as your own experience and thoughts to reflect on the accident and think about how the issues might relate to your own situation.

**WHAT DO YOU BELIEVE WAS THE IMMEDIATE CAUSE OF THE ACCIDENT?**

**WHAT OTHER FACTORS DO YOU THINK CONTRIBUTED TO THE ACCIDENT?**

**DEATH OF THIRD ENGINEER DUE TO BURN INJURIES****2**

WHAT DO YOU BELIEVE WERE THE BARRIERS THAT SHOULD HAVE PREVENTED THIS ACCIDENT FROM OCCURRING?

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

HOW DO YOU ENSURE THAT THESE BARRIERS ARE EFFECTIVE ON YOUR SHIP?

**DEATH OF THIRD ENGINEER DUE TO BURN INJURIES****3**

DOES YOUR COMPANY REQUIRE YOU TO CONDUCT A TOOLBOX TALK, OR ANOTHER SHORT MEETING TO TALK THROUGH THE JOB INSTRUCTIONS AND RISK ASSESSMENTS. IF SO, WHEN DOES THE TALK TAKE PLACE?

DOES YOUR COMPANY HAVE A STOP WORK AUTHORITY PROGRAM, OR A SIMILAR REQUIREMENT TO STOP WORK IN CASE OF AN UNSAFE CONDITION OR BEHAVIOUR? IF SO, WHO HAS THIS AUTHORITY?

WHAT PRECAUTIONARY MEASURES ARE INCLUDED IN YOUR COMPANY'S PROCEDURE FOR DRAINING AND OPENING TANKS TO ENSURE THAT IT IS CONDUCTED SAFELY?

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