

STORY OF TRANSPORTATION COMPANY

“MV SALENDER”

MV Salender is a worldwide cargo transportation dealing with transportation of different cargo as per market demand where the employee use most of their life time in the vessel as is used to travel for long time.

Most of time this vessel is used to supply various cargo through Dar es salaam sea port to our country which thereafter the goods are transported as cargo to nearby countries like Zambia, Malawi, Mozambique, Rwanda, Burundi, Congo and other countries.

On December, 2021 this vessel arrived in Dar es salaam sea port with mixed goods of various chemicals and other cargo. During offloading it was found that in the vessel there were Sodium Metabisulphate and Ferrous Sulphatemonohydrate. These chemicals are incompatible chemicals which are not to be stored in the same environment due to their nature.

Offloading process was carried out during rainy season which resulted to the chemicals reacting hence resulting to burning of the said cargo where the process of offloading stopped and the vessel shifted to outer encourage.

The vessel stayed for more than a month without solution on what to be done for the burned chemicals either to be returned to the shipper or to be offloaded as burned chemical to customers. After sometime one employee of the said vessel was claimed to damp the said chemical in the sea to save their life.

QUESTION FOR GROUP WORK

Answer the following questions in your group based on the story of the transportation Company MV Salender (Each group works on all questions for (30min))

1. Describe the probability of accident to occur due to the above nature of incidence?
 - i. What caused the incident to occur?
 - ii. What are the results of above incident to the environment?
2. What precautions should be taken on the case of transportation and offloading the cargo.
3. Identify health effect associated with the incidence.
4. What are the proper PPEs to be used in this scene?
5. Describe the proper offloading method in the scene above.
6. Analyze the proper disposal method in the incidence above.