a. Write a hazard description for the image. Use the hazard description methodology described in Section 5.4, including HS, IM, and TTO.

It can be observed in this figure that there is a black chemical storage tank, containing flammable and toxic properties, and it is overflowed and leaking from the top of the tank.

HS: The flammable and toxic chemicals contained in the tank.

IM: The volume of the chemicals exceeds how much the tank could contain, leading to some leakage from the top of the container.

TTO: Pollution to the surrounding. Potential fire hazards. Corrosion on the coverings. Slipping of human due to the reduced friction. Poisonous liquids to wild animals.

b. Create a System Mishap Model mind map similar to those found in Figures 5.1, thru 5.6 in the book. Identify and label the TLMs, TLCs, TLH, SPF, Hazards, and HCP.

图形用户界面, 图示

描述已自动生成