



Emergency Response Exercise Oil Spill, Fire & Medical Emergency

Bojonegara
16 Dec 2010

Program

11.15 am Oil Spill
11.30 am Fire
11.40 am Medical Emergency
12 noon Exercise complete

Organisation

Emergency Leader - Andreas/Herry
Fire Team Leader – Sumarno
Medical Team Leader – Rusdi
Roll Call – Cipto
Communication - Johnny

Key Recommendations

- 1.Exercise to take place 2 X per year. Check with Local Fire Brigade on risk and procedures since the brigade will take 30 mins to arrive.
- 2.Better co-ordination between the emergency leaders and the team leaders. Ie. When ambulance arrived, there should be communication to send Ambulance closer to the victim.
- 3.Install and Commission fire alarm system. Use walkie talkie to help with communication & co-ordination.
- 4.Fire Extinguishers to be available at oil spill and be first to use when there is a fire.
- 5.Improve roll call efficiency and effectiveness.
- 6.HR to follow up with procedures at hospital if a PLI staff is to be admitted.
- 7.Prepare on how the media can be handled.

Oil Spill

Oil Spill Exercise

2 drums of water prepared

1 oil spill kit located between the loading gantries





Personnel responding to spill
Learning:

1. 'Control' spill by capping drums.
2. Avoid walking on spilled oil
3. Put Fire Extinguishers next to spill

Personnel containing spill

Learning:

1. Use large container such as the oil spill kit bin to collect spilt oil.
2. 'Contain' oil by getting 2nd and 3rd spill kit.
3. Place in place second and third set of sausage behind the first.





Emergency leaders check the spread of oil:

Learning:

1. Place sand bags / rocks / soil in drain to stop oil from spreading.
2. Ensure drain gate to outside of plant are shut
3. Put out fire at the incinerator in case the oil

What if heavy rain has flooded the drain?

Fire





Fire Team preparing hydrant

Learning:

1. Fire Extinguishers can be deployed faster to prevent the fire from growing bigger.
2. Just the 1 hydrant was used. A second team to be called on, co-ordinate by Pak Sumarno to use hydrant point at foot of polymer dissolving unit.
3. Area of fire to be cordon off.



Fire Team spraying water on fire Learning:

1. Fire water started 4 mins after the start of the emergency. This could be shortened.
2. Fire water pump was not turned on. They are to be tested and recorded without use of hose. (Ng/Amir)
3. Fire team was not trained to handle hose at full pump pressure.
4. Need to review size of each fire team.

Fire Team spraying water to cool tank. Learning:

1. Need training of Fire Team leader & team on fire fighting tactics specific for PLI.
2. Suggest Andreas, Sumarno, Rusdi to engage local fire brigade on their view of how PLI and they can work together and the training required. The Fire brigade is 30 mins away and PLI team will need to handle the fire during that time.
3. Assess the need for fire team to have more equipment such as coats & hats.



Roll Call



Roll Call by Cipto. Learning:

1. Alarm was not audible.
2. 'Muster point' need to be clear. Suggest painting this word at the back of the Safety Sign
3. Roll call could be done faster. Could be done by department heads and report to Cipto.
4. Roll call for team carrying out medical emergency was not accounted for.



Medical Treatment Emergency



Ambulance arrived from SMI with first aiders

Learning:

Ambulance was parked at the 'Muster point'. Better directions could be given by Emergency Leader to direct Ambulance to nearer the of scene of accident



Medical Team use a stretcher to move injured staff

Learning:

1. Ambulance could be parked closer if better directions was given.
2. Stretcher should be accompanied with a blanket





Medical Team moving victim into ambulance. Learning:

1. Victim to be laid out on ground first and checked by Nurse/First Aid before boarding the ambulance.
2. Prefer parked and treatment area to be under shade.





Ambulance ready to go with victim

Learning:

1. Ambulance driver to be clear of where the hospital is.
2. Map and phone nos are to be available on the dashboard.
3. Hospital is to be informed to prepare for the emergency treatment required...including that payment will be settled.