



TANK FARMS and BULK STORAGE FACILITIES

SAFETY CONCERNS

- o **Only** necessary personnel inside diked area.
- o Possible toxic chemicals involved.
- o Overtaxing of water system.
- o Tank wall collapse - Prevent by cooling.
- o Diked area only big enough for the largest tank, not all tanks and not all cooling water run-off.

PRIORITY ACTIONS

- o If smoke/fire showing, call for greater alarm(s).
- o Establish and announce Command Post Location.
- o Special call for long scene time.
 - Rehab bus
 - Air unit
 - Haz-Mat unit if non-petroleum product involved
- o Assess situation.
 - What is the product involved, what is the quantity?
 - Rescue required?
 - Size of tank and/or spill?
 - Calculate foam required
- o Call for RP if one not on scene.
- o Request MFSAs foam trailer(s) if large amounts of foam are needed.
- o Cool exposures with direct impingement immediately.
- o Extinguish spill fires and valve fires prior to the tank fire.
- o Consider remote, unmanned Master Streams.



FIELD OPERATIONS GUIDE

SPECIAL CONSIDERATIONS

ADDITIONAL RESOURCES

To request the following, the IC or dispatch can contact Merchants Exchange at 503-220-2050. They will contact the liaison at Portland Fire Bureau (503-823-3873) to dispatch Station 3. Merchants' Exchange will also contact tractor company(ies) to bring the trailer(s).

- o MFSA trailers (two) each with 2,200 gallons of foam and foam distribution equipment.
- o PFB Engine 3 personnel are familiar with tank farm fires and the MFSA equipment.
- o Also see the Tank Farm IMS in the Battalion Chief's van for additional foam and other resources and firefighting tactics and strategies.
- o Law Enforcement for evacuation and isolation.
 - Initially a half mile, then extend to one mile for civilians.
- o Tender 21 and/or Tower 26 for trash or float pump to pump out diked area run-off of cooling water.
- o Public Works for bulldozers, sand, etc. to control or redirect run-off or stabilize dikes.