

	FIRE SAFETY	Date:
	TOOLBOX / TAILGATE TALK	Presenter:

Fire Safety

Fire Prevention

"Fire Triangle" identifies three components of any fire:

- ✓ Fuel paper, wood, flammable gas, energised electrical equipment, etc...
- ✓ Energy (heat), sufficient to support combustion. Often refers to as the ignition source.
- ✓ Oxidiser (air)

IF ANYONE OF THESE IS MISSING, A FIRE CANNOT CONTINUE. THEREFORE Prevention is based on eliminating or minimising one of the components of the "Fire Triangle". Other methods include-office/canteen

- ✓ Heat and/or smoke detectors
- ✓ Automatic fire sprinkler systems
- ✓ Kitchen hood systems (canteen)
- ✓ Building code/materials (Flame retardant materials)

On-the-Job

- ✓ Keep flammables away from ignition sources
- ✓ Utilize flammable storage containers
- ✓ Know your chemical properties (check the MSDS for flammable/combustible information)
- ✓ Do not block fire extinguishers with equipment
- ✓ Practice good housekeeping techniques in work areas
- ✓ Inspect wires for possible damage
- ✓ Know the way out from your work area
- ✓ Know location of the closest manual fire alarm station
- ✓ Know location of closest fire extinguisher
- ✓ In the event of a fire in a work area, try to extinguish it if it is small one. If not, dial the emergency number, evacuate the location or pull the manual alarm station.
- ✓ Review the location of muster area in the event of a building evacuation (utilise a check sheet)
- ✓ Conduct quarterly fire drills (including all shifts on a rotating basis)
- ✓ Exits should be clearly marked and all signs lit and unobstructed

Remember to RACE during a fire

- ✓ Rescue – rescue people in immediate danger
- ✓ Alert – yell out "Code Red"/"Fire", pull fire alarm, dial emergency phone number
- ✓ Contain – close all doors and windows
- ✓ Extinguish/Evacuate – extinguish small fires, evacuate people

Remember PASS when using an extinguisher

- ✓ Pull the pin
- ✓ Aim the nozzle
- ✓ Squeeze the handle
- ✓ Sweep side to side at the base of the fire

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