

# **WORKPLACE EMERGENCY PLANS:**

## ***ARE YOU PREPARED?***

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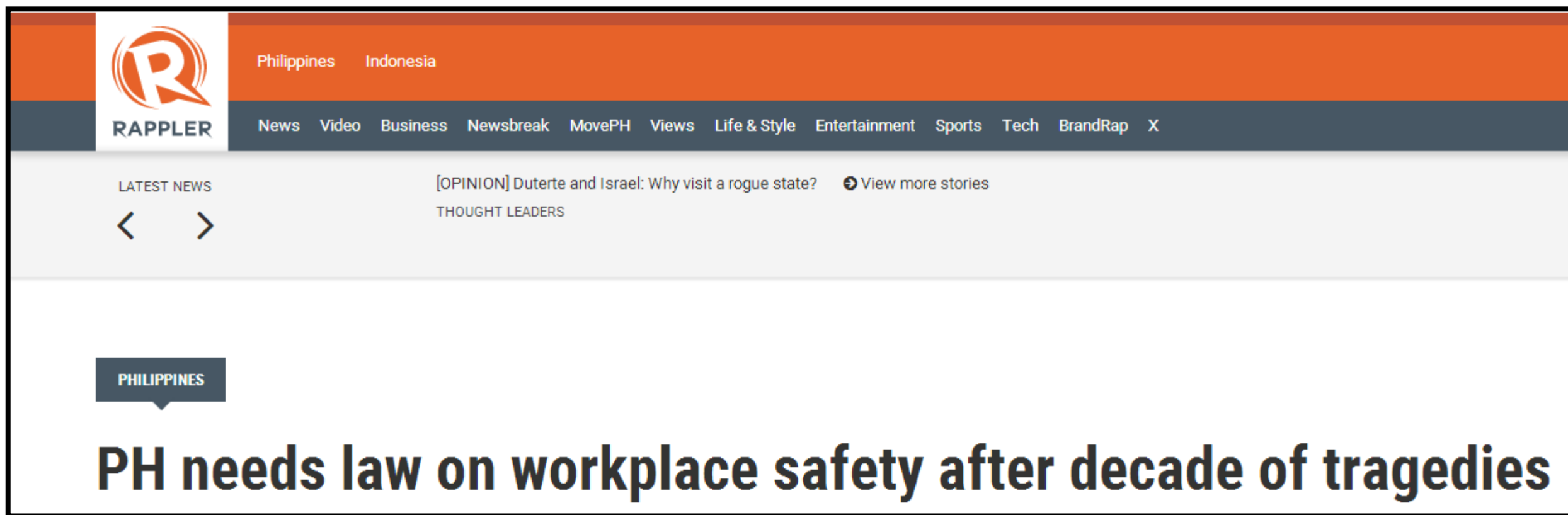
## *Think about all of the failures in health and safety procedures that occurred:*

- **Emergency Equipment:** There were only enough lifeboats to accommodate 1,178 people vs. the actual 2,208 passengers and crew.
- **Training:** The lifeboats were launched under-capacity saving only 705 of those people.
- **Procedures:** The RMS Titanic ignored SIX iceberg warnings before it crashed headfirst into an iceberg at near full speed.
- **Policies:** Contrary to popular belief, the RMS Titanic didn't have too few lifeboats to save room on the deck. They had too few lifeboats because the White Star Line's policies were horribly out of date and didn't require the Titanic to have more lifeboats than that.





Figures from the Department of Labor and Employment (DOLE) show that between January 2014 and October 2016, there have been **199 fatal workplace accidents and 232 non-fatal ones.**



## Other incidents include:

December 2018	<b>38 killed</b> in NCCC Mall fire in Davao
May 2017	Yokohama Tire Philippines factory fire (no casualty)
February 2017	<b>5 employees died</b> , House Technology Industry (HTI) factory fire in Cavite
November 2016	<b>2 children killed, 5 injured</b> in a factory that exploded in Bulacan
May 2015	<b>72 workers killed</b> in the Kentex factory fire in Valenzuela City
July 2015	<b>9 workers buried alive</b> in the collapse of Semirara Mining Corporation's open pit coal mine in Caluya, Antique
July 2012	<b>18 workers died</b> in a fire in a building in Butuan City
January 2011	<b>10 construction workers</b> were killed in a construction site in Makati City after the collapse of a service elevator



# **WORKPLACE EMERGENCY**



**Defined as an unforeseen situation that threatens employees, customers, or the public; disrupts or shuts down operations; or causes physical or environmental damage. This can be natural or man- made.**





# COMMON TYPES OF WORKPLACE EMERGENCIES



**Fires or  
Explosions**



**Medical  
Emergencies**



**Severe  
Weather**



**Earthquakes**



**Major Power  
Failures**



**Hazardous  
Material Spills**





**Workplace Violence**



**Terrorism**





# **WHY PREPARE FOR WORKPLACE EMERGENCIES?**

- **Keep employees and responders free from harm**
- **Manage life- threatening situations**
- **Minimize damage to the environment, equipment, machinery, tools, etc.**
- **Minimize downtime**



# HOW DO YOU PROTECT YOURSELF, THE EMPLOYEES AND YOUR WORKPLACE FROM EMERGENCIES?





# EMERGENCY MANAGEMENT PLAN



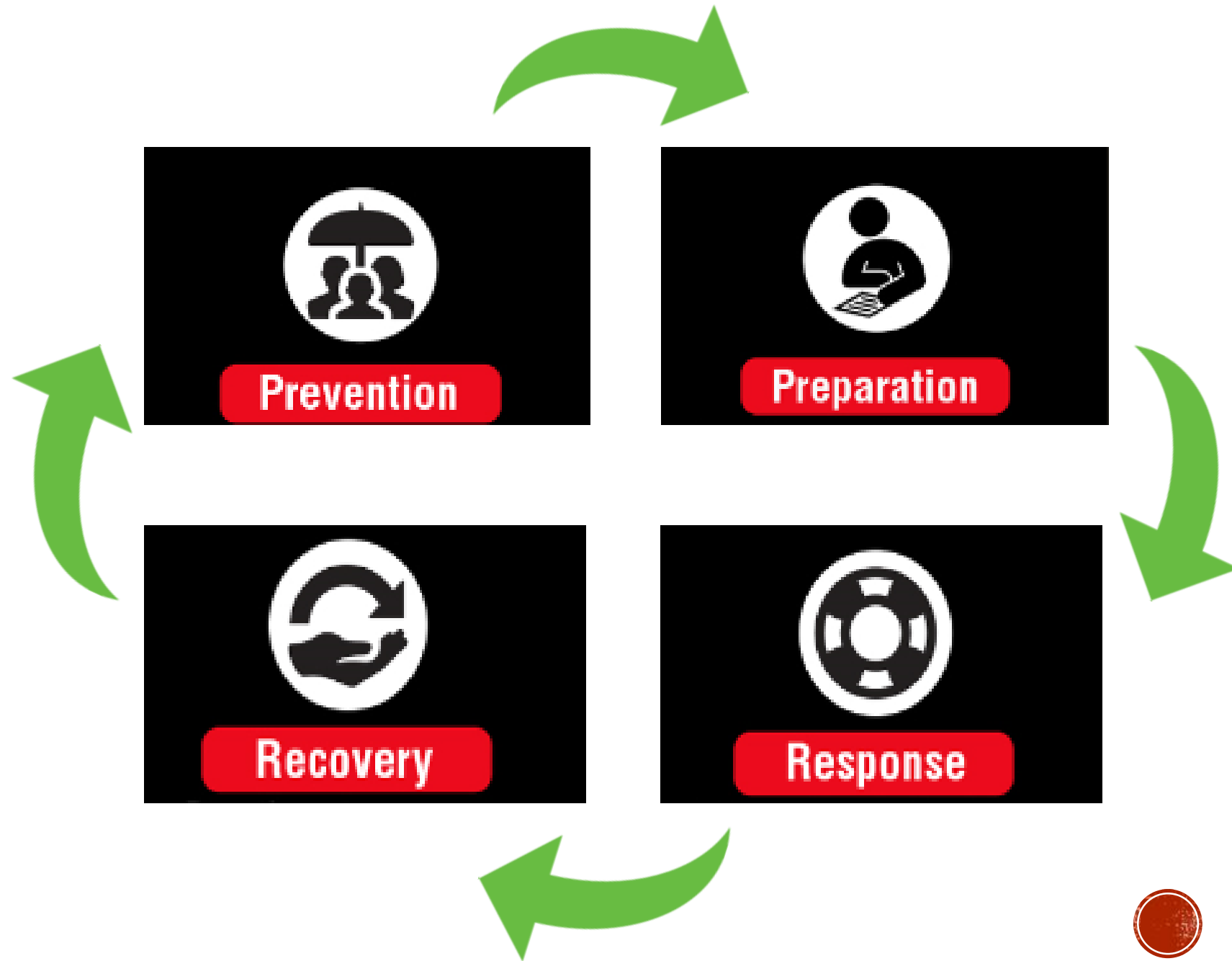
# **EMERGENCY MANAGEMENT PLAN**

- **Covers designated actions employers and employees must take to ensure employees' safety in times of workplace emergencies.**





# **PHASES of an Emergency Management Plan**







**Prevention**

**Includes policies, procedures and activities that prevent an emergency, reduce the chance of an emergency happening, or reduce the damaging effects of unavoidable emergencies.**





**Preparation**

**Activities and procedures to make sure your organization is ready to effectively respond.**





**Response**

**Includes actions taken to save lives and prevent further property damage in an emergency situation. Response is putting your preparedness plans into action.**





**Recovery**

**Includes actions taken to return to a normal or an even safer situation following an emergency.**

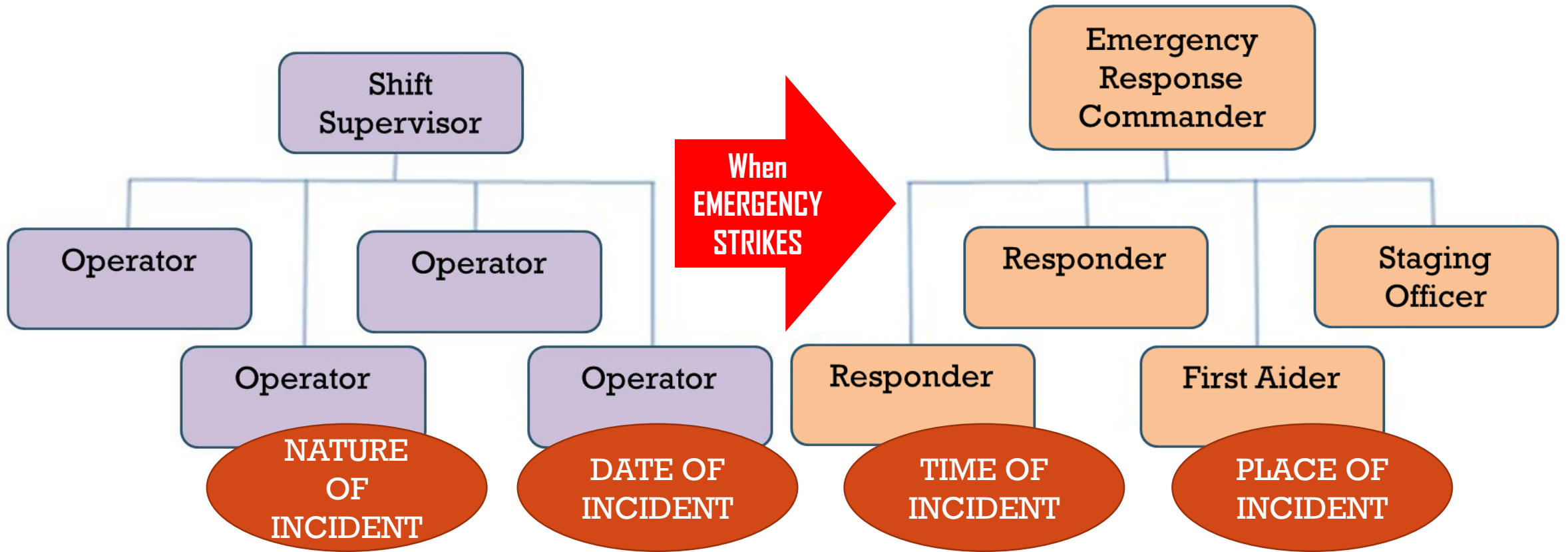


# **WHAT'S IN A WRITTEN EMERGENCY PLAN?**

- **Scope & outline of potential emergencies**
- **Site- specific response procedures**





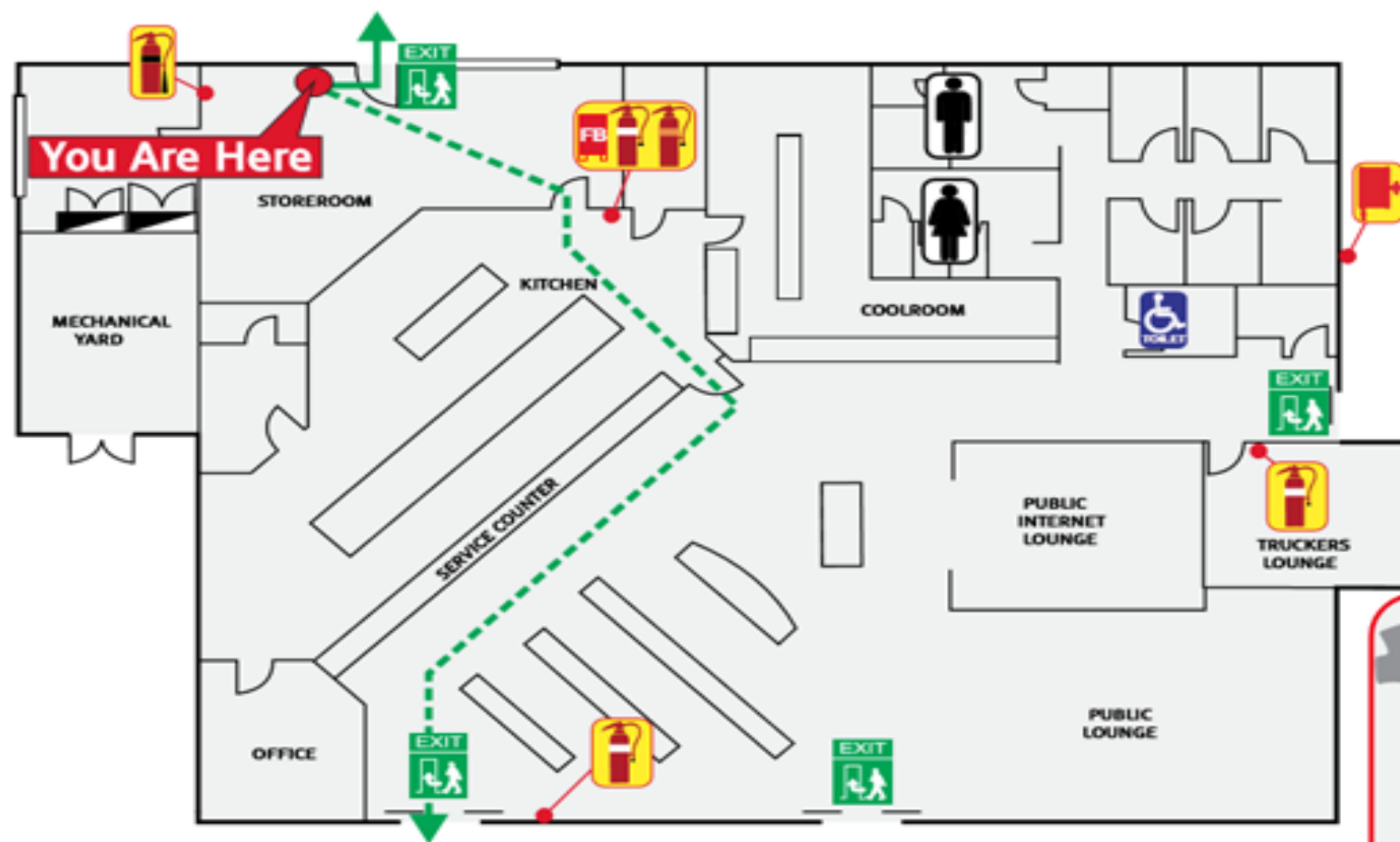


- **Alarms & other methods of initiating a response**





# EVACUATION DIAGRAM



DYNAMICK FIRE INSTALLATIONS Pty Ltd Ph: 1300 TEAM DFI Valid to 05/09/2021 © Rev A Version 1

## LEGEND

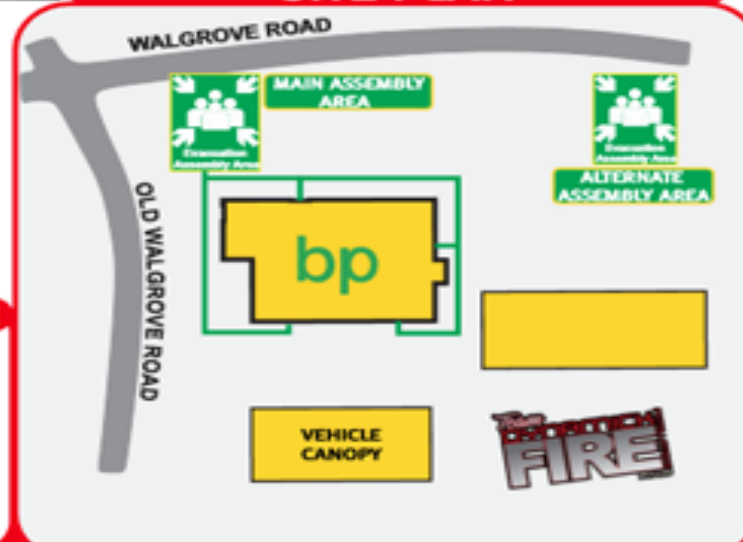


## IN CASE OF A FIRE OR EMERGENCY - Remain CALM

- R** REMOVE PEOPLE..... from immediate danger
- A** ALERT THE FIRE SERVICE..... dial 000
- C** CONFINE FIRE & SMOKE..... close doors and windows (if safe to do so)
- E** EVACUATE..... to the ASSEMBLY AREA

**FOR ALL EMERGENCIES**  
**0000**

## SITE PLAN



- **Shutting down of power**
- **Emergency contact list**
- **Resource list**





# 6 KEY STEPS TO EMERGENCY PLANNING

## STEP 1

**ESTABLISH  
THE  
PLANNING  
TEAM**



Representatives from all departments & levels, with support from management is most effective

## STEP 2

**ASSESS**



Consider the **RISKS & COMPANY CAPABILITIES**

## STEP 3

**DEVELOP**



Make the **EMERGENCY RESPONSE PLAN**

## STEP 4

**IMPLEMENT  
PLAN**



Prepare needed logistics, communicate & train

## STEP 5

**TEST THE  
PLAN**



Hold **DRILLS or SIMULATION Exercises**

## STEP 6

**IMPROVE**



The plan should be improved continuously



**AS EMPLOYEES,  
WHAT IS OUR  
RESPONSIBILITY IN  
WORKPLACE  
EMERGENCY  
PREPAREDNESS?**



# **IT IS IMPORTANT TO KNOW HOW TO:**

- **Identify common type of emergencies**
- **Respond if you encounter a situation**



- **Respond when an emergency alarm is activated**
- **Ask your employer for more information and training about emergency preparedness**





**AS OCCUPATIONAL  
HEALTH NURSES,  
WHAT IS OUR  
RESPONSIBILITY IN  
WORKPLACE  
EMERGENCY  
PREPAREDNESS?**





# **AS OCCUPATIONAL HEALTH NURSE:**

- **Oversee and implement emergency and disaster preparedness programs and planning**
- **Assess likely hazards in and around the workplace**



- **Should be equipped with emergency management knowledge, skills & training**
- **Determine necessary safety measures and other needs during an emergency situation**
- **Abreast with employee's medical data**



# **WHAT HAZARDS MIGHT NURSES FACE ON THE JOB DURING EMERGENCIES?**

- **Exposure to infectious diseases (pathogens)**
- **Exposure to airborne contaminants, such as chemicals or radionuclides**
- **Exposure to contaminated patients or equipment**
- **Physical hazards in the field or at an impacted worksite, such as downed power lines, contaminated or deep flood water, falling tree limbs or structural components**







# HOW TO USE A FIRE EXTINGUISHER

# P A S S



**Pull** the pin  
in the handle



**Aim** the nozzle  
at the base  
of the fire



**Squeeze** the  
lever slowly



**Sweep** from  
side to side













**100- 120 Compressions/ minute**







**RECOGNITION &  
ACTIVATION  
OF THE EMERGENCY  
RESPONSE  
SYSTEM**

**IMMEDIATE  
HIGH- QUALITY  
CPR**

**RAPID  
DEFIBRILLATION**

**BASIC & ADVANCED  
EMERGENCY  
MEDICAL  
SERVICES**

**ADVANCED LIFE  
SUPPORT &  
POST- ARREST  
CARE**







# RAPID TRAUMA ASSESSMENT

## DCAPBTLS

**D**eformity & Discoloration



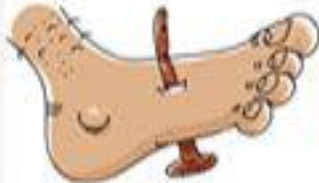
**C**ontusions



**A**brasions



**P**unctures or Penetration



**B**urns



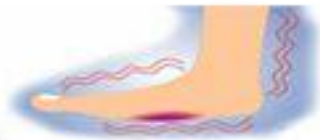
**T**enderness



**L**acerations



**S**welling









**KEEP  
CALM  
AND FOLLOW THE  
EMERGENCY  
RESPONSE  
PLAN**





**ARE YOU  
PREPARED?**



**By failing to prepare,  
you are preparing  
to fail.**

**Benjamin Franklin**







**WORKPLACE EMERGENCY  
READY**

Thank you

