

VIOLET TASK - Student Instructions: Desktop.

"Running a desktop" scenario requires an element of role-playing that is facilitated using a set of predefined rules, objectives and expected outcomes. Work together as a group to resolve the incident.

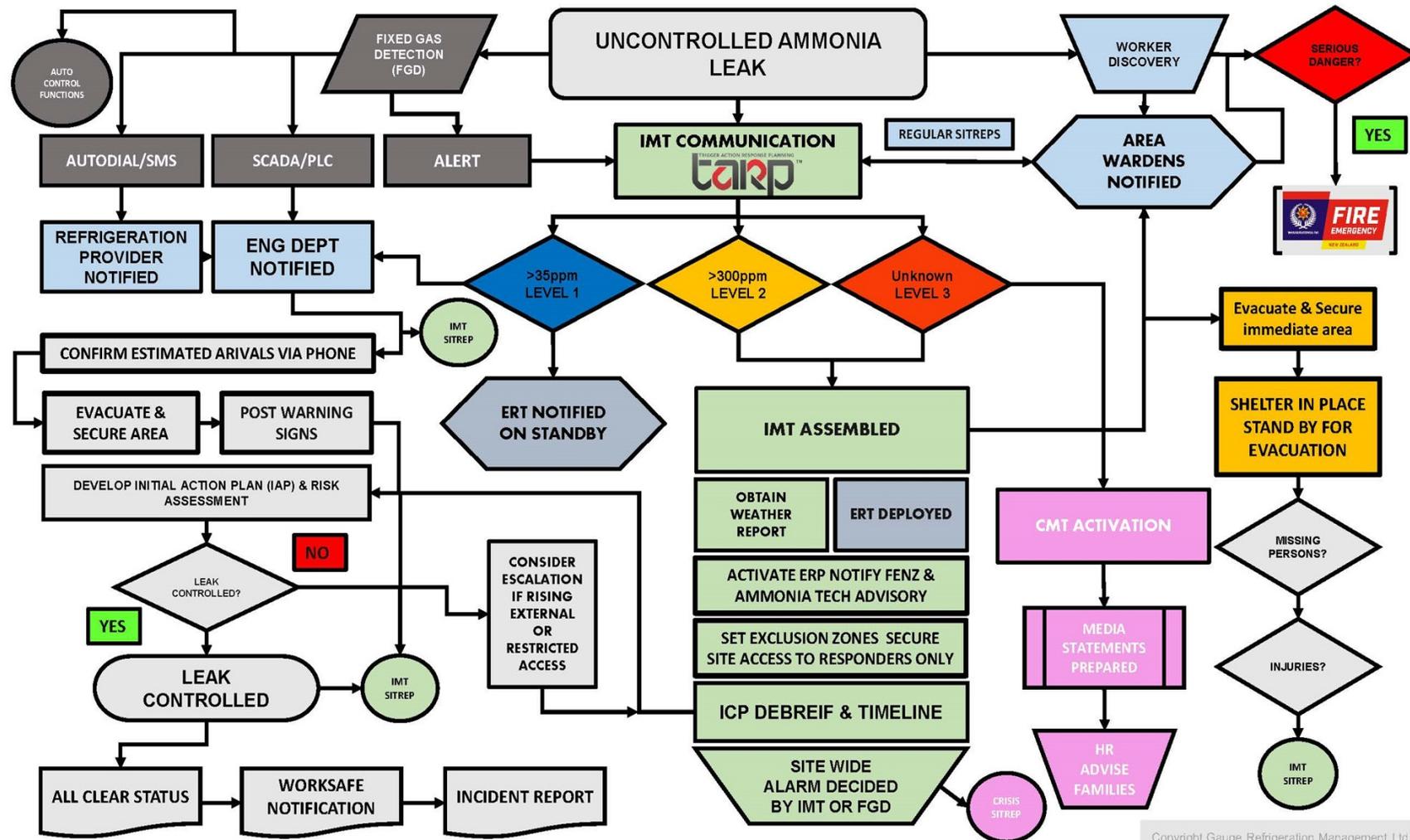
At any stage during the simulation there is an actual emergency. The desktop will be terminated by announcing **EMERGENCY, EMERGENCY, EMERGENCY – THIS IS NOT A DRILL**. The facility ERP will be followed as directed by what event has taken place.

1	Working together with your peers - run a desktop scenario of no more than 30 min under the instruction and facilitation of your trainer. The core objective is to identify the source of the leak and develop an action plan to contain, control &/or to isolate the loss of containment – only if the risk can be managed.
2	The trainer will select an emergency and only the trainer will direct the use of injects that have been selected.
3	Using the information from your drawing and emergency scenario assignment, or as instructed - put together an Initial Action Plan (IAP) Your group may have to take on multiple roles within the emergency. Ensure the safety of all people as a priority.
4	Use the information gathered during the incident to complete a debrief at the termination of the incident.
5	Complete the “Duty and IAP” cards on page

TASK INITIAL PROCEDURE:

Step	ACTION
1	REPORT TO THE INCIDENT CONTROL POINT (FACILITATOR) TO LEARN WHAT HAS OCCURED
2	START A STOPWATCH AND BEGIN RECORDING A TIMELINE OF EVENTS ONCE THE TRAINER HAS ACTIVATED THE EMERGENCY PLAN
2	GATHER ALL AVAILABLE INTELLEGEENCE TO FORMULATE INITIAL ACTION PLAN (IAP) THIS INCLUDES ACCOUNTING FOR WORKERS, WEATHER & PLANT PROCESS VARIABLES,
4	BUILD YOUR INITIAL ACTION PLAN (IAP) AND PREPARE ALL SITE PLANS AND DRAWINGS
5	ONLY ATTEMPT TO CONTROL AMMONIA LEAK UNDER FULL UNDERSTANDING OF CONSEQUENCES TO INTERFERENCE. (QUALIFIED / PROVEN COMPETENT PERSONS)

AMMONIA INCIDENT EVENT TREE:



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INCIDENT DUTY CARD.

INCIDENT DUTY CARD.										
INCIDENT CONDITIONS		LEVEL 1	<input type="checkbox"/>	LEVEL 2	<input type="checkbox"/>	LEVEL 3	<input type="checkbox"/>			
TIME OF ARRIVAL		PLANT RUNNING	<input type="checkbox"/>	LP PRESSURE		HP PRESSURE				
ENGINE ROOM VENTILATION OPERATING		<input type="checkbox"/>	MORE VENTILATION REQUIRED			<input type="checkbox"/>				
LEAK TYPE	VAPOUR	<input type="checkbox"/>	LIQUID	<input type="checkbox"/>	AEROSOL	<input type="checkbox"/>	CONTROLLED	<input type="checkbox"/>		
REFRIGERATION LOAD STATUS		PRODUCTION RUNNING			<input type="checkbox"/>	FANS/PUMPS ONLINE		<input type="checkbox"/>		
POTENTIAL FOR IGNITION		<input type="checkbox"/>			CURRENT CONCENTRATION			PPM		
EMERGENCY SHUTDOWN ACTIVATED		<input type="checkbox"/>			WIND SPEED		DIRECTION			
CAN THE LEAK PRESSURE BE MANAGED		YES	<input type="checkbox"/>		NO	<input type="checkbox"/>	WHY NOT	SEE NOTES		
HAS THE PLANT BEEN DIVIDED		YES	<input type="checkbox"/>		NO	<input type="checkbox"/>	WHY NOT			
CAN THE LEAK BE COVERED										
WATER CURTAINS TO BE CONSIDERED		<input type="checkbox"/>	IS THE RUNOFF CONTAINED TO PREVENT ENVIRONMENTAL DAMAGE						<input type="checkbox"/>	
P&ID AVAILABLE and CURRENT		<input type="checkbox"/>	DRAWING OF LEAK SOURCE DEVELOPED			<input type="checkbox"/>	VALVES FOR ISOLATION IDENTIFIED		<input type="checkbox"/>	
NOTES:										
POST LEAK RECOVERY - CAN THE CONCENTRATION BE REDUCED WITH NEUTRALISATION TECHNIQUES?					CITRIC / ACETIC ACID (3:1) – Slowly!		<input type="checkbox"/>	CO2 (2.5:1)	<input type="checkbox"/>	

Emergency Initial Action Plan (IAP)

Primary Objective: *Identify source - Manage Pressure - Reduce the Impact of the release*

Step.	Strategy (How)	Tactics (Resources)	Tasking (Who)	Risk score

Emergency Timeline

Start time:	
Lapsed time:	Event
+	