

CHLORINE EXPOSURE AND EMERGENCY RESPONSE

CHEMICAL SAFETY | THINK AHEAD. CONTROL THE HAZARD. PROTECT THE CREW.

Today we are discussing chlorine exposure and emergency response. Review the job, identify the specific exposure, and agree on the controls before work begins.

COMMON HAZARDS AND SAFEGUARDS

- Chlorine gas can collect in low areas
- Verify detectors, alarms, and ventilation are operating
- Keep escape respirators available where required
- Approach suspected releases only with an authorized response team
- Move crosswind and uphill during evacuation
- Use emergency showers immediately after liquid contact

THE COMMON-SENSE CHECK

- 1 What can go wrong during chlorine exposure and emergency response?
- 2 Which of today's conditions increases the risk?
- 3 Are isolation, permits, and equipment verified?
- 4 Does everyone understand the controls and limits?
- 5 What will make us stop, withdraw, or raise the alarm?

CONTROL THE EXPOSURE

PLAN

Chlorine gas can collect in low areas

VERIFY

Verify detectors, alarms, and ventilation are operating

CONTROL

Keep escape respirators available where required

RESPOND

Use emergency showers immediately after liquid contact

ASK THE CREW

1. Where could this hazard affect us during today's work?

2. Which control must be verified before we begin?

3. What condition requires us to stop work or evacuate?

DATE: _____

SUPERVISOR: _____

CREW / LOCATION: _____