

SULFUR DIOXIDE EXPOSURE

INDUSTRIAL HYGIENE | THINK AHEAD. CONTROL THE HAZARD. PROTECT THE CREW.

Today we are discussing sulfur dioxide exposure. Review the job, identify the specific exposure, and agree on the controls before work begins.

COMMON HAZARDS AND SAFEGUARDS

- SO2 is highly irritating to eyes and lungs
- Know where releases could occur
- Use direct-reading monitors where required
- Work upwind and maintain clear escape routes
- Use the specified supplied-air respiratory protection
- Report coughing, burning, tightness, or breathing difficulty

THE COMMON-SENSE CHECK

- 1 What can go wrong during sulfur dioxide exposure?
- 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

SO2 is highly irritating to eyes and lungs

VERIFY

Know where releases could occur

CONTROL

Use direct-reading monitors where required

RESPOND

Report coughing, burning, tightness, or breathing difficulty

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: _____