

STEAM-SYSTEM ISOLATION

PROCESS ISOLATION | THINK AHEAD. CONTROL THE HAZARD. PROTECT THE CREW.

Today we are discussing steam-system isolation. Review the job, identify the specific exposure, and agree on the controls before work begins.

COMMON HAZARDS AND SAFEGUARDS

- Treat condensate and trapped steam as stored energy
- Verify valves, drains, vents, and blinds
- Allow equipment to cool before opening
- Wear heat-resistant face, hand, and body protection
- Open drains and vents from a protected position
- Stop for hammering, vibration, heat, or unexpected pressure

THE COMMON-SENSE CHECK

- 1 What can go wrong during steam-system isolation?
- 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

Treat condensate and trapped steam as stored energy

VERIFY

Verify valves, drains, vents, and blinds

CONTROL

Allow equipment to cool before opening

RESPOND

Stop for hammering, vibration, heat, or unexpected pressure

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: _____