

OPENING PROCESS LINES AND EQUIPMENT

LINE BREAKING | THINK AHEAD. CONTROL THE HAZARD. PROTECT THE CREW.

Today we are discussing opening process lines and equipment. Review the job, identify the specific exposure, and agree on the controls before work begins.

COMMON HAZARDS AND SAFEGUARDS

- Confirm contents, pressure, temperature, and isolation
- Drain, vent, purge, and test as required
- Open the lowest-risk connection from a protected position
- Loosen bolts away from the body first
- Use containment and chemical protection
- Stop immediately if the system is not empty or depressurized

THE COMMON-SENSE CHECK

- 1 What can go wrong during opening process lines and equipment?
- 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

Confirm contents, pressure, temperature, and isolation

VERIFY

Drain, vent, purge, and test as required

CONTROL

Open the lowest-risk connection from a protected position

RESPOND

Stop immediately if the system is not empty or depressurized

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: _____