Job Safety Analysis

VAL-0006 — Generated Nov 27, 2026, 9:03 PM CST

OWNER Redpine Midstream	LOCATION Cedar Flats Gas Plant
UNIT Cryo	EQUIPMENT WORKED ON Hand tools and barricades
SERVICE Piping (Insulation)	DATE / CREW SIZE November 28, 2026 — 3 crew

BRIEF DESCRIPTION OF WORK
Piping inside Cryo

WEATHER
72 F, clear

OVERALL RISK SCORE	AI SAFETY GRADE
38/100	**7.4/10**

Crew Roster

HD	Hugo Diaz (Crew Leader)	# VAL-CL-02
IE	Isla Ernst	# VAL-CM-03
JF	Jorge Flores	# VAL-CM-04

Task-by-Task Breakdown

Task 1: Set the barricade and confirm isolation

Identified Risks

- Line of fire at the barricade

Mitigation Steps

Keep the exclusion zone marked

AI Suggested Enhancements

> **[Life-critical]** Stored energy on the isolated line (added to JSA)
> Why it matters: A release can fatally strike anyone in the zone.
> Regulation/Standard: Control of hazardous energy
> Energy Source: Pressure

Work Area Visual Assessment (1 of 1 hazards acknowledged)

Barricaded work area

[MEDIUM] Trip hazard at grate opening — Grate opening inside the barricade. (Work area) — Acknowledged

Team Member Signatures

HD	Hugo Diaz (Lead)	Not yet signed
IE	Isla Ernst	Not yet signed
JF	Jorge Flores	Not yet signed