

UNDERGROUND TRUTH

JOB SAFETY ANALYSIS (JSA) - COMPLETE BEFORE WORK STARTS

1. JOB INFORMATION

Company: _____	Date: _____	Start Time: _____
Project / Job: _____	Location: _____	Weather: _____
Supervisor / Competent Person: _____	Crew Size: _____	Emergency No.: _____

2. WORK PLAN - LIST THE MAJOR STEPS

Step	Work activity	Hazard	Control / safe method
1			
2			
3			
4			

3. HAZARD AND CONTROL CHECK

Hazard	Required control
☐ Traffic / public exposure	☐ Traffic control set; spotter and high-visibility apparel used
☐ Underground utilities	☐ Valid locate ticket; marks verified; pothole / expose before crossing
☐ Excavation / trench	☐ Competent-person inspection; access, spoil setback and protection in place
☐ Equipment / vehicles	☐ Pre-use inspection; seat belt; backup alarm; clear swing and travel area
☐ Struck-by / caught-between	☐ Exclusion zone maintained; no one under loads or between equipment
☐ Electrical / overhead lines	☐ Clearance maintained; lines identified; dedicated spotter if needed
☐ HDD / drilling pressure	☐ Bore plan reviewed; exclusion zone; no hands near rotating or pressurized parts
☐ Weather / heat / cold	☐ Water, breaks, shade or warming measures; symptoms monitored

4. REQUIRED PPE AND FINAL VERIFICATION

PPE: ☐ Hard hat ☐ Safety glasses ☐ High-visibility vest ☐ Gloves ☐ Safety-toe boots ☐ Hearing protection ☐ Other: _____

Before starting: ☐ Crew understands the plan ☐ Utilities confirmed ☐ Equipment inspected ☐ Traffic control ready ☐ Emergency route and meeting point reviewed

5. STOP WORK AND SIGN-OFF

STOP WORK: Any worker may stop work for an unplanned hazard, changed condition, damaged utility mark, unsafe act, or failed control. Correct the issue and update this JSA before restarting.

Supervisor: _____	Signature: _____	Time: _____
Crew member: _____	Signature: _____	Time: _____
Crew member: _____	Signature: _____	Time: _____

Use this JSA as a field planning aid. Follow applicable law, contract requirements, manufacturer instructions, the site safety plan, and the controlling employer's procedures. Revise the JSA when the task, crew, equipment, weather, utilities, or site conditions change.