



Energy Source Mapping Worksheet

Hazardous Energy identification & Control

Purpose of This Worksheet

This worksheet is used to identify, document, and verify all hazardous energy sources associated with a specific machine or piece of equipment. It serves as:

- A foundation for machine -specific LOTO procedures
- A validation tool to ensure no energy source is overlooked
- A reference for training and annual LOTO program reviews

Machine: _____

Energy Type	Energy Source Description	Location/Component	Isolation Device Required	Lockout Device Type	Stored Energy Present	Verification Method
Electrical					<input type="checkbox"/> Yes <input type="checkbox"/> No	
Mechanical					<input type="checkbox"/> Yes <input type="checkbox"/> No	
Pneumatic					<input type="checkbox"/> Yes <input type="checkbox"/> No	
Thermal					<input type="checkbox"/> Yes <input type="checkbox"/> No	
Chemical					<input type="checkbox"/> Yes <input type="checkbox"/> No	
Gravity					<input type="checkbox"/> Yes <input type="checkbox"/> No	
Other					<input type="checkbox"/> Yes <input type="checkbox"/> No	

Add rows as needed to capture all energy sources

Stored/Residual Energy Review

List any stored or residual energy that must be released, restrained, or otherwise controlled.

Energy Source	Type of Energy Stored	Control Method



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Verification Summary

Confirm how zero-energy state will be verified for each energy type

Primary verification methods used (check all that apply)

- Try – Start
- Meter/Test Instrument
- Visual Confirmation
- Pressure Gauge
- Other: _____

Special Notes or Cautions:

Findings & Gaps Identified

Next Steps (check all that apply)

- Create or update machine-specific LOTO procedure
- Add or modify energy-isolating devices
- Update training materials
- Schedule corrective action
- No changes required

Review & Approval

Role	Name	Signature	Date
Authorized Employee			
Supervisor			
Safety/EHS			