

INDUSTRIAL DEMOLITION DECOMMISSIONING CHECKLIST

What It Takes to Shut Down Safely, Efficiently, and by the Book.



1. Define the Scope of Work

- Identify all structures, systems, and materials to be removed or remediated.
- Review historical site data, blueprints, and environmental records.
- Establish clear project goals: full demolition, partial removal, or site preparation for redevelopment.

Melching Tip: A clear scope reduces surprises and change orders later in the process.

2. Conduct Environmental Assessments

- Perform Phase I and Phase II Environmental Site Assessments (ESAs).
- Identify hazardous materials such as asbestos, lead, PCBs, and underground tanks.
- Develop abatement and waste management plans that meet all regulatory standards.

Melching Advantage: Our in-house environmental team manages assessment, abatement, and documentation in full compliance with state and federal regulations.

3. Plan for Utility and System Deactivation

- Locate and isolate all live utilities including electric, gas, water, steam, and communications.
- Coordinate with service providers for safe disconnection.
- Document all system closures and verify isolation before work begins.

Why It Matters: Missed or unidentified utilities are a leading cause of site accidents and costly project delays.

4. Develop a Safety and Compliance Plan

- Establish site-specific health and safety protocols.
- Ensure OSHA, EPA, and state environmental compliance at all stages.
- Train all personnel in safety standards such as HAZWOPER, confined space entry, and fall protection.
- Maintain air monitoring, dust control, and emergency response procedures.

Melching Standard: Safety is the foundation of every project we complete.

5. Manage Salvage, Recycling, and Waste

- Inventory and remove valuable scrap and reusable equipment.
- Segregate waste streams for recycling, including concrete, steel, and wood.
- Track and document every load of waste disposal or recycling.

Melching Difference: We maximize recovery value while maintaining full environmental accountability.

6. Execute Demolition and Site Cleanup

- Perform selective or total demolition.
- Remove underground structures, tanks, and foundations.
- Conduct soil and groundwater cleanup as required.
- Crush, grade, and stabilize the site to prepare for redevelopment.

Melching Capability: With owned equipment and experienced in-house crews, we maintain full control of pace, safety, and quality from start to finish.

7. Verify Completion and Documentation

- Secure final environmental clearance and regulatory sign-offs.
- Provide complete documentation for waste disposal, recycling, and safety compliance.
- Verify the site's readiness for redevelopment or sale.

Melching Value: Detailed documentation and transparency protect your investment and reputation long after the work is complete.

Melching is a certified **Compass** vendor, prequalified to work with major general contractors and industrial clients nationwide.

