

WAC-173-180

FOR ALL OIL FACILITIES IN WASHINGTON STATE



Effective July 7, 2023, **Washington Administrative Code (WAC) 173-180** introduced enhanced oil spill prevention and transfer requirements for Class 1 facilities. These regulations mandate that storage tanks and transfer pipelines constructed before the rule's effective date must implement seismic protection measures within 10 years or by the next scheduled internal API Standard 653 or 570 inspection, respectively, whichever is later.



NORWEST'S EXPERTISE

Norwest Engineering can support guiding your facility through these regulatory changes, including:

- **Compliance Audits:** Assessing your current operations to identify areas already in compliance or needing improvement.
- **Seismic Evaluations & Inspections:** Ensuring your infrastructure meets the latest seismic standards.
- **Engineering Upgrades:** Implementing necessary modifications to achieve compliance.
- **Technical Documentation:** From a technical memo for the department of ecology to the engineering drawings required for compliance.

DON'T DELAY—ACT NOW TO SECURE COMPLIANCE

Contact us to talk about how we can help you meet these recent code changes.



4110 NE 122nd Ave., Suite 207
Portland, Oregon
(503) 254-0110
Info@NorwestEngineering.com
NorwestEngineering.com

DELIVERING QUALITY SOLUTIONS

DESIGN AND ENGINEERING

Civil, structural, mechanical, process, electrical, instrumentation, controls, project management

ASSESSMENTS

Feasibility studies, cost estimating, engineering reviews, sizing and rating of equipment, debottlenecking, vibration studies, seismic analysis, dock inspections

MAINTENANCE & CAPITAL PROJECTS

Scaling our services to the needs of a site or project, multi-year maintenance plans

PROCUREMENT SERVICES

Soliciting bids for and acquiring equipment and subcontractor services

CONSTRUCTION SUPPORT

Construction bidding support, oversight, assurance of specification adherence, subcontractor oversight, safety reviews

REGULATORY COMPLIANCE

Permitting and permitting support, knowledge of codes, regulations, and industry standards

NORWEST ENGINEERING specializes in the design of heavy industry facilities and their systems that enhance operational efficiency. Across a wide variety of industries, our team of experienced professionals collaborates with clients to deliver innovative, practical engineering solutions tailored to facility needs, streamlining processes, and reducing costs. We put boots on the ground from the top down, ensuring that our expertise can optimize your operations and drive success in your facility.



WHY CHOOSE NORWEST ENGINEERING?

- **REGIONAL PRESENCE:** Our technical staff are strategically located throughout the Pacific Northwest, offering localized support.
- **PROVEN TRACK RECORD:** We are actively assisting owner/operators in meeting these new regulatory requirements.
- **STRATEGIC PLANNING:** By identifying necessary upgrades now, we help you stagger the workload, allowing for a strategic, year-over-year budget allocation.



VIEW OUR
PROJECT
PORTFOLIO



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