The safety of our community, employees, and environment is our top priority.

NW Innovation Works (NWIW) facilities will exceed local, state, and federal regulations that address the safety of our employees and surrounding communities.

On-site Fire Station

An extensive fire suppression system, fire brigade, and emergency response vehicles will be at the fire station.

NWIW will work closely with first responders and regulatory agencies to develop contingency plans for potential emergencies.

A risk analysis concluded that the destructive force of a worst-case explosion would not extend outside the facility boundaries.

Low Injury Rates

The risk of injury is low for chemical manufacturing and water transportation in the United States.

The rate of injury and illness cases per 100 full-time workers ranged from 2.0 to 2.4 between 2011 and 2013 (the most recent year reported).

Zero Liquid Discharge (ZLD)

ZLD technology will be used to remove contaminants from the wastewater so it can be reused in the facility, eliminating wastewater discharge into the Columbia River and impacts on aquatic life.

On-site Fire Station

An extensive fire suppression system, fire brigade, and emergency response vehicles will be at the fire station.

Trained emergency responders will be on-site and prepared to respond to plant emergencies, including fires, explosions, and injury.

They will also respond to other incidents, including hazardous materials, leaks, and public safety.

A critical component of our safety plan is ensuring our project site is earthquake ready.

The Kalama facility will be able to withstand a 9.0 earthquake without structural failure.

A core aspect of this design will focus on stabilizing and densifying on-site soils.

The Kalama methanol facility will be the safest and cleanest in the world. It will have instrumented safety systems to monitor all processes and a fire suppression system to maintain a safe workplace.

*Figures and data are approximate.