

<b>REQUIRED TRAINING</b>	<b>Reference</b>	<b>AFFECTED POPULATION</b>	<b>FREQ</b>
New Employee Safety Orientation.	NRS 618.383	All employees/temporary workers upon hire	One time, at hire
Workplace Safety Program	NRS 618.538, 540 DOE P450.4, NV P 450.4A	All employees/temporary workers	Initial and when new programs are instituted
Ergonomic Training , includes back safety	REGULATION PENDING	All employees/temporary workers	Initial and as required to decrease incident rate
Emergency Action and Preparedness	29 CFR 1910.38	All employees/temporary workers	Initial and whenever plans change
Fire Extinguisher Training	29 CFR 1910.157	All employees/temporary workers	Initial, then annually
Emergency Medical Response First aid CPR	29 CFR 1910.151 (a) & (b) AND 1910.151(b)	Designated First Aid Responders and other volunteers (suggested ratio is 2 persons per wing/floor)	renewal 3 year annual
Hazard Communication (hazardous materials health and safety)	29 CFR 1910.1200	All employees/temporary workers who use, handle or store chemicals, reagents or hazardous materials <u>as well as</u> any employee who enters areas where hazardous materials are used <u>or</u> who could be exposed to hazardous materials in an emergency situation (NOTE: The latter situations only need overview training)	Initial and when new chemical hazards are introduced or processing using chemicals change (recommended annually)
OSHA Laboratory Safety (Chemical Hygiene) Training	29 CFR 1910.1450	Conducting of non-routine chemical laboratory processes using hazardous materials (typically applies to laboratories not tied to manufacturing such as research, applications and development operations)	Initial and when new chemical hazards are introduced or processing using chemicals change (recommended annually)
OSHA Carcinogens (Training requirements specific to the OSHA listed carcinogen, can be incorporated into Hazard Communication or Chemical Hygiene training as long as specifics are documented on training form)	29 CFR 1910.1200 + Various citations 29CFR 1010.1001 - 1050	Employees using a listed carcinogen, including those employees working in areas where these materials are in	Initial, then annually or when new carcinogen is used whichever is most freq.
Pesticide Safety (Training requirements specific to safe pesticide use can be incorporated into Hazard Communication or Chemical Hygiene training as long as specifics are documented on training form) [  NOTE: Commercial pesticide applicators require additional training and state registration]	29 CFR 1910.1200 +  40 CFR 171.7	All employees/temporary workers who handle an EPA registered pesticide in the workplace. (NOTE: These include most over the counter products such as Raid products, ant killers, flea killers, etc. Employees should not bring these materials into the workplace. If pests are a problem, contact Facilities to arrange for proper controlled pesticide application.)	Initial and when new pesticide is used;  Initial and every 12-months recertify
Specification for Accident Prevention Signs and Tags	1910.145 ( c)	All employees/temporary workers	Initial and as required
HMTA, Hazardous Materials Transportation Act (HM-181F)	49 CFR 172.704	Employees involved in the process of packing, shipping, manifesting, and transporting of hazardous materials/hazardous wastes	Within 90 days, then every 2 yr.
Hazardous Waste Generator Training	40 CFR 260-265	All employees who generate and/or handle hazardous or extremely hazardous wastes	w/in first 6 mo. & annually
HAZWOPER Training  First responder awareness level  Hazardous Waste Operations level	29 CFR 1910.120 (e) & (q)	Employees who may discover a spill of hazardous materials or expected to respond to spills  Employees working on environmental remediation projects	Initial then annually  40 hr. initial and 8 hr. annual refresher
Washoe and Clark Counties Air Quality Rules (and Permit) Requirements		Employees who use solvents or other air district regulated hazardous materials or equipment. (information on air district requirements, permit	N/A--Currently DIR holds no air permits

		limitations and record keeping requirements)	
Industrial Waste Water Discharge Permit Requirements (City of Reno and Clark County)		All employees/temporary workers who use, handle or store chemicals, reagents or hazardous materials	Annual Reminder of discharge limits
Storm water Awareness Training		Employees who are involved in hazardous material management or transport hazardous materials from outside storage to inside or vice versa	Annual Reminder of storm water protection requirements and discharge prohibition
Energy Control (Lockout/Tagout) Program (may be presented in concert with Electrical Safety)	29 CFR 1910.147	Facilities functions or services on utilities/equipment (authorized employees) and employees who work in areas where Lockout/Tagout may be employed (affected employees)	Initial, when change occurs or if annual inspection of program indicates inadequacies
Electrical Safety Program (may be presented in concert with LOTO)	29 CFR 1910.331-339	Employees who work on or around electrical equipment/ electricity	Initial and as required to maintain competency
Welding, Cutting, Brazing and Torch Soldering	29 CFR 1910.252-255	Employees/temporary workers who perform welding, cutting, brazing, torch soldering	Initial and as required
Confined Space Entry	29 CFR 1910.146	Facilities or other employees who may enter confined spaces	Initial and any time conditions change. (Note: rescue personnel are required to have an annual practical)
Machinery and machine guarding	29 CFR 1910.211-.219	Facilities personnel and operators of machinery	Initial <u>and</u> whenever new equipment
Hand tools	29 CFR 1910.241-249	Employee/temporary workers using tools	Initial <u>and</u> whenever new equipment
Crane/Mechanical Hoist Safety (including slings)	29 CFR 1910.179-.180, .306	Employee/temporary workers using indoor crane, hoists, slings	Initial with recertification every 3 years
Fall Protection	29 CFR 1926.502	Facilities and other personnel who have the potential for fall from roofs, equipment, etc.	Initial and whenever a new process requiring fall protection is introduced to the workplace
Powder-Actuated Tools	1910.242(d)	Employees/temporary workers who use these tools at DRI. Operators must carry a valid operator's card.	initial and as required
Industrial Trucks	29 CFR 1910.178	Use of forklift, reach trunk, pallet jack, hand truck or other powered industrial truck	Initial + driving exam every 3 yrs or more often if near misses or accidents are occurring
Contractor Safety	29 CFR 1910.119 (H)	All employees who bring contractors onto the DRI sites	initial and as required
Bloodborne Pathogens	29 CFR 1910.1030	Handling, use, processing or storage of human blood and blood based materials ( i.e., controls and calibrators, pooled serums, etc.) or potential contact with these materials. Note: Designated first aid responders must also receive this training	Initial, then annually
Radiation Safety	29 CFR 1910.96(1)(2), 10 CFR 19-20 UNR Radioactive Materials License 16-13-0003-07;	Employees with potential exposure to radioactive material	Annual for work under the UNR license;

	10 CFR 835 DOE/NV RadCon Manual NV/YMP Radiation Protection Program, Appendix F, DRI RPP	Employees with potential exposure to radiological hazards on the NTS and other off site locations under the administration of DOE NV	Biennial for work on the NTS
Laser Safety	29 CFR 1910.133, 29 CFR 1926.54, 29 CFR 1926.102, ANSI 136.1, "Safe Use of Lasers."	Employees who work with lasers or in areas where lasers are used	Initial and when new equipment is acquired or new applications are implemented
Personal Protective Equipment	29 CFR 1910.132- 133	Employees/temporary workers who use Personal Protective Equipment (NOTE: Use of a respirator or hearing protection requires additional training and medical evaluations, see below)	initial, when new PPE is required, as needed
Respiratory Protection Program (Note: Requires annual medical clearance)	29 CFR 1910.134	Use of Respirators.	Initial, then annually
Hearing Conservation Program (Note: Requires annual audiogram)	29 CFR 1910.95	Employees exposed to noise at levels $\geq 85$ dBA	Initial, then annually
Department Safety Meetings; ( any applicable) program above or referenced procedure in the Workplace Safety Plan	NAC 618.450	All departments	Initial and whenever a new process

Note: Persons working on DOE funded projects or at another sponsor's work site may have additional training requirements.