

## LEGAL & OTHER REQUIREMENTS SUMMARY

Significant Aspects	Legal / Other Requirement	Regulation
Aboveground Storage Tanks	AST Installation & Storage Requirements	NFPA Code 30 & Code 30A
	Spill Prevention Control & Countermeasure Plan (SPCC)	40 CFR 112
Aerosol Cans	Waste Disposal Guidelines for Aerosol Cans	40 CFR 261.7
Asbestos	ADEM certification & licensing is required for persons conducting: asbestos inspections asbestos abatement project management plans asbestos abatement project design asbestos air sampling	
	Asbestos Worker Protection Measures: For State and local government employees who are performing construction work, custodial work, and automotive brake and clutch repair.	40 CFR Part 763
	Requirements for renovation and demolition projects: notification requirements required work practices	NESHAP, 40 CFR 61.145 (a)
	Requirements for asbestos abatement projects: required work practices	
	Waste disposal requirements for renovation or demolition projects under NESHAP 40 CFR 61.145	NESHAP 40 CFR 61.150
	DOT regulations for transportation of asbestos-containing waste material	49 CFR parts 171 and 172
Ballasts	Waste disposal requirements for non-PCB-containing and PCB-containing ballasts.	TSCA
	PCB Disposal-Manifest requirements	40 CFR 761.205 to 761.215
	Proper PCB Disposal requirements	40 CFR 761.60
	PCB "storage for disposal" requirements	40 CFR 761.65
	PCB Record-keeping requirements	40 CFR 761
Batteries	Universal Waste Requirements	
Bio-Hazardous Materials	Requirements for proper management of infectious waste: Packaging requirements Record-keeping requirements Transportation requirements	

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	Transporter licensing	
	Annual training requirements for employees with occupational exposure to blood borne pathogens.	29 CFR 1910.1030 (e)(5) and (g)(2)
Boilers	Air emission limitation from boilers	AU Title V Synthetic Minor Operating Permit (SMOP)
Chemicals	Community-Right-To-Know requirements	EPCRA, 40 CFR 355 to 372
	NFPA Requirements for Storage of Hazardous Materials:  NFPA-45, 7-2.1.2 - Safe storage facilities shall be provided for materials having unique physical or hazardous properties, such as temperature sensitive, water reactivity, or explosibility.  NFPA-45, 7-2.3.4 - Incompatible materials shall be segregated to prevent accidental contact with one another.  NFPA-45, 7-2.3.5 - Containers of materials that may become hazardous upon prolonged storage shall be dated when first opened. At the end of six months, the material shall be evaluated or tested for continued safe use. Material found to be safe or that can be treated to make it safe shall be permitted to be re-dated and retained for an additional six month period. All other material shall be discarded.	NFPA-45, 7-2.1.2 NFPA-45, 7-2.3.4 NFPA-45, 7-2.3.5
	Spill Prevention Control & Countermeasure (SPCC) Plan requirements for storage of oil in aboveground storage tanks	40 CFR 112
	DOT Transportation Requirements	49 CFR 100-199 (Parts 171-179)
Compressed Gas Cylinders (CGC)	DOT regulations for highway transportation of hazardous materials	49 CFR Parts 171-173 & 177
	Requirements for shipping and packaging compressed gas cylinders.	49 CFR 173

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	Compressed Gas Association (CGA) pamphlets that are incorporated into the regulations by reference	CGA Pamphlet C-6: Standards for Visual Inspection of Compressed Gas Cylinders  CGA Pamphlet C-7: A Guide for the Preparation of Precautionary Markings for Compressed Gas Containers
Expired Chemicals	AU procedures for handling expired chemicals	NA
Explosives	Explosive Storage Requirements	40 CFR 264.1200 to 264.1202, or 265.1200 to 265.1202
	Community-Right-To-Know reporting requirements	EPCRA, 40 CFR 355 to 372 RSMo 292.600 to 292.625
Fluorescent Bulbs	Universal Waste Requirements	
Gifts	UMR procedures for gifts	NA
Lead	ADEM Training / Licensing Requirements for: <ul style="list-style-type: none"> <li>• Lead inspectors</li> <li>• Lead abatement workers</li> <li>• Lead abatement contractors/supervisors</li> </ul>	
	Disclosure Requirements for Lead-Based Paint in Housing	
Mercury	Hazardous waste determination requirements	
	Hazardous waste management requirements	
Ozone-Depleting Substances	Licensing Requirements for CFCs	40 CFR 82
Pesticides, Herbicides, and Fungicides	Facilities that use pesticides in their operations must comply with FIFRA regulations in the area of worker protection.	40 CFR 170, 171, & 156
	Training Requirements: FIFRA requires training be given to employees who handle pesticides The training must be given by a “certified trainer”	40 CFR 170.230
	Pesticide Applicator Rules	

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Controlled Substance Pharmaceuticals	Reverse distributors for destruction or returned to manufacturer.	FDA, USCode Title 21 Section 812.
Pharmaceuticals	Bio-hazardous waste requirements	40CFR Part 261,Subpart C &D
Radioactive Material/Waste	Radioactive materials licence	
Septic Systems	County requirements for on-site sewage disposal systems (applies to septic systems located at the experimental mine and KUMR transmitter)	
	Requirements for construction, operation, major modification or major repair to an on-site sewage disposal system.	
Spills	Requirements for accidental releases of hazardous substances in excess of reportable quantities.	CERCLA 40 CFR 302
Surplus Material	AU requirements for surplus materials.	NA
Underground Storage Tanks (Heating Oil)	Heating oil tanks are exempt from EPA & ADEM regulation, unless a release is detected during the removal of a tank.	40 CFR 280  AU HSWA PERMIT
Used Oil	Used Oil Storage Requirements	
	Used Oil Disposal Requirements	
	Used Oil Transporter Requirements	
Wash Water	Requirements for discharges to local POTW	
	Requirements for storm water discharges	40 CFR 122
Air emissions from the boilers and equipment listed on SMOP	Air emission limitations, monitoring, record keeping and reporting requirements	AU Title V Synthetic Minor Operating Permit (SMOP)
Hazardous Waste Management-Campus-Wide	Determining Generator Status	
	Requirements for storage in satellite accumulation areas on campus	
	EPA/OSHA Personnel Training Requirements-Hazardous Waste Operations and Emergency Response (HAZWOPER)	40 CFR 311 29 CFR 1910.120 (e)
	Satellite Accumulation Area Requirements	40 CFR 262.34
	Transporter Requirements Manifests	

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	Licensing Record-keeping Emergency Response Hazardous Waste Management Facility Permit Requirements (See below)	
Remedial Sites	HSWA Permit	
Discharges to POTW	Requirements for discharges to public sewer system: Permits required for new connections Toxic discharges to POTW are prohibited Discharges to POTW must meet pretreatment standards Notification requirements apply for discharges of hazardous waste	
	Requirements for industrial wastewater discharges to waters of the state (this could apply to large-scale research projects, depending on the activity):	
Storm Water Discharges	NPDES Storm water discharge requirements:	40 CFR 122
	NPDES storm water permit requirements: Sampling (at intervals specified in the permit) Analysis of samples collected (for parameters specified in the permit) Reporting requirements (at intervals specified in the permit) Re-sampling and analysis (if non-compliance reported)	
Drinking Water/ Well Installation & Maintenance	State requirements for installation of new private water supplies: Wells must be installed by a state certified well installer. Wells must be registered with ADEM upon installation Wells should be sampled periodically to ensure safe drinking water standards are met.	
	State requirements for abandoned wells (private water supply wells and monitoring wells taken out of service). Regulation require abandoned wells be properly closed to protect against groundwater contamination. A certified well installer must perform the closure.	