SOP WAREHOUSESOP

FREE PRINTABLE CHECKLIST

Hazmat Loading and Segregation Checklist

Regulation: 49 CFR 177.834(a)

FACILITY	AREA OR EQUIPMENT ID	DATE	SHIFT
INSPECTED BY (PRINT)		SIGNATURE	

1. Procedure checks

Tick each step as it is done, in this order.

DONE	CHECK	NOTES
☐	Trailer restrained and handbrake set before any hazmat goes on	
☐	No smoking, no flame near Class 1, 3, 4, 5, or 2.1 loading	
☐	Arrows up: load marked packages upright and keep them that way	
☐	Check the segregation table before mixing classes in one trailer	
☐	X pair: never together. O pair: apart so leaks cannot mix	
☐	Damaged or leaking package? Do not load it; start the spill SOP	
☐	Block and brace so no package can shift before the doors close	
☐	Verify the load against the shipping papers, then seal	

2. Compliance checks

Tick each item that is in place. The citation after an item is the paragraph that requires it.

DONE	CHECK	NOTES
☐	The vehicle handbrake is securely set before any hazardous material is loaded or unloaded **49 CFR 177.834(e)**	
☐	No smoking occurs on or about the vehicle while Class 1, Class 3, Class 4, Class 5, or Division 2.1 materials are loaded or unloaded, and fire is kept away from the load **49 CFR 177.834(c)**	
☐	Packages bearing orientation markings are loaded in accordance with the markings and remain in that position **49 CFR 177.834(b)**	
☐	Liquid hazmat combination packages are closures upward with orientation arrows on two opposite vertical sides pointing up **49 CFR 172.312(a)**	
☐	Every hazmat package is secured against shifting so there is no relative motion between packages in transit **49 CFR 177.834(a)**	
☐	Every class pair on a mixed load is checked against the segregation table before the trailer closes: no X pairs on board, and every O pair separated so leakage could not commingle the materials **49 CFR 177.848(d)**	

☐	The specific prohibitions are enforced: no cyanides with acids that could generate hydrogen cyanide, no Division 4.2 with Class 8 liquids, and no Division 6.1 PG I Hazard Zone A with Class 3, Class 8, or Division 4.1, 4.2, 4.3, 5.1, or 5.2 materials **49 CFR 177.848(c)**	
☐	Class 8 corrosive liquids are not loaded above or adjacent to Class 4 or Class 5 materials, and the truckload exception is used only with the hazmat compliance owner's documented approval **49 CFR 177.848(e)**	
☐	No Class 1 explosive mixed load is built without a compatibility group ruling under the Class 1 table **49 CFR 177.848(f)**	
☐	The load is verified against the shipping papers before the trailer closes, and the shipper certification is signed by the authorized title **49 CFR 173.22(a)**	
☐	In-transit duties, including attendance and timely movement of the shipment, are carried by the carrier under part 177 and are not assumed by facility associates **49 CFR 177.800**	
☐	Damaged or leaking packages are rejected before loading, handled under the facility spill response SOP, and never loaded	

WARNINGS

An X on the segregation table means never in the same trailer; there is no dock workaround

Never load a leaking package or lift it with powered equipment; isolate it and call

Never lay a package with orientation arrows on its side to make it fit

SUPERVISOR REVIEW

REVIEWED BY (SUPERVISOR)	SIGNATURE	DATE