

DSMS Hazardous Materials (HM) Compliance BASIC Violations

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight	
171.2(a)	Failure to comply with HM regulations	HM Other	2	
171.2(b)	Failure to comply with the requirements for HM transportation (including labeling and handling)	HM Other	2	
171.2(d)	Accepting HM without registering with PHMSA	Documentation - HM	3	
171.2(f)	Transporting HM not in accordance with this part	Fraudulent Behavior	5	
171.2(k)	Representing vehicle with HM, none present	Fraudulent Behavior	5	
172.504(a)	Vehicle not placarded as required	Markings - HM	5	
172.506(a)(1)	Placards not affixed to vehicle	Markings - HM	5	
172.516(a)	Placard not visible from direction it faces	Markings - HM	5	
172.516(c)(1)	Placard not securely affixed or attached	Markings - HM	5	

172.516(c)(2)	Placard not clear of appurtenance	Markings - HM	5	
172.516(c)(4)	Placard improper location	Markings - HM	5	
172.516(c)(5)	Placard not reading horizontally	Markings - HM	5	
172.516(c)(6)	Placard damaged, deteriorated, or obscured	Markings - HM	5	
172.516(c)(7)	Placard not on contrasting background or border	Markings - HM	5	
172.600(c)	Emergency Response (ER) information not available	Documentation - HM	3	
172.602(a)	Emergency response information missing	Documentation - HM	3	
172.602(b)	Form and manner of emergency response information	Documentation - HM	3	
172.602(c)(1)	Maintenance/accessibility of emergency response information	Documentation - HM	3	
173.24(b)(1)	Release of HM from package	Load Securement	10	
173.25(c)	Failure to label and package poison properly, when transported with edible material	Markings - HM	5	

173.30	Loading/ unloading transport vehicles	Cargo Protection - HM	4	
173.33(a)	Cargo tank general requirements	Cargo Protection - HM	4	
173.33(b)	HM in cargo tank which had dangerous reaction with cargo tank	Cargo Protection - HM	4	
173.35(a)	Intermediate bulk container requirements	Package Integrity - HM	8	
173.35(f)(2)	Intermediate bulk container (IBC) not secured to or within vehicle	Load Securement	10	
173.315(j)(3)	Residential gas tank not secure in transport	Fire Hazard - HM	6	
173.427(a)(iv)	No instructions for exclusive use packaging—low specific activity	Cargo Protection - HM	4	
173.427(a)(vi)	Exclusive use low specific activity (LSA) radioactive material not marked "Radioactive-LSA"	Markings - HM	5	
173.427(a)(6)(iv)	No instructions for exclusive use packaging—low specific activity	Cargo Protection - HM	4	
173.427(a)(6)(vi)	Exclusive use low specific activity (LSA) radioactive	Markings - HM	5	

	material not marked "Radioactive-LSA"			
173.427(d)	Not packaged in accordance with 10 CFR, part 71	Cargo Protection - HM	4	
177.801	Accepting/transporting HM not prepared properly	HM Other	2	
177.817(a)	No shipping papers (carrier)	Documentation - HM	3	
177.817(e)	Shipping paper accessibility	Documentation - HM	3	
177.834(a)	Package not secure in vehicle	Load Securement	10	
177.834(c)	Smoking while loading or unloading	Fire Hazard - HM	6	
177.834(f)	Using a tool likely to cause damage to the closure of any package or container	Load Securement	10	
177.834(i)	Attendance of cargo tank— (load or unload)	Cargo Protection - HM	4	
177.834(j)	Manholes and valves not closed or leak free	Cargo Protection - HM	4	
177.835(a)	Loading/Unloading Class 1 with engine running	Fire Hazard - HM	6	

177.835(j)	Transfer of Class 1 materials en route	Fire Hazard - HM	6	
177.838	Improper transport of class 4, 5 or division 4.2	Fire Hazard - HM	6	
177.840	Improper transport of class 2	Fire Hazard - HM	6	
177.840(g)	Discharge valve not closed in transit class 2	Cargo Protection - HM	4	
177.840(o)	Fail to test off-truck remote shutoff device	Cargo Protection - HM	4	
177.840(s)	Fail to possess remote shutoff when unloading	Cargo Protection - HM	4	
177.841(e)	Poison label loaded with foodstuffs	HM Other	2	
177.842(d)	Blocking and bracing of radioactive material packages	HM Other	2	
178.337-8(a)(4)(i)	Remote closure device greater than 3500 gallons MC331	Package Integrity - HM	8	
178.337-8(a)(4)(ii)	Remote closure device less than 3500 gallons MC331	Package Integrity - HM	8	
178.337-11(b)	Shut off valves MC331	Package Integrity - HM	8	

178.338-11(b)	Manual shutoff valve MC338	Package Integrity - HM	8	
178.341-5(a)(2)	MC306 remote control shutoff	Package Integrity - HM	8	
178.342-3	MC307 manhole closure	Package Integrity - HM	8	
178.342-5(a)(2)	MC307 remote control shutoff	Package Integrity - HM	8	
178.345-11(b)(1)	DOT406/407/412 remote control	Package Integrity - HM	8	
178.345-11(b)(1)(i)	DOT406/407/412 remote control	Package Integrity - HM	8	
385.403	No HM Safety Permit	Documentation - HM	3	
392.9	Failing to secure load	Load Securement	10	
392.9(a)	Failing to secure load	Load Securement	10	
392.9(a)(1)	Failing to secure cargo/§§ 393.100-393.136	Load Securement	10	
392.9(a)(2)	Failing to secure vehicle equipment	Load Securement	10	
392.9(a)(3)	Driver's view/movement is obstructed	Load Securement	10	

392.62(c)(1)	Bus — baggage/freight restricts driver operation	Load Securement	10	
392.62(c)(2)	Bus — Exit(s) obstructed by baggage/freight	Load Securement	10	
392.62(c)(3)	Passengers not protected from falling baggage	Load Securement	10	
392.63	Pushing/towing a loaded bus	Load Securement	10	
393.87	Warning flag required on projecting load	Warning Flags	4	
393.87(a)	Warning flag required on projecting load	Warning Flags	4	
393.87(b)	Improper warning flag placement	Warning Flags	4	
393.100	Failure to prevent cargo shifting	Load Securement	10	
393.100(a)	Failure to prevent cargo shifting	Load Securement	10	
393.100(b)	Leaking/spilling/blowing/falling cargo	Load Securement	10	
393.100(c)	Failure to prevent cargo shifting	Load Securement	10	
393.102(a)	Improper securement system (tiedown assemblies)	Load Securement	10	

393.102(a)(1)	Insufficient means to prevent forward movement	Load Securement	10	
393.102(a)(3)	Insufficient means to prevent lateral movement	Load Securement	10	
393.102(a)(2)	Tiedown assembly with inadequate working load limit	Load Securement	10	
393.102(b)	Insufficient means to prevent vertical movement	Load Securement	10	
393.102(c)	No equivalent means of securement	Load Securement	10	
393.104(a)	Inadequate/damaged securement device/system	Load Securement	10	
393.104(b)	Damaged securement system/tiedowns	Load Securement	10	
393.104(c)	Damaged vehicle structures/anchor points	Load Securement	10	
393.104(d)	Damaged Dunnage/bars/blocking-bracing	Load Securement	10	
393.104(f)(1)	Knotted tiedown	Load Securement	10	
393.104(f)(2)	Use of tiedown with improper repair.	Load Securement	10	
393.104(f)(3)	Loose/unfastened tiedown.	Load	10	

		Securement		
393.104(f)(4)	No edge protection for tiedowns	Load Securement	10	
393.104F4R	No edge protection for tiedowns	Load Securement	10	
393.105(f)(5)	No edge protection for tiedowns	Load Securement	10	
393.106(a)	No/improper front end structure/headerboard	Load Securement	10	
393.106(b)	Cargo not immobilized or secured	Load Securement	10	
393.106(c)(1)	No means to prevent cargo from rolling	Load Securement	10	
393.106(c)(2)	Cargo without direct contact/prevention from shifting	Load Securement	10	
393.106(d)	Insufficient aggregate working load limit	Load Securement	10	
393.110	Failing to meet minimum tiedown requirements (Load Securement	10	
393.110(b)	Insufficient tiedowns; without headerboard/blocking	Load Securement	10	
393.110(c)	Insufficient tiedowns; with headerboard/blocking	Load Securement	10	

393.110(d)	Large/odd-shaped cargo not adequately secured	Load Securement	10	
393.112	Tiedown not adjustable by driver	Load Securement	10	
393.114	No/improper front end structure	Load Securement	10	
393.114(b)(1)	Insufficient height for front-end structure	Load Securement	10	
393.114(b)(2)	Insufficient width for front-end structure	Load Securement	10	
393.114(d)	Front-end structure with large opening(s)	Load Securement	10	
393.116	No/improper securement of logs	Load Securement	10	
393.116(d)(1)	Short; over 1/3 length past structure	Load Securement	10	
393.116(d)(2)	Short, insufficient/no tiedowns	Load Securement	10	
393.116(d)(3)	Short, tiedowns improperly positioned	Load Securement	10	
393.116(d)(4)	Short, no center stakes/high log not secured	Load Securement	10	
393.116(e)	Short, length; improper securement	Load Securement	10	

393.118	No/improper lumber/building materials. securement	Load Securement	10	
393.118(b)	Improper placement of bundles	Load Securement	10	
393.118(d)	Insufficient protection against lateral movement	Load Securement	10	
393.118(d)(3)	Insufficient/improper arrangement of tiedowns	Load Securement	10	
393.120	No/improper securement of metal coils	Load Securement	10	
393.120(b)(1)	Coil/vertical improper securement	Load Securement	10	
393.120(b)(2)	Coils, rows, eyes vertical; improper secure.	Load Securement	10	
393.120(c)(1)	Coil/eye crosswise improper securement	Load Securement	10	
393.120(c)(2)	X-pattern on coil(s) with eyes crosswise	Load Securement	10	
393.120(d)(1)	Coil with eye lengthwise—improper securement	Load Securement	10	
393.120(d)(4)	Coils, rows, eyes length—improper securement.	Load Securement	10	
393.120(e)	No protection against shifting/tipping	Load Securement	10	

393.122	No/improper securement of paper rolls	Load Securement	10	
393.122(b)	Rolls vertical—improper securement	Load Securement	10	
393.122(c)	Rolls vertical /split—improper securement	Load Securement	10	
393.122(d)	Rolls vertical /stacked—improper securement	Load Securement	10	
393.122(e)	Rolls crosswise—improper securement	Load Securement	10	
393.122(f)	Rolls crosswise/stacked load—improperly secured	Load Securement	10	
393.122(g)	Rolls length—improper securement	Load Securement	10	
393.122(h)	Rolls lengthwise/stacked—improper securement	Load Securement	10	
393.122(i)	Improper securement—rolls on flatbed/curb-side	Load Securement	10	
393.124	No/improper securement of concrete pipe	Load Securement	10	
393.124(b)	Insufficient working load limit—concrete pipes	Load Securement	10	
393.124(c)	Improper blocking of concrete pipe	Load Securement	10	

393.124(d)	Improper arrangement of concrete pipe	Load Securement	10	
393.124(e)	Improper securement, up to 45 in. diameter	Load Securement	10	
393.124(f)	Improper securement, greater than 45 inch diameter	Load Securement	10	
393.126	Fail to ensure intermodal container secured	Load Securement	10	
393.126(b)	Damaged/missing tiedown/securement device	Load Securement	10	
393.126(c)(1)	Lower corners not on vehicle/structure	Load Securement	10	
393.126(c)(2)	All corners of chassis not secured	Load Securement	10	
393.126(c)(3)	Front and rear not secured independently	Load Securement	10	
393.126(d)(1)	Empty container not properly positioned	Load Securement	10	
393.126(d)(2)	Empty container, more than 5 foot overhang	Load Securement	10	
393.126(d)(4)	Empty container—not properly secured	Load Securement	10	
393.128	No/improper securement of vehicles	Load Securement	10	

393.128(b)(1)	Vehicle not secured—front and rear	Load Securement	10	
393.128(b)(2)	Tiedown(s) not affixed to mounting points.	Load Securement	10	
393.128(b)(3)	Tiedown(s) not over/around wheels.	Load Securement	10	
393.130	No/improper heavy vehicle/machine securement	Load Securement	10	
393.130(b)	Item not properly prepared for transport	Load Securement	10	
393.130(c)	Improper restraint/securement of item	Load Securement	10	
393.132	No/improper securement of crushed vehicles	Load Securement	10	
393.132(b)	Prohibited use of synthetic webbing.	Load Securement	10	
393.132(c)	Insufficient tiedowns per stack cars	Load Securement	10	
393.132(c)(5)	Insufficient means to retain loose parts	Load Securement	10	
393.134	No/improper securement of roll/hook container	Load Securement	10	
393.134(b)(1)	No blocking against forward movement	Load Securement	10	

393.134(b)(2)	Container not secured to front of vehicle	Load Securement	10	
393.134(b)(3)	Rear of container not properly secured	Load Securement	10	
393.136	No/improper securement of large boulders	Load Securement	10	
393.136(b)	Improper placement/positioning for boulder	Load Securement	10	
393.136(c)(1)	Boulder not secured with chain	Load Securement	10	
393.136(d)	Improper securement—cubic boulder	Load Securement	10	
393.136(e)	Improper securement—non-cubic boulder with base	Load Securement	10	
393.136(f)	Improper securement—non-cubic boulder without base	Load Securement	10	
397.1(a)	Driver/carrier must obey part 397	HM Other	2	
397.1(b)	Failing to require employees to know/obey part 397	HM Other	2	
397.2	Must comply with rules in parts 390-397—transporting HM	HM Other	2	

397.7(a)	Improperly parked explosives vehicle	Fire Hazard - HM	6	
397.7(b)	Improperly parked HM vehicle	Fire Hazard - HM	6	
397.11(a)	HM vehicle operated near open fire	Fire Hazard - HM	6	
397.11(b)	HM vehicle parked within 300 feet of fire	Fire Hazard - HM	6	
397.15	HM vehicle fueling violation	Fire Hazard - HM	6	
397.17	No tire examination on HM vehicle	HM Other	2	
397.19	No instructions/documents when transporting Division 1.1/1.2/1.3 (explosive) materials	Documentation - HM	3	
397.19(c)	Required documents not in possession—explosive materials	Documentation - HM	3	
397.67	HM vehicle routing violation (non-radioactive materials)	HM Route	1	
397.101(b)	Radioactive materials vehicle not on preferred route	HM Route	1	
397.101(d)	No or incomplete route plan—radioactive materials	HM Route	1	

397.101(e)(2)	Driver not in possession of training certificate	HM Route	1	
397.101(e)(3)	Driver not in possession of written route plan	HM Route	1	