

CSMS Cargo-Related BASIC Violations

Section	Violation Description Shown on Roadside Inspection	Group	Weight
392.2W	Size and weight	Other Cargo	7
171.2(a)	Failure to comply with HM regulations	HM Other	1
171.2(b)	Failure to comply with the requirements for HM transportation (including labeling and handling)	HM Other	1
171.2(c)	Representing a package./container for HM not meeting specs	Markings	1
171.2(d)	Accepting HM without registering with PHMSA	Documentation	1
171.2(e)	Failing to perform a function covered by an exemption	Documentation	1
171.2(f)	Transporting HM not in accordance with this part	Fraudulent Behavior	1
171.2(g)	Cargo tank does not comply with HM Regulations	Fraudulent Behavior	1
171.2(h)(2)	Representing a packaging under a false exemption	Fraudulent Behavior	1
171.2(k)	Representing vehicle with HM, none present	Fraudulent Behavior	1
171.3(a)	Transporting hazardous waste not properly prepared for shipment	Cargo Protection	1
171.3(b)(1)	Vehicle, no hazardous waste marking	Markings	1
171.3(b)(2)	Improper/no hazardous waste manifest	Documentation	1
172.205(e)(2)	Hazardous waste manifest not carried on vehicle	Documentation	1
172.205(e)(3)	Failing to provide hazardous waste manifest to designated facility	Documentation	1
172.205(h)	Hazardous waste manifest not as required	Documentation	1
172.300(b)	Carrier failed to mark package	Markings	1
172.301(a)	No proper shipping name and/or ID# marking on non-bulk	Markings	1
172.301(a)(1)	No proper shipping name and/or ID# marking on non-bulk	Markings	1
172.301(a)(3)	No ID number on side/ends of non-bulk package — large quantity of single HM	Markings	1
172.301(b)	No technical name on non-bulk	Documentation	1
172.301(c)	No special permit number on non-bulk package	Documentation	1
172.301(d)	No consignee/consignor on non-bulk	Documentation	1
172.302(a)	No ID number (portable and cargo tank)	Markings	1
172.302(b)	Bulk package marking incorrect size	Markings	1
172.302(c)	No special permit number on bulk package	Documentation	1
172.303(a)	Prohibited HM marking on package	Markings	1
172.304(a)(1)	Package marking not durable, English, or print	Markings	1
172.304(a)(2)	Marking not on sharply contrasting color	Markings	1
172.304(a)(3)	Marking obscured by label or attachments	Markings	1
172.304(a)(4)	Marking not away from other marking	Markings	1
172.310(a)	No gross weight on radioactive materials package greater than 50 KG	Markings	1
172.310(b)	Radioactive materials package not marked "Type A or B"	Markings	1
172.310(d)	Type B, B(U), B(M) package not marked with /radiation symbol	Markings	1
172.312(a)	No package orientation arrows	Cargo Protection	1
172.312(a)(1)	Non-bulk package liquid HM—closures up	Markings	1

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172.312(a)(2)	No package orientation arrows	Cargo Protection	1
172.312(b)	Prohibited use of orientation arrows	Cargo Protection	1
172.313(a)	No "inhalation hazard" on package	Markings	1
172.313(b)	No "poison" on non-bulk plastic package	Markings	1
172.316(a)	"Other regulated material" non-bulk package not marked	Markings	1
172.320(a)	Class 1 package not marked with ex-number	Markings	1
172.322(b)	No marine pollutant marking on bulk packaging	Markings	1
172.324	Non-bulk hazardous substance not marked	Markings	1
172.324(a)	Hazardous substance—no constituent name	Markings	1
172.324(b)	Hazardous substance —no required marking	Markings	1
172.325(a)	Elevated temperature not marked "Hot"	Markings	1
172.325(b)	Improperly marked molten aluminum/sulphur	Markings	1
172.326(b)	No portable tank owner or lessee marking	Markings	1
172.326(c)(1)	No ID number marking on vehicle carrying portable tank	Markings	1
172.326(c)(2)	Shipper failed to provide ID number to carrier	Markings	1
172.328(a)	Shipper failed to provide or affix ID number for cargo tank	Markings	1
172.328(a)(1)	Failing to provide ID number on placard or orange panel	Markings	1
172.328(b)	Cargo tank not marked for class 2	Markings	1
172.328(c)	No quenched and tempered steel (QT)/other than quenched and tempered steel (NQT) marked on cargo tank (MC 330/331)	Markings	1
172.328(d)	Fail to mark manual remote shutoff device	Markings	1
172.330(a)(2)	Tank car tank (non cylinder) not marked as required	Markings	1
172.330(b)	Motor vehicle with tank not marked	Markings	1
172.332	Required ID markings displayed	Markings	1
172.332(a)	Required ID markings displayed	Markings	1
172.334	Prohibited ID number marking	Markings	1
172.334(a)	ID # displayed on Class 7/Class 1/Dangerous/Subsidiary placard	Markings	1
172.334(b)(1)	Displaying wrong ID number on package, container, vehicle	Markings	1
172.334(d)	ID number on van with mixed HM load	Markings	1
172.334(f)	Failing to display orange ID number panel near required placard	Markings	1
172.334(g)	Prohibited ID number marking	Markings	1
172.336(b)	ID numbers not properly displayed	Markings	1
172.336(c)(1)	Failing to display ID numbers on compartment cargo tank in sequence	Markings	1
172.338	Carrier failed to replace missing ID number	Markings	1
172.400(a)	Package/containment not labeled as required	Markings	1
172.400(a)(1)	No HM label on non-bulk package	Markings	1
172.400(a)(2)	No HM label on other bulk package	Markings	1
172.400(a)(3)	No HM label on portable tank	Markings	1
172.400(a)(4)	No HM label on specification 106/110 multi-unit tank car	Markings	1
172.400(a)(5)	No HM label on overpack, freight container, or unit load device	Markings	1
172.401	Prohibited labeling	Markings	1
172.401(a)(1)	Affixing label to a non-HM package or container	Markings	1

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172.401(b)	Marking confused as HM label	Markings	1
172.402(a)	No label for subsidiary hazard	Markings	1
172.402(a)(1)	HM labeling	Markings	1
172.402(b)	Display of class number on label	Markings	1
172.402(c)	No "Cargo Aircraft Only" label	Markings	1
172.402(d)	Subsidiary labeling for radioactive materials	Markings	1
172.402(e)	Subsidiary labeling for class 1 (explosive) materials	Markings	1
172.403(a)	Radioactive material label requirement	Markings	1
172.403(b)	Highest category label required	Markings	1
172.403(e)	Additional warning labels	Markings	1
172.403(f)	Radioactive material package—2 labels on opposite sides	Markings	1
172.403(g)	Failed to label radioactive material properly	Markings	1
172.403(g)(2)	Class 7 label – no activity/activity not in SI units	Markings	1
172.404(a)	Mixed package not properly labeled	Markings	1
172.404(b)	Failed to properly label consolidated package	Markings	1
172.406(a)(1)	Label placement not as required	Markings	1
172.406(a)(1)(i)	Improper label placement	Markings	1
172.406(c)	Multiple label placement not as required	Markings	1
172.406(d)	Label not on contrasting background or no border	Markings	1
172.406(e)	Failed to display duplicate label as required	Markings	1
172.406(e)(4)	Duplicate labeling on tanks <1,000 gallons	Markings	1
172.406(f)	Label obscured by marking or attachment	Markings	1
172.504(a)	Vehicle not placarded as required	Markings	1
172.506(a)(1)	Placards not affixed to vehicle	Markings	1
172.516(a)	Placard not visible from direction it faces	Markings	1
172.516(c)(1)	Placard not securely affixed or attached	Markings	1
172.516(c)(2)	Placard not clear of appurtenance	Markings	1
172.516(c)(3)	Placard not clear of tire dirt	Markings	1
172.516(c)(4)	Placard improper location	Markings	1
172.516(c)(5)	Placard not reading horizontally	Markings	1
172.516(c)(6)	Placard damaged, deteriorated, or obscured	Markings	1
172.516(c)(7)	Placard not on contrasting background or border	Markings	1
172.516(d)	Placard holder obscures placard	Markings	1
172.519(a)(1)	Placard not weatherproof	Markings	1
172.519(b)(4)	Placard with non-spec placard	Markings	1
172.519(d)	Placard with non-spec placard	Markings	1
172.600(c)	Emergency Response (ER) information not available	Documentation	1
172.600(c)(1)	No immediately available emergency response information	Documentation	1
172.600(c)(2)	No emergency response information available to government agent	Documentation	1
172.602(a)	Emergency response information missing	Documentation	1
172.602(b)	Form and manner of emergency response information	Documentation	1
172.602(b)(1)	Failing to have all required emergency response information in English	Documentation	1

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172.602(b)(2)	No emergency response information available away from HM package	Documentation	1
172.602(c)(1)	Maintenance/accessibility of emergency response information	Documentation	1
173.22a(a)	Transporting HM in exempt packages without holding exemption	HM Other	1
173.22a(b)	Transporting HM in exempt packages without holding exemption	Documentation	1
173.24(b)(1)	Release of HM from package	Cargo Protection	1
173.25(c)	Failure to label and package poison properly, when transported with edible material	Markings	1
173.29(a)	Empty package improper transportation	Cargo Protection	1
173.30	Loading/ unloading transport vehicles	Cargo Protection	1
173.315(j)(3)	Residential gas tank not secure in transport	Fire Hazard	2
173.315(j)(4)	Liquefied Petroleum Gas (LPG) storage tank overfilled for transport	Fire Hazard	2
173.315(j)(5)	Gas tank	Fire Hazard	2
173.315(n)	Emergency discharge control equipment	Package Integrity	2
173.315(n)	Emergency discharge control equipment	Package Integrity	2
173.315(n)(3)	No off-truck remote to close internal stop valve on cargo tank truck	Fire Hazard	2
173.32(a)	IM portable tank periodic testing	Package Integrity	2
173.32(g)(1)	Portable tank protrusion	Package Integrity	2
173.32(g)(2)	Improperly fitted pressure relief devices	Package Integrity	2
173.33(a)	Cargo tank general requirements	Cargo Protection	1
173.33(a)(1)	Cargo tank general requirements	Cargo Protection	1
173.33(a)(2)	Two or more HM in a cargo tank resulting in an unsafe condition	Cargo Protection	1
173.33(a)(3)	Specification cargo tank with past due retest/re-inspection date	Cargo Protection	1
173.33(b)	HM in cargo tank which had dangerous reaction with cargo tank	Cargo Protection	1
173.33(b)(1)	HM in cargo tank which had dangerous reaction with cargo tank	Cargo Protection	1
173.33(b)(2)(iv)	HM in cargo tank which may corrode or react with tank material	Cargo Protection	1
173.33(b)(2)(v)	HM in cargo tank prohibited by 173.21 or 173.24	Cargo Protection	1
173.33(c)(2)	Cargo tank not marked with design or maximum allowable working pressure (MAWP)	Cargo Protection	1
173.33(e)	Transporting prohibited liquids in cargo tank piping	Cargo Protection	1
173.33(g)	No remote self-closing valve on 338 discharge opening	Cargo Protection	1
173.35(a)	Intermediate bulk container requirements	Package Integrity	2
173.35(f)(2)	Intermediate bulk container (IBC) not secured to or within vehicle	Load Securement	10
173.421(a)	Transporting limited quantity—radioactive material exceeds 0.5 millirem/hour	Cargo Protection	1
173.427(a)(6)	Exclusive use low specific activity (LSA) radioactive material not marked "Radioactive-LSA"	Markings	1
173.427(a)(6)(iv)	No instructions for exclusive use packaging—low specific activity	Cargo Protection	1
173.427(a)(6)(vi)	Exclusive use low specific activity (LSA) radioactive material not marked "Radioactive-LSA"	Markings	1
173.427(a)(iv)	No instructions for exclusive use packaging—low specific activity	Cargo Protection	1

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173.427(a)(vi)	Exclusive use low specific activity (LSA) radioactive material not marked "Radioactive-LSA"	Markings	1
173.427(b)(5)	Bulk liquid low specific activity radioactive material in no-specification cargo tank	Cargo Protection	1
173.427(d)	Not packaged in accordance with 10 CFR, part 71	Cargo Protection	1
173.441(a)	Exceeding radiation level limitations allowed for transport	Cargo Protection	1
173.448(a)	Radioactive material package not secured/shifting	Load Securement	10
173.448(c)	Transporting package w/radioactive label w/passengers	Other Cargo	7
173.448(g)	Radioactive material overpack consolidation required	Cargo Protection	1
173.54	Forbidden explosives, offering or transporting	Fire Hazard	2
177.801	Accepting/transporting HM not prepared properly	HM Other	1
177.802	Failing to allow inspection of HM shipment	HM Other	1
177.817(a)	No shipping papers (carrier)	Documentation	1
177.817(b)	Shipper certification missing (when required)	Documentation	1
177.817(e)	Shipping paper accessibility	Documentation	1
177.817(e)(1)	Shipping paper accessibility	Documentation	1
177.817(f)	Transporter fails to produce shipping paper in timely manner	Documentation	1
177.823(a)	No placards/markings when required	Markings	1
177.834(a)	Package not secure in vehicle	Load Securement	10
177.834(c)	Smoking while loading or unloading	Fire Hazard	2
177.834(e)	Parking brake not set while loading/unloading	Other Cargo	7
177.834(f)	Using a tool likely to cause damage to the closure of any package or container	Load Securement	10
177.834(h)	Tampering with hazmat while in transit	Cargo Protection	1
177.834(i)	Attendance of cargo tank— (load or unload)	Cargo Protection	1
177.834(i)(2)	Attendance of cargo tank— (load or unload)	Cargo Protection	1
177.834(j)	Manholes and valves not closed or leak free	Cargo Protection	1
177.834(j)(1)	Transporting HM in cargo tank with open covers	Cargo Protection	1
177.834(j)(2)	Transporting Class 3 material in cargo tank w/o without manholes closed and secured	Cargo Protection	1
177.834(l)(1)	Prohibited cargo heaters-class 1	Cargo Protection	1
177.834(l)(2)	Prohibited cargo heaters-class 3 or division 2.1	Cargo Protection	1
177.834(m)(1)	Securing specification 106a or 110a tanks	Cargo Protection	1
177.834(n)	Improper loading—specification 56, 57, IM101 and IM102	Fire Hazard	2
177.835(a)	Loading/Unloading Class 1 with engine running	Fire Hazard	2
177.835(b)	Loading/Unloading Class 1 explosive in unsafe manner	Fire Hazard	2
177.835(c)	Transporting Class 1 in combination vehicles	Fire Hazard	2
177.835(e)	Transporting class 1 explosive in vehicle with sharp projections	Fire Hazard	2
177.835(f)	Transporting Division 1.1-1.3 (explosive) with floor unlined or not tight	Fire Hazard	2
177.835(g)	Transporting detonator or primer with division 1.1 - 1.4, blast agent, detonator cord	Fire Hazard	2
177.835(h)	Transporting. Class 1 explosive in vehicle not covered or tailgate open	Fire Hazard	2

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Section	Violation Description Shown on Roadside Inspection	Group	Weight
177.835(i)	Improper transport of explosives (class 1)	Fire Hazard	2
177.835(j)	Transfer of Class 1 materials en route	Fire Hazard	2
177.837(a)	Failing to stop engine to load/unload class 3	Fire Hazard	2
177.837(c)	Cargo tanks not properly bonded/grounded	Cargo Protection	1
177.837(d)	Improper unloading of combustible liquids	Cargo Protection	1
177.838	Improper transport of class 4, 5 or division 4.2	Fire Hazard	2
177.839(a)	Improper transporting of nitric acid	Cargo Protection	1
177.839(b)	Improper loading of storage batteries	Cargo Protection	1
177.840	Improper transport of class 2	Fire Hazard	2
177.840(a)(1)	Cylinder securement in upright position (4L)	Cargo Protection	1
177.840(g)	Discharge valve not closed in transit class 2	Cargo Protection	1
177.840(l)	No written emergency discharge procedures — compressed gas	Documentation	1
177.840(m)	Unloading liquefied compressed gas with bad piping	Cargo Protection	1
177.840(n)	Not promptly shutting down after unintentional release	Fire Hazard	2
177.840(o)	Fail to test off-truck remote shutoff device	Cargo Protection	1
177.840(p)	Not attending cargo tank unloading liquefied petroleum gas/ammonia — metered service	Cargo Protection	1
177.840(q)	Not attending cargo tank unloading liquefied petroleum gas/ammonia — metered service	Cargo Protection	1
177.840(s)	Fail to possess remote shutoff when unloading	Cargo Protection	1
177.840(t)	Not in arms reach of means to close valve unloading cargo tank without emergency equipment.	Cargo Protection	1
177.841(e)	Poison label loaded with foodstuffs	HM Other	1
177.842(a)	Total transport index exceeds 50— non-exclusive use	HM Other	1
177.842(b)	Distance from package to person—radioactive material	HM Other	1
177.842(d)	Blocking and bracing of radioactive material packages	HM Other	1
177.843(a)	Failing to survey radioactive material vehicle after each use	HM Other	1
177.843(b)	Violation of "radioactive material only" vehicle marking	Markings	1
177.848(d)	Prohibited load/transport/storage combination	Fire Hazard	2
177.848(e)(3)	Prohibited loading combination	Fire Hazard	2
177.848(f)	Class 1 load separation or segregation	HM Other	1
177.854(d)(2)	Damaged container not repaired as required	Cargo Protection	1
177.870(c)	Transporting class 1 explosive in passenger space of vehicle	Other Cargo	7
178.2(a)(2)	Improper packaging	Package Integrity	2
178.2(c)	Package notification	Package Integrity	2
178.245-4	DOT51 integrity and securement	Package Integrity	2
178.245-5	DOT51 valve protection	Package Integrity	2
178.245-6	DOT51 ID plate	Package Integrity	2
178.245-6(a)	DOT51 name plate markings	Package Integrity	2
178.245-6(b)	Tank outlets not marked	Package Integrity	2
178.251	General design/construction DOT 56	Package Integrity	2
178.251-4	DOT 56/57 integrity and securement	Package Integrity	2
178.251-7	DOT 56/57 ID plate	Package Integrity	2
178.251-7(b)	DOT 56/57 spec markings	Package Integrity	2

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178.252	General design/construction DOT 56	Package Integrity	2
178.253	General design/construction DOT 57	Package Integrity	2
178.253-2	DOT 57 manhole	Package Integrity	2
178.255-14	DOT 60 ID plate	Package Integrity	2
178.255-4	DOT 60 manhole	Package Integrity	2
178.255-7	DOT 60 valve protection	Package Integrity	2
178.270-1	IM101/102 general design	Package Integrity	2
178.270-11(d)(1)	IM101/102 pressure relief	Package Integrity	2
178.270-13	IM101/102 testing	Package Integrity	2
178.270-14	IM101/102 spec plate	Package Integrity	2
178.270-4	Structural integrity	Package Integrity	2
178.270-6	IM 101/102 frames	Package Integrity	2
178.270-8	IM101/102 valve protection	Package Integrity	2
178.270-9	IM101/102 manholes	Package Integrity	2
178.3(a)(4)	Improper size letters on markings	Package Integrity	2
178.336-10	Protecting of fittings MC330	Package Integrity	2
178.336-13	Anchoring of tank MC330	Package Integrity	2
178.336-17	Metal ID plate marking MC330	Package Integrity	2
178.336-17(a)	Certification plate MC330	Package Integrity	2
178.336-9(a)	Safety relief devices MC330	Package Integrity	2
178.336-9(c)	Marking of inlets/outlets MC330	Package Integrity	2
178.337-1(d)	Reflective design	Package Integrity	2
178.337-10(a)	Protection of fittings MC331	Package Integrity	2
178.337-10(c)	Rear end protection MC331	Package Integrity	2
178.337-10(d)	Rear end protection MC331	Package Integrity	2
178.337-11(b)	Shut off valves MC331	Package Integrity	2
178.337-13	MC331 supports and anchoring	Package Integrity	2
178.337-17(a)	Metal ID plate missing MC331	Package Integrity	2
178.337-8(a)	Outlets general requirements MC331	Package Integrity	2
178.337-8(a)(2)	Outlets MC331	Package Integrity	2
178.337-8(a)(3)	Internal or back flow valve MC331	Package Integrity	2
178.337-8(a)(4)	Outlets MC331	Package Integrity	2
178.337-8(a)(4)(i)	Remote closure device greater than 3500 gallons MC331	Package Integrity	2
178.337-8(a)(4)(ii)	Remote closure device less than 3500 gallons MC331	Package Integrity	2
178.337-9(a)	Pressure relief devices MC331	Package Integrity	2
178.337-9(c)	Marking inlets/outlets MC331	Package Integrity	2
178.338-10(a)	Protection of fittings MC338	Package Integrity	2
178.338-10(c)	Rear end protection MC338	Package Integrity	2
178.338-10(d)	Ground clearance MC338	Package Integrity	2
178.338-11(b)	Manual shutoff valve MC338	Package Integrity	2
178.338-11(c)	MC338, required remotely controlled self-closing shutoff valve missing	Package Integrity	2
178.338-11(c)(2)	MC338 not equipped with fusible element	Package Integrity	2
178.338-11(c)(2)(i)	Remote control greater than 3500 gallons MC338	Package Integrity	2

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Section	Violation Description Shown on Roadside Inspection	Group	Weight
178.338-11(c)(2)(ii)	Remote control 3500 gallons or less, MC338	Package Integrity	2
178.338-12	Shear section MC338	Package Integrity	2
178.338-13	Supports and anchoring MC338	Package Integrity	2
178.338-18(a)	Name plate/Specification plate missing MC338	Package Integrity	2
178.338-18(b)	Specification plate missing MC338	Package Integrity	2
178.338-6	Manhole MC338	Package Integrity	2
178.338-8	Pressure relief devices MC338	Package Integrity	2
178.340-10(b)	MC306/307/312 metal certification plate missing	Package Integrity	2
178.340-6	MC306/307/312 supports and anchoring	Package Integrity	2
178.340-7(a)	MC306/307/312 ring stiffeners	Package Integrity	2
178.340-7(c)	MC306/307/312 double bulkhead drain	Package Integrity	2
178.340-7(d)(2)	MC306/307/312 ring stiffener drain hole	Package Integrity	2
178.340-8(a)	MC306/307/312 appurtenances attachment	Package Integrity	2
178.340-8(b)	MC306/307/312 rearend protection	Package Integrity	2
178.340-8(c)	MC306/307/312 overturn protection	Package Integrity	2
178.340-8(d)	MC306/307/312 piping protection	Package Integrity	2
178.340-8(d)(1)	MC306/307/312 piping protection	Package Integrity	2
178.340-8(d)(2)	MC306/307/312 minimum road clearance	Package Integrity	2
178.341-3(a)	MC306 no manhole closure	Package Integrity	2
178.341-4	MC306 venting	Package Integrity	2
178.341-4(d)(1)	MC306 inadequate emergency venting	Package Integrity	2
178.341-4(d)(2)	MC306 pressure activated vents	Package Integrity	2
178.341-4(d)(3)	MC306 no fusible venting	Package Integrity	2
178.341-5	MC306 internal valves	Package Integrity	2
178.341-5(a)	MC306 internal valves	Package Integrity	2
178.341-5(a)(1)	MC306 heat actuated safety	Package Integrity	2
178.341-5(a)(2)	MC306 remote control shutoff	Package Integrity	2
178.341-8(d)	MC306 protection shear	Package Integrity	2
178.342-3	MC307 manhole closure	Package Integrity	2
178.342-4	MC307 venting	Package Integrity	2
178.342-4(b)	Inadequate venting capacity	Package Integrity	2
178.342-5(a)	MC307 internal valve	Package Integrity	2
178.342-5(a)(1)	MC307 heat actuated safety	Package Integrity	2
178.342-5(a)(2)	MC307 remote control shutoff	Package Integrity	2
178.343-3	Manhole closure MC312	Package Integrity	2
178.343-4	Venting MC312 (show calculations)	Package Integrity	2
178.343-5(a)	MC312 top outlet and valve	Package Integrity	2
178.343-5(b)(1)	MC312 bottom valve/piping protection	Package Integrity	2
178.345-1(i)(2)	DOT 406, 407, 412 Obstructed double bulkhead drain/vent	Package Integrity	2
178.345-10	DOT406/407/412 pressure relief	Package Integrity	2
178.345-11(b)	DOT406/407/412 tank valves	Package Integrity	2
178.345-11(b)(1)	DOT406/407/412 remote control	Package Integrity	2
178.345-11(b)(1)(i)	DOT406/407/412 remote control	Package Integrity	2
178.345-11(b)(1)(iii)	DOT406/407/412 product-specific thermal missing/ineffective	Package Integrity	2

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Section	Violation Description Shown on Roadside Inspection	Group	Weight
178.345-14(b)	DOT406/407/412 name plate	Package Integrity	2
178.345-14(c)	DOT406/407/412 specification plate	Package Integrity	2
178.345-14(d)	DOT406, 407, 412 single name/specification plate	Package Integrity	2
178.345-5(a)	DOT406/407/412 manhole if required	Package Integrity	2
178.345-5(d)	DOT406/407/412 manhole securement	Package Integrity	2
178.345-5(e)	DOT406/407/412 manhole marking	Package Integrity	2
178.345-6	DOT406/407/412 supports and anchoring	Package Integrity	2
178.345-7(d)(4)	DOT406/407/412 ring stiffener drain	Package Integrity	2
178.345-7(d)(5)	DOT406, 407, 412 ring stiffener types	Package Integrity	2
178.345-8(a)	DOT406/407/412 accident protection	Package Integrity	2
178.345-8(a)(5)	DOT406/407/412 minimum road clearance	Package Integrity	2
178.345-8(b)	DOT406/407/412 bottom damage protection	Package Integrity	2
178.345-8(c)	DOT406/407/412 rollover damage protection	Package Integrity	2
178.345-8(d)	DOT406/407/412 rear end protection	Package Integrity	2
178.703(a)	Intermediate bulk container (IBC) manufacturer markings	Package Integrity	2
178.703(b)	Intermediate bulk container additional markings	Package Integrity	2
178.704(e)	Intermediate bulk container bottom discharge valve protection	Package Integrity	2
180.205(c)	Periodic re-qualification of cylinders	Package Testing	1
180.213(d)	Re-qualification markings	Package Testing	1
180.352(b)	Intermediate bulk container retest or inspection	Package Testing	1
180.352(f)	Intermediate bulk container retest date marking	Package Testing	1
180.405(a)	Unauthorized cargo tank used to transport HM	Package Testing	1
180.405(b)	Cargo tank specifications	Package Testing	1
180.405(g)	Failing to equip a cargo tank w/ manhole assembly	Package Testing	1
180.405(j)	Certification withdrawal (failed to remove/cover/obliterate spec plate)	Package Testing	1
180.407(a)(1)	Cargo tank periodic test and inspection	Package Testing	1
180.407(b)(1)	Using tank not retested after showing evidence of unsafe condition.	Package Testing	1
180.407(b)(2)	Using tank not retested after accident and damage	Package Testing	1
180.407(c)	Failing to periodically test and inspect cargo tank	Package Testing	1
180.415(b)	Cargo tank test or inspection markings	Package Testing	1
180.416(f)(2)	Fail to mark new/repared delivery hose with month/year of pressure test	Package Testing	1
180.605(a)	Periodic testing of portable tanks	Package Testing	1
180.605(c)	Portable tank retest schedule (out of date)	Package Testing	1
180.605(k)	Test date marking	Package Testing	1
385.403	No HM Safety Permit	Documentation	1
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	Other Cargo	7
392.9	Failing to secure load	Load Securement	10
392.9(a)	Failing to secure load	Load Securement	10

CSMS Cargo-Related BASIC Violations

Section	Violation Description Shown on Roadside Inspection	Group	Weight
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	Other Cargo	7
392.9(b)(2)	Inspect cargo within 50 miles of start	Load Securement	10
392.9(b)(3)	Reexamine cargo and load securement devices during transportation	Load Securement	10
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)(1)(i)	Insufficient means to prevent forward movement	Load Securement	10
393.102(a)(1)(ii)	Insufficient means to prevent rearward movement	Load Securement	10
393.102(a)(1)(iii)	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(a)(3)	Insufficient means to prevent lateral movement	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 Securement	10
393.104(f)(4)	No edge protection for tiedowns	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(a)	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

CSMS Cargo-Related BASIC Violations

Section	Violation Description Shown on Roadside Inspection	Group	Weight
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
393.12	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 lengthwise—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 lengthwise—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

CSMS Cargo-Related BASIC Violations

Section	Violation Description Shown on Roadside Inspection	Group	Weight
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 of 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
393.71(b)(3)	Improper weight distribution drive-away/towaway	Other Cargo	7
393.87	Warning flag required on projecting load	Other Cargo	7
393.87(a)	Warning flag required on projecting load	Other Cargo	7
393.87(b)	Improper warning flag placement	Other Cargo	7
397.1(a)	Driver/carrier must obey part 397	HM Other	1
397.1(b)	Failing to require employees to know/obey part 397	HM Other	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
397.11(a)	HM vehicle operated near open fire	Fire Hazard	2
397.11(b)	HM vehicle parked within 300 feet of fire	Fire Hazard	2
397.15	HM vehicle fueling violation	Fire Hazard	2
397.17	No tire examination on HM vehicle	HM Other	1
397.17(a)	Failing to examine tires of HM vehicle at required intervals	HM Other	1
397.17(b)	Operating HM vehicle with flat/leaking/improperly inflated tire	HM Other	1
397.17(c)	Operating HM vehicle with overheated tire	Fire Hazard	2
397.19	No instructions/documents when transporting Division 1.1/1.2/1.3 (explosive) materials	Documentation	1
397.19(c)	Required documents not in possession—explosive materials	Documentation	1
397.2	Must comply with rules in parts 390-397—transporting HM	HM Other	1
397.67	HM vehicle routing violation (non-radioactive materials)	HM Route	1
397.67(d)	Failing to prepare written route plan for explosives	HM Route	1
397.7(a)	Improperly parked explosives vehicle	Fire Hazard	2
397.7(b)	Improperly parked HM vehicle	Fire Hazard	2