

Table 1. CSMS Unsafe Driving BASIC Violations ⁷				
Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight	Violation in the DSMS (Y/N)
177.800(d)	Unnecessary delay in HM transportation to destination	HM Related	1	Y
390.17DT	Operating a CMV while texting	Texting	10	Y
390.20	Failing to properly secure parked vehicle	Other Driver Violations	1	Y
392.2C	Failure to obey traffic control device	Dangerous Driving	5	Y
392.2DH	Headlamps - Failing to dim when required	Misc Violations	3	Y
392.2FC	Following too close	Dangerous Driving	5	Y
392.2LC	Improper lane change	Dangerous Driving	5	Y
392.2LV	Lane Restriction violation	Misc Violations	3	Y
392.2P	Improper passing	Dangerous Driving	5	Y
392.2PK	Unlawfully parking and/or leaving vehicle in the roadway	Other Driver Violations	1	Y
392.2R	Reckless driving	Reckless Driving	10	Y
392.2RR	Railroad Grade Crossing violation	Dangerous Driving	5	Y
392.2S	Speeding	Speeding Related	5	Y
392.2-SLLS1	State/Local Laws - Speeding 1-5 miles per hour over the speed limit	Speeding 1	1	Y
392.2-SLLS2	State/Local Laws - Speeding 6-10 miles per hour over the speed limit	Speeding 2	4	Y
392.2-SLLS3	State/Local Laws - Speeding 11-14 miles per hour over the speed limit	Speeding 3	7	Y
392.2-SLLS4	State/Local Laws - Speeding 15 or more miles per hour over the speed limit	Speeding 4	10	Y

⁷ Violation severity weights reflect the relative importance of each violation within each BASIC. These weights *cannot* be compared or added meaningfully across the BASICs.

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392.2-SLLSWZ	State/Local Laws - Speeding work/construction zone	Speeding 4	10	Y
392.2-SLLT	State/Local Laws - Operating a CMV while texting	Texting	10	Y
392.2T	Improper turns	Dangerous Driving	5	Y
392.2Y	Failure to yield right of way	Dangerous Driving	5	Y
392.6	Scheduling run to necessitate speeding	Speeding Related	5	N
392.10(a)(1)	Failing to stop at railroad crossing—bus	Dangerous Driving	5	Y
392.10(a)(2)	Failing to stop at railroad crossing—chlorine	Dangerous Driving	5	Y
392.10(a)(3)	Failing to stop at railroad crossing—placard	Dangerous Driving	5	Y
392.10(a)(4)	Failing to stop at railroad crossing—HM cargo	Dangerous Driving	5	Y
392.14	Failed to use caution for hazardous condition	Dangerous Driving	5	Y
392.16	Failing to use seat belt while operating CMV	Seat Belt	7	Y
392.22(a)	Failing to use hazard warning flashers	Other Driver Violations	1	Y
392.60(a)	Unauthorized passenger on board CMV	Other Driver Violations	1	Y
392.62	Unsafe bus operations	Other Driver Violations	1	Y
392.62(a)	Bus—Standees forward of the standee line	Other Driver Violations	1	Y
392.71(a)	Using or equipping a CMV with radar detector	Speeding Related	5	Y
397.3	State/local laws ordinances regulations	HM Related	1	Y
397.13	Smoking within 25 feet of HM vehicle	HM Related	1	Y
398.4	Driving of vehicle—migrant workers	Other Driver Violations	1	Y

Table 2. CSMS Fatigued Driving (HOS) BASIC Violations ⁸				
Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight ⁹	Violation in the DSMS (Y/N)
392.2H	State/Local Hours of Service (HOS)	Hours	7	Y
392.3	Operating a CMV while ill/fatigued	Jumping OOS/Driving Fatigued	10	Y
395.1(h)(1)	15, 20, 70/80 HOS violations (Alaska-Property)	Hours	7	Y
395.1(h)(2)	15, 20, 70/80 HOS violations (Alaska-Passenger)	Hours	7	Y
395.1(h)(3)	Adverse driving conditions violations (Alaska)	Hours	7	Y
395.1(o)	16 hour rule violation (Property)	Hours	7	Y
395.3(a)(1)	Requiring or permitting driver to drive more than 11 hours	Hours	7	Y
395.3A1R	11 hour rule violation (Property)	Hours	7	Y
395.3(a)(2)	Requiring or permitting driver to drive after 14 hours on duty	Hours	7	Y
395.3A2R	14 hour rule violation (Property)	Hours	7	Y
395.3(b)	60/70- hour rule violation	Hours	7	Y
395.3BR	60/70 hour rule violation (Property)	Hours	7	Y
395.3(c)	34- hour restart violation (Property)	Hours	7	Y
395.5(a)(1)	10- hour rule violation (Passenger)	Hours	7	Y
395.5(a)(2)	15- hour rule violation (Passenger)	Hours	7	Y
395.5(b)	60/70- hour rule violation (Passenger)	Hours	7	Y
395.8	Log violation (general/form and manner)	Other Log/Form & Manner	2	Y

⁸ Violation severity weights reflect the relative importance of each violation within each BASIC. These weights *cannot* be compared or added meaningfully across the BASICS.

⁹ In cases where a violation results in an out-of-service order as defined in 49 CFR 390.5, an additional weight of 2 is added to arrive at a total severity weight for the violation.

Table 2. CSMS Fatigued Driving (HOS) BASIC Violations⁸

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight⁹	Violation in the DSMS (Y/N)
395.8(a)	No drivers record of duty status	Incomplete/ Wrong Log	5	Y
395.8(e)	False report of drivers record of duty status	False Log	7	Y
395.8(f)(1)	Drivers record of duty status not current	Incomplete/ Wrong Log	5	Y
395.8(k)(2)	Driver failing to retain previous 7 days' logs	Incomplete/ Wrong Log	5	Y
395.13(d)	Driving after being declared out-of-service	Jumping OOS/Driving Fatigued	10	Y
395.15(b)	Onboard recording device information requirements not met	EOBR Related	1	Y
395.15(c)	Onboard recording device improper form and manner	EOBR Related	1	Y
395.15(f)	Onboard recording device failure and driver failure to reconstruct duty status	EOBR Related	1	Y
395.15(g)	On-board recording device information not available	EOBR Related	1	Y
395.15(i)(5)	Onboard recording device does not display required information.	EOBR Related	1	N
398.6	Violation of hours of service regulations—migrant workers	Hours	7	Y

Table 3. CSMS Driver Fitness BASIC Violations ¹⁰				
Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight ¹¹	Violation in the DSMS (Y/N)
177.816	Driver training requirements	General Driver Qualification	4	N
383.21	Operating a CMV with more than one driver's license	License-related	8	Y
383.21(a)	Operating a CMV with more than one driver's license [†]	License-related	8	Y
383.23(a)(2)	Operating a CMV without a CDL	License-related	8	Y
383.23(c)	Operating on learner's permit without CDL holder	License-related	8	Y
383.23(c)(1)	Operating on learner's permit without CDL holder	License-related	8	Y
383.23(c)(2)	Operating on learner's permit without valid driver's license	License-related	8	Y
383.51(a)	Driving a CMV (CDL) while disqualified	License-related	8	Y
383.91(a)	Operating a CMV with improper CDL group	License-related	8	Y
383.93(b)(1)	No double/triple trailer endorsement on CDL	License-related	8	Y
383.93(b)(2)	No passenger vehicle endorsement on CDL	License-related	8	Y
383.93(b)(3)	No tank vehicle endorsement on CDL	License-related	8	Y
383.93(b)(4)	No hazardous materials endorsement on CDL	License-related	8	Y

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¹¹ In cases where a violation results in an out-of-service order as defined in 49 CFR 390.5, an additional weight of 2 is added to arrive at a total severity weight for the violation.

[†] Citations marked with † are being phased out based on regulatory changes, and are intended for removal from the SMS at a later time.

Table 3. CSMS Driver Fitness BASIC Violations¹⁰				
Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹¹	Violation in the DSMS (Y/N)
383.93(b)(5)	No school bus endorsement on CDL	License-related	8	Y
383.93B5LCDL	License (CDL) - Operating a school bus without a school bus endorsement as described in 383.93(b)(5)	License-related	8	Y
383.95(a)	Violating airbrake restriction	License-related	8	Y
386.72(b)	Failing to comply with Imminent Hazard OOS Order	Fitness/ Jumping OOS	10	Y
391.11	Unqualified driver	License-related	8	Y
391.11(b)(1)	Interstate driver under 21 years of age	General Driver Qualification	4	Y
391.11(b)(2)	Non-English speaking driver	General Driver Qualification	4	Y
391.11B2S	Driver must be able to understand highway traffic signs and signals in the English language	General Driver Qualification	4	Y
391.11(b)(4)	Driver lacking physical qualification(s)	Physical	2	Y
391.11(b)(5)	Driver lacking valid license for type vehicle being operated	License-related	8	Y
391.11(b)(7)	Driver disqualified from operating CMV	License-related	8	Y
391.15(a)	Driving a CMV while disqualified	License-related	8	Y
391.41(a)	Driver not in possession of medical certificate	Medical Certificate	1	Y
391.43(h)	Improper medical examiners certificate form	Medical Certificate	1	Y
391.45(b)	Expired medical examiner's certificate	Medical Certificate	1	Y
391.49(j)	No valid medical waiver in driver's possession	Medical Certificate	1	Y

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Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹¹	Violation in the DSMS (Y/N)
398.3(b)	Driver not physically qualified	Physical	2	Y
398.3(b)(8)	No doctor's certificate in possession	Medical Certificate	1	Y

Table 4. CSMS Controlled Substances/Alcohol BASIC Violations ¹²				
Section	Violation Description	Violation Group Description	Violation Severity Weight	Violation in the DSMS (Y/N)
392.5(c)(2)	Violating OOS order pursuant to 392.5(a)/(b)	Alcohol Jumping OOS	10	Y
392.4(a)	Driver uses or is in possession of drugs	Drugs	10	Y
392.5(a)	Possession/use/under influence alcohol-4hrs prior to duty	Alcohol	5	Y

¹² Violation severity weights reflect the relative importance of each violation within each BASIC. These weights *cannot* be compared or added meaningfully across the BASICs.

Table 5. CSMS Vehicle Maintenance BASIC Violations ¹³				
Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight ¹⁴	Violation in the DSMS (Y/N)
365.511	Fail to display current CVSA Decal: Permanent Authority	Inspection Reports	4	N
374.313(a)	Failure to maintain a reasonable temperature	Cab, Body, Frame	2	Y
374.313(b)	Bus — Failure to maintain restroom	Cab, Body, Frame	2	Y
374.313(c)	Bus — Not maintained in clean working order	Cab, Body, Frame	2	Y
385.103(c)	Fail to display current CVSA decal— Provisional Authority	Inspection Reports	4	N
392.2WC	Wheel (Mud) Flaps missing or defective	Windshield /Glass /Markings	1	Y
392.7	No pre-trip inspection	Inspection Reports	4	Y
392.7(a)	Driver failing to conduct pre-trip inspection	Inspection Reports	4	Y
392.7(b)	Driver failing to conduct a pre-trip inspection of Intermodal Equipment	Inspection Reports	4	Y
392.8	Failing to inspect/use emergency equipment	Emergency Equipment	2	Y
392.22(b)	Failing/improper placement of warning devices	Cab, Body, Frame	2	Y
392.33	Operating CMV with lamps/reflectors obscured	Lighting	6	Y
393.9(a)	Inoperative required lamps	Clearance Identification Lamps/Other	2	Y

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Table 5. CSMS Vehicle Maintenance BASIC Violations¹³

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁴	Violation in the DSMS (Y/N)
393.9H	Inoperative head lamps	Lighting	6	Y
393.9T	Inoperative tail lamp	Lighting	6	Y
393.9TS	Inoperative turn signal	Lighting	6	Y
393.11	No/defective lighting devices/reflective devices/projected	Reflective Sheeting	3	Y
393.11LR	Lower retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.11N	No retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.11RT	Retroreflective not affixed as required Trailer manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.11S	Side retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.11TL	Truck Tractor manufactured on or after 7/1/1997 with no retro reflective sheeting or reflex reflectors on mud flaps	Reflective Sheeting	3	Y
393.11TT	Truck Tractor no retroreflective sheeting/reflex reflectors manufactured on or after 7/1/1997	Reflective Sheeting	3	Y
393.11TU	Truck Tractor upper body corners retroreflective sheeting/reflex reflectors manufactured on or after 7/1/1997	Reflective Sheeting	3	Y
393.11UR	Upper reflex reflectors retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.13(a)	Retroreflective tape not affixed; Trailer manufactured before 12/1/1993	Reflective Sheeting	3	Y

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393.13(b)	No retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.13(c)(1)	Side retroreflective sheeting/reflex reflectors manufactured on or before 12/1/1993	Reflective Sheeting	3	Y
393.13(c)(2)	Lower retroreflective sheeting/reflex reflectors manufactured on or before 12/1/1993	Reflective Sheeting	3	Y
393.13(c)(3)	Upper retroreflective sheeting/reflex reflectors manufactured on or before 12/1/1993	Reflective Sheeting	3	Y
393.13(d)(1)	Side retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.13(d)(2)	Lower rear retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.13(d)(3)	Upper rear retroreflective sheeting/reflex reflectors manufactured on or after 12/1/1993	Reflective Sheeting	3	Y
393.17	No/defective lamp/reflector-tow-away operation	Lighting	6	Y
393.17(a)	No/defective lamps-towing unit-tow-away operation	Lighting	6	Y
393.17(b)	No/defective tow-away lamps on rear unit	Lighting	6	Y
393.19	Inoperative/defective hazard warning lamp	Lighting	6	Y
393.23	Required lamp not powered by vehicle electricity	Clearance Identification Lamps/Other	2	Y
393.24(a)	Non-compliance with headlamp requirements	Lighting	6	Y
393.24(b)	Non-compliant fog/driving lamps	Lighting	6	Y

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393.24	Non-compliant fog or driving lamps	Lighting	6	Y
393.24(c)	Improper headlamp mounting	Lighting	6	N
393.24(d)	Improper head / auxiliary / fog lamp aiming	Lighting	6	N
393.25(a)	Improper lamp mounting	Lighting	6	N
393.25(b)	Lamps are not visible as required	Lighting	6	Y
393.25(e)	Lamp not steady burning	Lighting	6	Y
393.25(f)	Stop lamp violations	Lighting	6	Y
393.26	Requirements for reflectors	Reflective Sheeting	3	Y
393.28	Improper or no wiring protection as required	Other Vehicle Defect	3	Y
393.30	Improper battery installation	Other Vehicle Defect	3	Y
393.40	Inadequate brake system on a CMV	Brakes, All Others	4	Y
393.41	No or defective parking brake system on CMV	Brakes, All Others	4	Y
393.42	No brakes as required	Brakes, All Others	4	Y
393.43	No/improper breakaway or emergency braking	Brakes, All Others	4	Y
393.43(a)	No/improper tractor protection valve	Brakes, All Others	4	Y
393.43(d)	No or defective automatic trailer brake	Brakes, All Others	4	Y
393.44	No/defective bus front brake line protection	Brakes, All Others	4	Y
393.45	Brake tubing and hose adequacy	Brakes, All Others	4	N
393.45(a)(4)	Failing to secure brake hose/tubing against mechanical damage	Brakes, All Others	4	N
393.45(b)(2)	Failing to secure brake hose/tubing against mechanical damage	Brakes, All Others	4	Y

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393.45(b)(3)	Failing to secure brake hose/tubing against high temperatures	Brakes, All Others	4	N
393.45(d)	Brake connections with leaks/constrictions	Brakes, All Others	4	N
393.47	Inadequate/contaminated brake linings	Brakes, All Others	4	Y
393.47(a)	Inadequate brakes for safe stopping	Brakes, All Others	4	Y
393.47(b)	Mismatched brake chambers on same axle	Brakes, All Others	4	Y
393.47(c)	Mismatched slack adjuster effective length	Brakes, All Others	4	Y
393.47(d)	Insufficient brake linings	Brakes, All Others	4	Y
393.47(e)	Clamp/Roto-Chamber type brake(s) out of adjustment	Brakes Out of Adjustment	4	Y
393.47(f)	Wedge type brake(s) out of adjustment	Brakes Out of Adjustment	4	Y
393.47(g)	Insufficient drum/rotor thickness	Brakes, All Others	4	Y
393.48(a)	Inoperative/defective brakes	Brakes, All Others	4	Y
393.48(b)(1)	Defective brake limiting device	Brakes, All Others	4	Y
393.50	Inadequate reservoir for air/vacuum brakes	Brakes, All Others	4	N
393.50(a)	Failing to have sufficient air/vacuum reserve	Brakes, All Others	4	N
393.50(b)	Failing to equip vehicle—prevent reservoir air/vacuum leak	Brakes, All Others	4	N
393.50(c)	No means to ensure operable check valve	Brakes, All Others	4	N
393.50(d)	No or defective air reservoir drain valve	Brakes, All Others	4	Y
393.51	No or defective brake warning device	Brakes, All Others	4	Y

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393.52(a)(1)	Insufficient braking force as percent of GVW or GCW	Brakes, All Others	4	Y
393.53(a)	Automatic brake adjuster CMV manufactured on or after 10/20/1993— hydraulic brake	Brakes, All Others	4	Y
393.53(b)	Automatic brake adjuster CMV manufactured on or after 10/20/1994— air brake	Brakes, All Others	4	Y
393.53(c)	Brake adjustment indicator CMV manufactured on or after 10/20/1994— external automatic adjustment	Brakes, All Others	4	Y
393.55(a)	ABS— all CMVs manufactured on or after 3/1/1999 with hydraulic brakes	Brakes, All Others	4	N
393.55(b)	ABS— malfunction indicators for hydraulic brake system	Brakes, All Others	4	N
393.55(c)(1)	ABS— all tractors manufactured on or after 3/1/1997 air brake system	Brakes, All Others	4	N
393.55(c)(2)	ABS— all other CMVs manufactured on or after 3/1/1998 air brake system	Brakes, All Others	4	N
393.55(d)(1)	ABS— malfunctioning circuit/signal manufactured on or after 3/1/1997, single-unit CMV manufactured on or after 3/1/1998	Brakes, All Others	4	N
393.55(d)(2)	ABS— malfunctioning indicator to cab of towing CMV manufactured on or after 3/1/2001	Brakes, All Others	4	N
393.55(d)(3)	ABS— malfunctioning indicator connection from towed CMV manufactured on or after 3/1/2001	Brakes, All Others	4	N
393.55(e)	ABS— malfunctioning lamps towed CMV manufactured on or after 3/1/1998, manufactured before 3/1/2009	Brakes, All Others	4	Y
393.60(b)	Windshields required	Windshield/ Glass/ Makings	1	Y

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393.60(c)	Damaged or discolored windshield	Windshield/ Glass/ Makings	1	Y
393.60(d)	Glazing permits less than 70 percent of light	Windshield/ Glass/ Makings	1	Y
396.60EWS	Windshield - Obstructed	Windshield/ Glass/ Makings	1	Y
393.61	Inadequate or missing truck side windows	Windshield/ Glass/ Makings	1	Y
393.61(a)	Inadequate or missing truck side windows	Windshield/ Glass/ Makings	1	Y
393.61(b)(2)	Emergency exit window handle broken †	Windshield/ Glass/ Makings	1	Y
393.62(a)	No or defective bus emergency exits, manufactured on or after 9/1/1994	Windshield/ Glass/ Makings	1	Y
393.62(b)	No or defective bus emergency exits, manufactured on or after 9/1/1973 but before 9/1/1994	Windshield/ Glass/ Makings	1	Y
393.62(c)	No or defective bus emergency exit windows, manufactured before 9/1/1973	Windshield/ Glass/ Makings	1	Y
393.62(d)	No / defective Safety glass/push-out window	Windshield/ Glass/ Makings	1	Y
393.62(e)	No or inadequate bus emergency exit marking	Windshield/ Glass/ Makings	1	Y
393.65(b)	Improper location of fuel system	Fuel Systems	1	Y
393.65(c)	Improper securement of fuel tank	Fuel Systems	1	Y
393.65(f)	Improper fuel line protection	Fuel Systems	1	Y
393.67	Fuel tank requirement violations	Fuel Systems	1	N
393.67(c)(7)	Fuel tank fill pipe cap missing	Fuel Systems	1	Y
393.67(c)(8)	Improper fuel tank safety vent	Fuel Systems	1	N
393.68	Compressed Natural Gas (CNG) Fuel Container does not conform to regulations	Other Vehicle Defect	3	Y

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393.70	Fifth wheel	Coupling Devices	3	N
393.70(a)	Defective coupling device—improper tracking	Coupling Devices	3	N
393.70(b)	Defective/improper fifth wheel assemblies	Coupling Devices	3	Y
393.70(b)(2)	Defective fifth wheel locking mechanism	Coupling Devices	3	Y
393.70(c)	Defective coupling devices for full trailer	Coupling Devices	3	Y
393.70(d)	No/improper safety chains/cables for full trailer	Coupling Devices	3	Y
393.70(d)(8)	Improper safety chain attachment	Coupling Devices	3	Y
393.71	Improper coupling driveaway/tow-away operation	Coupling Devices	3	Y
393.71(g)	Prohibited towing connection / device	Coupling Devices	3	Y
393.71(h)	Towbar requirement violations	Coupling Devices	3	Y
393.71(h)(10)	No/improper safety chains/cables for towbar	Coupling Devices	3	Y
393.75	Tires/tubes (general)	Tires	8	Y
393.75(a)	Flat tire or fabric exposed	Tires	8	Y
393.75(a)(1)	Tire—ply or belt material exposed	Tires	8	Y
393.75(a)(2)	Tire—tread and/or sidewall separation	Tires	8	Y
393.75(a)(3)	Tire—flat and/or audible air leak	Tires	8	Y
393.75(a)(4)	Tire—cut exposing ply and/or belt material	Tires	8	Y
393.75(b)	Tire—front tread depth less than 4/32 of inch	Tires	8	Y
393.75(c)	Tire—other tread depth less than 2/32 of inch	Tires	8	Y
393.75(d)	Tire-bus regrooved/recap on front wheel	Tires	8	Y

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393.75(e)	Tire—regrooved on front of truck/truck-tractor	Tire vs. Load	3	Y
393.75(f)	Tire—load weight rating/under inflated	Tire vs. Load	3	Y
393.75(f)(1)	Weight carried exceeds tire load limit †	Tire vs. Load	3	Y
393.75(f)(2)	Tire under-inflated †	Tire vs. Load	3	Y
393.75(h)	Tire under-inflated	Tire vs. Load	3	Y
393.76	Sleeper berth requirement violations	Other Vehicle Defect	3	Y
393.77	Defective and/or prohibited heaters	Other Vehicle Defect	3	Y
393.77(b)(5)	Protection of operating controls from tampering	Other Vehicle Defect	3	Y
393.77(b)(11)	Bus heater fuel tank location	Other Vehicle Defect	3	Y
393.78	Windshield wipers inoperative/defective	Windshield/ Glass/ Makings	1	Y
393.79(a)	Defroster / Defogger inoperative	Windshield/ Glass/ Makings	1	Y
393.80	Failing to equip vehicle with two rear vision mirrors	Other Vehicle Defect	3	Y
393.81	Horn inoperative	Other Vehicle Defect	3	Y
393.82	Speedometer inoperative / inadequate	Other Vehicle Defect	3	Y
393.83(a)	Exhaust system location	Exhaust Discharge	1	Y
393.83(b)	Exhaust discharge fuel tank/filler tube	Exhaust Discharge	1	Y
393.83(c)	Improper exhaust—bus (gasoline)	Exhaust Discharge	1	Y
393.83(d)	Improper exhaust—bus (diesel)	Exhaust Discharge	1	Y
393.83(e)	Improper exhaust discharge (not rear of cab)	Exhaust Discharge	1	Y

Table 5. CSMS Vehicle Maintenance BASIC Violations¹³

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁴	Violation in the DSMS (Y/N)
393.83(f)	Improper exhaust system repair (patch/wrap)	Exhaust Discharge	1	Y
393.83(g)	Exhaust leak under truck cab and/or sleeper	Exhaust Discharge	1	Y
393.83(h)	Exhaust system not securely fastened	Exhaust Discharge	1	Y
393.84	Inadequate floor condition	Cab, Body, Frame	2	Y
393.86	No or improper rearend protection	Cab, Body, Frame	2	Y
393.86(a)(1)	Rear impact guards—all trailers/semitrailers manufactured on or after 1/26/98	Cab, Body, Frame	2	N
393.86(a)(2)	Impact guard width— all trailers/semitrailers manufactured on or after 1/26/98	Cab, Body, Frame	2	N
393.86(a)(3)	Impact guard height— all trailers/semitrailers manufactured on or after 1/26/98	Cab, Body, Frame	2	N
393.86(a)(4)	Impact guard rear— all trailers/semitrailers manufactured on or after 1/26/98	Cab, Body, Frame	2	N
393.86(a)(5)	Cross-sectional vertical height— all trailers/semitrailers manufactured on or after 1/26/98	Cab, Body, Frame	2	N
393.86(b)(1)	Rear Impact Guards— motor vehicle manufactured on or after 12/31/52, see exceptions	Cab, Body, Frame	2	Y
393.88	Improperly located television receiver	Cab, Body, Frame	2	Y
393.89	Bus driveshaft not properly protected	Cab, Body, Frame	2	Y
393.90	Bus—no or obscure standee line	Cab, Body, Frame	2	Y
393.91	Bus—improper aisle seats	Cab, Body, Frame	2	Y
393.93(a)	Bus—not equipped with seat belt	Cab, Bdy, Frame	2	Y

Table 5. CSMS Vehicle Maintenance BASIC Violations ¹³

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁴	Violation in the DSMS (Y/N)
393.93(a)(3)	Seats not secured in conformance with FMVSS	Cab, Body, Frame	2	N
393.93(b)	Truck not equipped with seat belt	Cab, Body, Frame	2	Y
393.95(a)	No/discharged/unsecured fire extinguisher	Emergency Equipment	2	Y
393.95(a)(1)(i)	No/discharged/unsecured fire extinguisher	Emergency Equipment	2	Y
393.95(b)	No spare fuses as required	Emergency Equipment	2	Y
393.95(c)	No spare fuses as required	Emergency Equipment	2	Y
393.95(f)	No / insufficient warning devices	Emergency Equipment	2	Y
393.95(g)	HM—restricted emergency warning device	Emergency Equipment	2	Y
393.201(a)	Frame cracked / loose / sagging / broken	Cab, Body, Frame	2	Y
393.201(b)	Bolts securing cab broken/loose/missing	Cab, Body, Frame	2	N
393.201(c)	Frame rail flange improperly bent/cut/notched	Cab, Body, Frame	2	N
393.201(d)	Frame accessories improperly attached	Cab, Body, Frame	2	N
393.201(e)	Prohibited holes drilled in frame rail flange	Cab, Body, Frame	2	N
393.203	Cab/body parts requirements violations	Cab, Body, Frame	2	Y
393.203(a)	Cab door missing/broken	Cab, Body, Frame	2	Y
393.203(b)	Cab/body improperly secured to frame	Cab, Body, Frame	2	Y
393.203(c)	Hood not securely fastened	Cab, Body, Frame	2	Y
393.203(d)	Cab seats not securely mounted	Cab, Body, Frame	2	Y

Table 5. CSMS Vehicle Maintenance BASIC Violations¹³

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁴	Violation in the DSMS (Y/N)
393.203(e)	Cab front bumper missing/unsecured/ protrude	Cab, Body, Frame	2	Y
393.205(a)	Wheel/rim cracked or broken	Wheels, Studs, Clamps, Etc.	2	Y
393.205(b)	Stud/bolt holes elongated on wheels	Wheels, Studs, Clamps, Etc.	2	Y
393.205(c)	Wheel fasteners loose and/or missing	Wheels, Studs, Clamps, Etc.	2	Y
393.207(a)	Axle positioning parts defective/missing	Suspension	7	Y
393.207(b)	Adjustable axle locking pin missing/disengaged	Suspension	7	Y
393.207(c)	Leaf spring assembly defective/missing	Suspension	7	Y
393.207(d)	Coil spring cracked and/or broken	Suspension	7	Y
393.207(e)	Torsion bar cracked and/or broken	Suspension	7	Y
393.207(f)	Air suspension pressure loss	Suspension	7	Y
393.207(g)	No/defective air suspension exhaust control	Suspension	7	N
393.209(a)	Steering wheel not secured/broken	Steering Mechanism	6	Y
393.209(b)	Excessive steering wheel lash	Steering Mechanism	6	Y
393.209(c)	Loose steering column	Steering Mechanism	6	Y
393.209(d)	Steering system components worn/welded/missing	Steering Mechanism	6	Y
393.209(e)	Power steering violations	Steering Mechanism	6	Y
396.1	Must have knowledge of and comply with regulations	Inspection Reports	4	Y
396.3(a)(1)	Inspection/repair and maintenance parts and accessories	Wheels, Studs, Clamps, Etc.	2	Y
396.3A1B	Brakes (general)	Brakes, All Others	4	Y

Table 5. CSMS Vehicle Maintenance BASIC Violations¹³

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁴	Violation in the DSMS (Y/N)
396.3A1BA	Brake out of adjustment	Brakes Out of Adjustment	4	N
396.3A1BC	Brake-air compressor violation	Brakes, All Others	4	N
396.3A1BD	Brake-defective brake drum	Brakes, All Others	4	N
396.3A1BL	Brake-reserve system pressure loss	Brakes, All Others	4	N
396.3A1T	Tires (general)	Tires	8	Y
396.5	Excessive oil leaks†	Other Vehicle Defect	3	N
396.5(a)	Failing to ensure that vehicle is properly lubricated	Other Vehicle Defect	3	N
396.5(b)	Oil and/or grease leak	Other Vehicle Defect	3	N
396.7	Unsafe operations forbidden	Other Vehicle Defect	3	Y
396.9(c)(2)	Operating an OOS vehicle	Vehicle Jumping OOS	10	Y
396.9(d)(2)	Failure to correct defects noted on inspection report	Inspection Reports	4	N
396.11	No or inadequate driver vehicle inspection report	Inspection Reports	4	Y
396.13(c)	No reviewing driver's signature on Driver Vehicle Inspection Report (DVIR)	Inspection Reports	4	Y
396.17(c)	Operating a CMV without periodic inspection	Inspection Reports	4	N
398.5	Parts/access—migrant workers	Other Vehicle Defect	3	Y
398.7	Inspect/maintain motor vehicle—migrant workers	Inspection Reports	4	N
399.207	Vehicle access requirements violations	Cab, Body, Frame	2	N
399.211	Inadequate maintenance of driver access	Cab, Body, Frame	2	N

Table 6. CSMS Cargo-Related BASIC Violations¹⁵				
Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
171.2(a)	Failure to comply with HM regulations	HM Other	2	Y
171.2(b)	Failure to comply with the requirements for HM transportation (including labeling and handling)	HM Other	2	Y
171.2(c)	Representing a package./container for HM not meeting specs	Markings - HM	5	N
171.2(d)	Accepting HM without registering with PHMSA	Documentation - HM	3	Y
171.2(f)	Transporting HM not in accordance with this part	Fraudulent Behavior	5	Y
171.2(g)	Cargo tank does not comply with HM Regulations	Fraudulent Behavior	5	N
171.2(k)	Representing vehicle with HM, none present	Fraudulent Behavior	5	Y
172.301(a)(1)	No proper shipping name and/or ID# marking on non-bulk	Markings - HM	5	N
172.301(a)(3)	No ID number on side/ends of non-bulk package — large quantity of single HM	Markings - HM	5	N
172.301(b)	No technical name on non-bulk	Documentation - HM	3	N
172.301(c)	No special permit number on non-bulk package	Documentation - HM	3	N
172.301(d)	No consignee/consignor on non-bulk	Documentation - HM	3	N
172.302(a)	No ID number (portable and cargo tank)	Markings - HM	5	Y
172.302(b)	Bulk package marking incorrect size	Markings - HM	5	N
172.302(c)	No special permit number on bulk package	Documentation - HM	3	N
172.303(a)	Prohibited HM marking on package	Markings - HM	5	N

¹⁵ Violation severity weights reflect the relative importance of each violation within each BASIC. These weights *cannot* be compared or added meaningfully across the BASICS.

¹⁶ In cases where a violation results in an out-of-service order as defined in 49 CFR 390.5, an additional weight of 2 is added to arrive at a total severity weight for the violation.

† Citations marked with † are being phased out based on regulatory changes, and are intended for removal from the SMS at a later time

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
172.304(a)(1)	Package marking not durable, English, or print	Markings - HM	5	N
172.304(a)(2)	Marking not on sharply contrasting color	Markings - HM	5	N
172.304(a)(3)	Marking obscured by label or attachments	Markings - HM	5	N
172.304(a)(4)	Marking not away from other marking	Markings - HM	5	N
172.310(a)	No gross weight on radioactive materials package greater than 50 KG	Markings - HM	5	N
172.310(b)	Radioactive materials package not marked "Type A or B"	Markings - HM	5	N
172.312(a)	No package orientation arrows	Cargo Protection - HM	4	N
172.312(a)(2)	No package orientation arrows	Cargo Protection - HM	4	N
172.312(b)	Prohibited use of orientation arrows	Cargo Protection - HM	4	N
172.313(a)	No "inhalation hazard" on package	Markings - HM	5	N
172.313(b)	No "poison" on non-bulk plastic package	Markings - HM	5	N
172.316(a)	"Other regulated material" non-bulk package not marked	Markings - HM	5	N
172.320(a)	Class 1 package not marked with ex-number	Markings - HM	5	N
172.322(b)	No marine pollutant marking on bulk packaging	Markings - HM	5	N
172.324	Non-bulk hazardous substance not marked	Markings - HM	5	N
172.325(a)	Elevated temperature not marked "Hot"	Markings - HM	5	N
172.325(b)	Improperly marked molten aluminum/sulphur	Markings - HM	5	N
172.326(b)	No portable tank owner or lessee marking	Markings - HM	5	N
172.326(c)(1)	No ID number marking on vehicle carrying portable tank	Markings - HM	5	N
172.326(c)(2)	Shipper failed to provide ID number to carrier	Markings - HM	5	N
172.328(a)	Shipper failed to provide or affix ID number for cargo tank	Markings - HM	5	N

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
172.328(b)	Cargo tank not marked for class 2	Markings - HM	5	N
172.328(c)	No quenched and tempered steel (QT)/other than quenched and tempered steel (NQT) marked on cargo tank (MC 330/331)	Markings - HM	5	N
172.328(d)	Fail to mark manual remote shutoff device	Markings - HM	5	N
172.330(a)(2)	Tank car tank (non cylinder) not marked as required	Markings - HM	5	N
172.330(b)	Motor vehicle with tank not marked	Markings - HM	5	N
172.332	Required ID markings displayed	Markings - HM	5	N
172.334	Prohibited ID number marking	Markings - HM	5	N
172.334(a)	ID # displayed on Class 7/Class 1/Dangerous or Subsidiary placard	Markings - HM	5	N
172.336(b)	ID numbers not properly displayed	Markings - HM	5	N
172.336(c)(1)	Failing to display ID numbers on compartment cargo tank in sequence	Markings - HM	5	N
172.338	Carrier failed to replace missing ID number	Markings - HM	5	N
172.400(a)	Package/containment not labeled as required	Markings - HM	5	Y
172.401	Prohibited labeling	Markings - HM	5	N
172.402(a)	No label for subsidiary hazard	Markings - HM	5	N
172.402(b)	Display of class number on label	Markings - HM	5	N
172.402(d)	Subsidiary labeling for radioactive materials	Markings - HM	5	N
172.402(e)	Subsidiary labeling for class 1(explosive) materials	Markings - HM	5	N
172.403(a)	Radioactive material label requirement	Markings - HM	5	N
172.403(f)	Radioactive material package—2 labels on opposite sides	Markings - HM	5	N
172.403(g)	Failed to label radioactive material properly	Markings - HM	5	N

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
172.403(g)(2)	Class 7 label – no activity/activity not in SI units	Markings - HM	5	N
172.404(a)	Mixed package not properly labeled	Markings - HM	5	N
172.404(b)	Failed to properly label consolidated package	Markings - HM	5	N
172.406(a)(1)	Label placement not as required	Markings - HM	5	N
172.406(c)	Multiple label placement not as required	Markings - HM	5	N
172.406(d)	Label not on contrasting background or no border	Markings - HM	5	N
172.406(e)	Failed to display duplicate label as required	Markings - HM	5	N
172.406(f)	Label obscured by marking or attachment	Markings - HM	5	N
172.504(a)	Vehicle not placarded as required	Markings - HM	5	Y
172.506(a)(1)	Placards not affixed to vehicle	Markings - HM	5	Y
172.516(a)	Placard not visible from direction it faces	Markings - HM	5	Y
172.516(c)(1)	Placard not securely affixed or attached	Markings - HM	5	Y
172.516(c)(2)	Placard not clear of appurtenance	Markings - HM	5	Y
172.516(c)(4)	Placard improper location	Markings - HM	5	Y
172.516(c)(5)	Placard not reading horizontally	Markings - HM	5	Y
172.516(c)(6)	Placard damaged, deteriorated, or obscured	Markings - HM	5	Y
172.516(c)(7)	Placard not on contrasting background or border	Markings - HM	5	Y
172.600(c)	Emergency Response (ER) information not available	Documentation - HM	3	Y
172.602(a)	Emergency response information missing	Documentation - HM	3	Y
172.602(b)	Form and manner of emergency response information	Documentation - HM	3	Y
172.602(c)(1)	Maintenance/accessibility of emergency response information	Documentation - HM	3	Y
173.24(b)(1)	Release of HM from package	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
173.25(c)	Failure to label and package poison properly, when transported with edible material	Markings - HM	5	Y
173.29(a)	Empty package improper transportation	Cargo Protection - HM	4	N
173.30	Loading/ unloading transport vehicles	Cargo Protection - HM	4	Y
173.33(a)	Cargo tank general requirements	Cargo Protection - HM	4	Y
173.33(b)	HM in cargo tank which had dangerous reaction with cargo tank	Cargo Protection - HM	4	Y
173.33(c)(2)	Cargo tank not marked with design or maximum allowable working pressure (MAWP)	Cargo Protection - HM	1	N
173.35(a)	Intermediate bulk container requirements	Package Integrity - HM	8	Y
173.35(f)(2)	Intermediate bulk container (IBC) not secured to or within vehicle	Load Securement	10	Y
173.54	Forbidden explosives, offering or transporting	Fire Hazard - HM	6	N
173.315(j)(3)	Residential gas tank not secure in transport	Fire Hazard - HM	6	Y
173.315(j)(4)	Liquefied Petroleum Gas (LPG) storage tank overfilled for transport	Fire Hazard - HM	6	N
173.421(a)	Transporting limited quantity—radioactive material exceeds 0.5 millirem/hour	Cargo Protection - HM	4	N
173.427(a)(iv)	No instructions for exclusive use packaging—low specific activity	Cargo Protection - HM	4	Y
173.427(a)(vi)	Exclusive use low specific activity (LSA) radioactive material not marked "Radioactive-LSA"	Markings - HM	5	Y
173.427(a)(6)(iv)	No instructions for exclusive use packaging—low specific activity	Cargo Protection - HM	4	Y
173.427(a)(6)(vi)	Exclusive use low specific activity (LSA) radioactive material not marked "Radioactive-LSA"	Markings - HM	5	Y
173.427(d)	Not packaged in accordance with 10 CFR, part 71	Cargo Protection - HM	4	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
173.441(a)	Exceeding radiation level limitations allowed for transport	Cargo Protection - HM	4	N
177.801	Accepting/transporting HM not prepared properly	HM Other	2	Y
177.817(a)	No shipping papers (carrier)	Documentation - HM	3	Y
177.817(b)	Shipper certification missing (when required)	Documentation - HM	3	N
177.817(e)	Shipping paper accessibility	Documentation - HM	3	Y
177.823(a)	No placards/markings when required	Markings - HM	5	N
177.834(a)	Package not secure in vehicle	Load Securement	10	Y
177.834(c)	Smoking while loading or unloading	Fire Hazard - HM	6	Y
177.834(f)	Using a tool likely to cause damage to the closure of any package or container	Load Securement	10	Y
177.834(i)	Attendance of cargo tank— (load or unload)	Cargo Protection - HM	4	Y
177.834(j)	Manholes and valves not closed or leak free	Cargo Protection - HM	4	Y
177.834(m)(1)	Securing specification 106a or 110a tanks	Cargo Protection - HM	4	N
177.834(n)	Improper loading—specification 56, 57, IM101 and IM102	Fire Hazard - HM	6	N
177.835(a)	Loading/Unloading Class 1 with engine running	Fire Hazard - HM	6	Y
177.835(c)	Transporting Class 1 in combination vehicles	Fire Hazard - HM	6	N
177.835(j)	Transfer of Class 1 materials en route	Fire Hazard - HM	6	Y
177.837(c)	Cargo tanks not properly bonded/grounded	Cargo Protection - HM	4	N
177.837(d)	Improper unloading of combustible liquids	Cargo Protection - HM	4	N
177.838	Improper transport of class 4, 5 or division 4.2	Fire Hazard - HM	6	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
177.840	Improper transport of class 2	Fire Hazard - HM	6	Y
177.840(g)	Discharge valve not closed in transit class 2	Cargo Protection - HM	4	Y
177.840(o)	Fail to test off-truck remote shutoff device	Cargo Protection - HM	4	Y
177.840(s)	Fail to possess remote shutoff when unloading	Cargo Protection - HM	4	Y
177.841(e)	Poison label loaded with foodstuffs	HM Other	2	Y
177.842(a)	Total transport index exceeds 50— non-exclusive use	HM Other	2	N
177.842(b)	Distance from package to person— radioactive material	HM Other	2	N
177.842(d)	Blocking and bracing of radioactive material packages	HM Other	2	Y
177.848(d)	Prohibited load/transport/storage combination	Fire Hazard - HM	6	N
177.848(f)	Class 1 load separation or segregation	HM Other	2	N
178.245-4	DOT51 integrity and securement	Package Integrity - HM	8	N
178.245-5	DOT51 valve protection	Package Integrity - HM	8	N
178.245-6(a)	DOT51 name plate Markings - HM	Package Integrity - HM	8	N
178.245-6(b)	Tank outlets not marked	Package Integrity - HM	8	N
178.251-4	DOT 56/57 integrity and securement	Package Integrity - HM	8	N
178.251-7(b)	DOT 56/57 spec Markings - HM	Package Integrity - HM	8	N
178.255-4	DOT 60 manhole	Package Integrity - HM	8	N
178.255-7	DOT 60 valve protection	Package Integrity - HM	8	N
178.255-14	DOT 60 ID plate	Package Integrity - HM	8	N
178.270-1	IM101/102 general design	Package Integrity - HM	8	N

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
178.270-11(d)(1)	IM101/102 pressure relief	Package Integrity - HM	8	N
178.270-4	Structural integrity	Package Integrity - HM	8	N
178.270-6	IM 101/102 frames	Package Integrity - HM	8	N
178.270-8	IM101/102 valve protection	Package Integrity - HM	8	N
178.270-9	IM101/102 manholes	Package Integrity - HM	8	N
178.270-14	IM101/102 spec plate	Package Integrity - HM	8	N
178.336-9(a)	Safety relief devices MC330	Package Integrity - HM	8	N
178.336-9(c)	Marking of inlets/outlets MC330	Package Integrity - HM	8	N
178.336-10	Protecting of fittings MC330	Package Integrity - HM	8	N
178.336-13	Anchoring of tank MC330	Package Integrity - HM	8	N
178.336-17	Metal ID plate marking MC330	Package Integrity - HM	8	N
178.336-17(a)	Certification plate MC330	Package Integrity - HM	8	N
178.337-8(a)	Outlets general requirements MC331	Package Integrity - HM	8	N
178.337-8(a)(2)	Outlets MC331	Package Integrity - HM	8	N
178.337-8(a)(3)	Internal or back flow valve MC331	Package Integrity - HM	8	N
178.337-8(a)(4)(i)	Remote closure device greater than 3500 gallons MC331	Package Integrity - HM	8	Y
178.337-8(a)(4)(ii)	Remote closure device less than 3500 gallons MC331	Package Integrity - HM	8	Y
178.337-9(c)	Marking inlets/outlets MC331	Package Integrity - HM	8	N
178.337-10(a)	Protection of fittings MC331	Package Integrity - HM	8	N

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
178.337-10(d)	Rear end protection MC331	Package Integrity - HM	8	N
178.337-11(b)	Shut off valves MC331	Package Integrity - HM	8	Y
178.337-13	MC331 supports and anchoring	Package Integrity - HM	8	N
178.337-17(a)	Metal ID plate missing MC331	Package Integrity - HM	8	N
178.338-6	Manhole MC338	Package Integrity - HM	8	N
178.338-8	Pressure relief devices MC338	Package Integrity - HM	8	N
178.338-10(a)	Protection of fittings MC338	Package Integrity - HM	8	N
178.338-10(c)	Rear end protection MC338	Package Integrity - HM	8	N
178.338-11(b)	Manual shutoff valve MC338	Package Integrity - HM	8	Y
178.338-12	Shear section MC338	Package Integrity - HM	8	N
178.338-13	Supports and anchoring MC338	Package Integrity - HM	8	N
178.338-18(a)	Name plate/Specification plate missing MC338	Package Integrity - HM	8	N
178.338-18(b)	Specification plate missing MC338	Package Integrity - HM	8	N
178.340-6	MC306/307/312 supports and anchoring	Package Integrity - HM	8	N
178.340-7(a)	MC306/307/312 ring stiffeners	Package Integrity - HM	8	N
178.340-7(c)	MC306/307/312 double bulkhead drain	Package Integrity - HM	8	N
178.340-7(d)(2)	MC306/307/312 ring stiffener drain hole	Package Integrity - HM	8	N
178.340-8(a)	MC306/307/312 appurtenances attachment	Package Integrity - HM	8	N
178.340-8(b)	MC306/307/312 rearend protection	Package Integrity - HM	8	N

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
178.340-8(c)	MC306/307/312 overturn protection	Package Integrity - HM	8	N
178.340-8(d)	MC306/307/312 piping protection	Package Integrity - HM	8	N
178.340-8(d)(1)	MC306/307/312 piping protection	Package Integrity - HM	8	N
178.340-8(d)(2)	MC306/307/312 minimum road clearance	Package Integrity - HM	8	N
178.340-10(b)	MC306/307/312 metal certification plate missing	Package Integrity - HM	8	N
178.341-3(a)	MC306 no manhole closure	Package Integrity - HM	8	N
178.341-4	MC306 venting	Package Integrity - HM	8	N
178.341-4(d)(1)	MC306 inadequate emergency venting	Package Integrity - HM	8	N
178.341-4(d)(2)	MC306 pressure activated vents	Package Integrity - HM	8	N
178.341-4(d)(3)	MC306 no fusible venting	Package Integrity - HM	8	N
178.341-5(a)	MC306 internal valves	Package Integrity - HM	8	N
178.341-5(a)(1)	MC306 heat actuated safety	Package Integrity - HM	8	N
178.341-5(a)(2)	MC306 remote control shutoff	Package Integrity - HM	8	Y
178.342-3	MC307 manhole closure	Package Integrity - HM	8	Y
178.342-4	MC307 venting	Package Integrity - HM	8	N
178.342-4(b)	Inadequate venting capacity	Package Integrity - HM	8	N
178.342-5(a)	MC307 internal valve	Package Integrity - HM	8	N
178.342-5(a)(1)	MC307 heat actuated safety	Package Integrity - HM	8	N
178.342-5(a)(2)	MC307 remote control shutoff	Package Integrity - HM	8	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
178.343-3	Manhole closure MC312	Package Integrity - HM	8	N
178.343-4	Venting MC312 (show calculations)	Package Integrity - HM	8	N
178.343-5(a)	MC312 top outlet and valve	Package Integrity - HM	8	N
178.343-5(b)(1)	MC312 bottom valve/piping protection	Package Integrity - HM	8	N
178.345-1(i)(2)	DOT 406, 407, 412 Obstructed double bulkhead drain/vent	Package Integrity - HM	8	N
178.345-5(d)	DOT406/407/412 manhole securement	Package Integrity - HM	8	N
178.345-6	DOT406/407/412 supports and anchoring	Package Integrity - HM	8	N
178.345-7(d)(4)	DOT406/407/412 ring stiffener drain	Package Integrity - HM	8	N
178.345-8(a)	DOT406/407/412 accident protection	Package Integrity - HM	8	N
178.345-8(a)(5)	DOT406/407/412 minimum road clearance	Package Integrity - HM	8	N
178.345-8(b)	DOT406/407/412 bottom damage protection	Package Integrity - HM	8	N
178.345-8(c)	DOT406/407/412 rollover damage protection	Package Integrity - HM	8	N
178.345-8(d)	DOT406/407/412 rear end protection	Package Integrity - HM	8	N
178.345-10	DOT406/407/412 pressure relief	Package Integrity - HM	8	N
178.345-11(b)	DOT406/407/412 tank valves	Package Integrity - HM	8	N
178.345-11(b)(1)	DOT406/407/412 remote control	Package Integrity - HM	8	Y
178.345-11(b)(1)(i)	DOT406/407/412 remote control	Package Integrity - HM	8	Y
178.345-14(b)	DOT406/407/412 name plate	Package Integrity - HM	8	N
178.345-14(c)	DOT406/407/412 specification plate	Package Integrity - HM	8	N

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
178.703(a)	Intermediate bulk container (IBC) manufacturer Markings - HM	Package Integrity - HM	8	N
178.703(b)	Intermediate bulk container additional Markings - HM	Package Integrity - HM	8	N
178.704(e)	Intermediate bulk container bottom discharge valve protection	Package Integrity - HM	8	N
180.205(c)	Periodic re-qualification of cylinders	Package Testing - HM	7	N
180.213(d)	Re-qualification Markings - HM	Package Testing - HM	7	N
180.352(b)	Intermediate bulk container retest or inspection	Package Testing - HM	7	N
180.405(b)	Cargo tank specifications	Package Testing - HM	7	N
180.405(j)	Certification withdrawal (failed to remove/cover/obliterate spec plate)	Package Testing - HM	7	N
180.407(a)(1)	Cargo tank periodic test and inspection	Package Testing - HM	7	N
180.407(c)	Failing to periodically test and inspect cargo tank	Package Testing - HM	7	N
180.415(b)	Cargo tank test or inspection Markings - HM	Package Testing - HM	7	N
180.605(k)	Test date marking	Package Testing - HM	7	N
385.403	No HM Safety Permit	Documentation - HM	3	Y
392.9	Failing to secure load	Load Securement	10	Y
392.9(a)	Failing to secure load	Load Securement	10	Y
392.9(a)(1)	Failing to secure cargo/§§ 393.100-393.136	Load Securement	10	Y
392.9(a)(2)	Failing to secure vehicle equipment	Load Securement	10	Y
392.9(a)(3)	Driver's view/movement is obstructed	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
392.62(c)(1)	Bus — baggage/freight restricts driver operation	Load Securement	10	Y
392.62(c)(2)	Bus — Exit(s) obstructed by baggage/freight	Load Securement	10	Y
392.62(c)(3)	Passengers not protected from falling baggage	Load Securement	10	Y
392.63	Pushing/towing a loaded bus	Load Securement	10	Y
393.87	Warning flag required on projecting load	Warning Flags	4	Y
393.87(a)	Warning flag required on projecting load	Warning Flags	4	Y
393.87(b)	Improper warning flag placement	Warning Flags	4	Y
393.100	Failure to prevent cargo shifting	Load Securement	10	Y
393.100(a)	Failure to prevent cargo shifting	Load Securement	10	Y
393.100(b)	Leaking/spilling/blowing/falling cargo	Load Securement	10	Y
393.100(c)	Failure to prevent cargo shifting	Load Securement	10	Y
393.102(a)	Improper securement system (tiedown assemblies)	Load Securement	10	Y
393.102(a)(1)	Insufficient means to prevent forward movement	Load Securement	10	Y
393.102(a)(3)	Insufficient means to prevent lateral movement	Load Securement	10	Y
393.102(a)(2)	Tiedown assembly with inadequate working load limit	Load Securement	10	Y
393.102(b)	Insufficient means to prevent vertical movement	Load Securement	10	Y
393.102(c)	No equivalent means of securement	Load Securement	10	Y
393.104(a)	Inadequate/damaged securement device/system	Load Securement	10	Y
393.104(b)	Damaged securement system/tiedowns	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
393.104(c)	Damaged vehicle structures/anchor points	Load Securement	10	Y
393.104(d)	Damaged Dunnage/bars/blocking-bracing	Load Securement	10	Y
393.104(f)(1)	Knotted tiedown	Load Securement	10	Y
393.104(f)(2)	Use of tiedown with improper repair.	Load Securement	10	Y
393.104(f)(3)	Loose/unfastened tiedown.	Load Securement	10	Y
393.104(f)(4)	No edge protection for tiedowns	Load Securement	10	Y
393.104F4R	No edge protection for tiedowns	Load Securement	10	Y
393.105(f)(5)	No edge protection for tiedowns	Load Securement	10	Y
393.106(a)	No/improper front end structure/headerboard	Load Securement	10	Y
393.106(b)	Cargo not immobilized or secured	Load Securement	10	Y
393.106(c)(1)	No means to prevent cargo from rolling	Load Securement	10	Y
393.106(c)(2)	Cargo without direct contact/prevention from shifting	Load Securement	10	Y
393.106(d)	Insufficient aggregate working load limit	Load Securement	10	Y
393.110	Failing to meet minimum tiedown requirements (Load Securement	10	Y
393.110(b)	Insufficient tiedowns; without headerboard/blocking	Load Securement	10	Y
393.110(c)	Insufficient tiedowns; with headerboard/blocking	Load Securement	10	Y
393.110(d)	Large/odd-shaped cargo not adequately secured	Load Securement	10	Y
393.112	Tiedown not adjustable by driver	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
393.114	No/improper front end structure	Load Securement	10	Y
393.114(b)(1)	Insufficient height for front-end structure	Load Securement	10	Y
393.114(b)(2)	Insufficient width for front-end structure	Load Securement	10	Y
393.114(d)	Front-end structure with large opening(s)	Load Securement	10	Y
393.116	No/improper securement of logs	Load Securement	10	Y
393.116(d)(1)	Short; over 1/3 length past structure	Load Securement	10	Y
393.116(d)(2)	Short, insufficient/no tiedowns	Load Securement	10	Y
393.116(d)(3)	Short, tiedowns improperly positioned	Load Securement	10	Y
393.116(d)(4)	Short, no center stakes/high log not secured	Load Securement	10	Y
393.116(e)	Short, length; improper securement	Load Securement	10	Y
393.118	No/improper lumber/building materials. securement	Load Securement	10	Y
393.118(b)	Improper placement of bundles	Load Securement	10	Y
393.118(d)	Insufficient protection against lateral movement	Load Securement	10	Y
393.118(d)(3)	Insufficient/improper arrangement of tiedowns	Load Securement	10	Y
393.120	No/improper securement of metal coils	Load Securement	10	Y
393.120(b)(1)	Coil/vertical improper securement	Load Securement	10	Y
393.120(b)(2)	Coils, rows, eyes vertical; improper secure.	Load Securement	10	Y
393.120(c)(1)	Coil/eye crosswise improper securement	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
393.120(c)(2)	X-pattern on coil(s) with eyes crosswise	Load Securement	10	Y
393.120(d)(1)	Coil with eye lengthwise—improper securement	Load Securement	10	Y
393.120(d)(4)	Coils, rows, eyes length—improper securement.	Load Securement	10	Y
393.120(e)	No protection against shifting/tipping	Load Securement	10	Y
393.122	No/improper securement of paper rolls	Load Securement	10	Y
393.122(b)	Rolls vertical—improper securement	Load Securement	10	Y
393.122(c)	Rolls vertical /split—improper securement	Load Securement	10	Y
393.122(d)	Rolls vertical /stacked—improper securement	Load Securement	10	Y
393.122(e)	Rolls crosswise—improper securement	Load Securement	10	Y
393.122(f)	Rolls crosswise/stacked load—improperly secured	Load Securement	10	Y
393.122(g)	Rolls length—improper securement	Load Securement	10	Y
393.122(h)	Rolls lengthwise/stacked—improper securement	Load Securement	10	Y
393.122(i)	Improper securement—rolls on flatbed/curb-side	Load Securement	10	Y
393.124	No/improper securement of concrete pipe	Load Securement	10	Y
393.124(b)	Insufficient working load limit—concrete pipes	Load Securement	10	Y
393.124(c)	Improper blocking of concrete pipe	Load Securement	10	Y
393.124(d)	Improper arrangement of concrete pipe	Load Securement	10	Y
393.124(e)	Improper securement, up to 45 in. diameter	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
393.124(f)	Improper securement, greater than 45 inch diameter	Load Securement	10	Y
393.126	Fail to ensure intermodal container secured	Load Securement	10	Y
393.126(b)	Damaged/missing tiedown/securement device	Load Securement	10	Y
393.126(c)(1)	Lower corners not on vehicle/structure	Load Securement	10	Y
393.126(c)(2)	All corners of chassis not secured	Load Securement	10	Y
393.126(c)(3)	Front and rear not secured independently	Load Securement	10	Y
393.126(d)(1)	Empty container not properly positioned	Load Securement	10	Y
393.126(d)(2)	Empty container, more than 5 foot overhang	Load Securement	10	Y
393.126(d)(4)	Empty container—not properly secured	Load Securement	10	Y
393.128	No/improper securement of vehicles	Load Securement	10	Y
393.128(b)(1)	Vehicle not secured—front and rear	Load Securement	10	Y
393.128(b)(2)	Tiedown(s) not affixed to mounting points.	Load Securement	10	Y
393.128(b)(3)	Tiedown(s) not over/around wheels.	Load Securement	10	Y
393.130	No/improper heavy vehicle/machine securement	Load Securement	10	Y
393.130(b)	Item not properly prepared for transport	Load Securement	10	Y
393.130(c)	Improper restraint/securement of item	Load Securement	10	Y
393.132	No/improper securement of crushed vehicles	Load Securement	10	Y
393.132(b)	Prohibited use of synthetic webbing.	Load Securement	10	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
393.132(c)	Insufficient tiedowns per stack cars	Load Securement	10	Y
393.132(c)(5)	Insufficient means to retain loose parts	Load Securement	10	Y
393.134	No/improper securement of roll/hook container	Load Securement	10	Y
393.134(b)(1)	No blocking against forward movement	Load Securement	10	Y
393.134(b)(2)	Container not secured to front of vehicle	Load Securement	10	Y
393.134(b)(3)	Rear of container not properly secured	Load Securement	10	Y
393.136	No/improper securement of large boulders	Load Securement	10	Y
393.136(b)	Improper placement/positioning for boulder	Load Securement	10	Y
393.136(c)(1)	Boulder not secured with chain	Load Securement	10	Y
393.136(d)	Improper securement—cubic boulder	Load Securement	10	Y
393.136(e)	Improper securement—non-cubic boulder with base	Load Securement	10	Y
393.136(f)	Improper securement—non-cubic boulder without base	Load Securement	10	Y
397.1(a)	Driver/carrier must obey part 397	HM Other	2	Y
397.1(b)	Failing to require employees to know/obey part 397	HM Other	2	Y
397.2	Must comply with rules in parts 390-397—transporting HM	HM Other	2	Y
397.7(a)	Improperly parked explosives vehicle	Fire Hazard - HM	6	Y
397.7(b)	Improperly parked HM vehicle	Fire Hazard - HM	6	Y
397.11(a)	HM vehicle operated near open fire	Fire Hazard - HM	6	Y
397.11(b)	HM vehicle parked within 300 feet of fire	Fire Hazard - HM	6	Y
397.15	HM vehicle fueling violation	Fire Hazard - HM	6	Y
397.17	No tire examination on HM vehicle	HM Other	2	Y

Table 6. CSMS Cargo-Related BASIC Violations ¹⁵

Section	Violation Description Shown on Driver/Vehicle Examination Report Given to CMV Driver after Roadside Inspection	Violation Group Description	Violation Severity Weight¹⁶	Violation in the DSMS (Y/N)
397.19	No instructions/documents when transporting Division 1.1/1.2/1.3 (explosive) materials	Documentation - HM	3	Y
397.19(c)	Required documents not in possession—explosive materials	Documentation - HM	3	Y
397.67	HM vehicle routing violation (non-radioactive materials)	HM Route	1	Y
397.101(b)	Radioactive materials vehicle not on preferred route	HM Route	1	Y
397.101(d)	No or incomplete route plan—radioactive materials	HM Route	1	Y
397.101(e)(2)	Driver not in possession of training certificate	HM Route	1	Y
397.101(e)(3)	Driver not in possession of written route plan	HM Route	1	Y