

Quantified Risk Scale Assessment Tool

Completed by: _____

Date: _____

Instructions:

- One Look through the inventory of driving-related hazards and contributing factors. Think about your drivers, the vehicles they operate and the work-related journeys they make.
- Two Decide which hazards apply. Add hazards you don't see in the inventory. Strike through hazards that do not apply to your workplaces.
- Three Use the Quantified Risk Scoring Guide (see next page) to assign a score for each risk element - exposure, probability and severity. The worksheet calculates the resulting Risk Score for each hazard.
- Four Once all Risk Scores have been calculated, use the Excel "Sort" function to arrange Risk Scores in descending order. Hazards with the highest Risk Scores are your highest priority for action.

Hazard Category	Hazard / Contributing Factor	Frequency of Exposure	Probability of Occurrence	Severity of Consequences	Risk Score
example	<i>insufficient orientation or training: driver lacks necessary competencies or is unfamiliar with procedures to operate vehicle</i>	6	4	6	144
example	<i>route includes intersections or roads with known high crash frequency; uncontrolled railway crossings</i>	6	2	4	48
example	<i>unsecured load</i>	2	10	6	120
driver	Aggressive or high risk driving - failing to yield right of way, following too closely, improper passing, ignoring traffic control device, speeding				0
driver	Distraction - texting or talking on cell phone, using GPS or two-way radio, grooming, eating, involved conversation with passenger, etc.				0
driver	Does not know correct procedures for using equipment (e.g. how to apply tire chains)				0
driver	Does not properly recognize driving-related hazards and/or does not adjust driving accordingly				0
driver	Does not wear seatbelt, does not require passenger to wear seatbelt				0
driver	Driver not familiar with driving responsibilities or route, unprepared				0
driver	Driving too fast for road / traffic conditions				0
driver	Failure to pay attention to driving responsibilities; complacency				0
driver	Fatigue - reduced vigilance, slower reactions, poor decisions				0
driver	Impaired by alcohol, medication or prescription or illicit drugs				0
driver	Insufficient orientation or training: driver does not have necessary skills or is unfamiliar with procedures to operate vehicle				0
driver	Medical condition that could affect driving abilities (e.g. heart condition, sleep apnea)				0
driver	Poor nutrition and/or hydration - fatigue, attitude				0
driver	Poor vision (eye health)				0
driver	Slip, trip or fall while entering or exiting vehicle				0
driver	Violence from passenger				0
					0
					0
					0
					0
					0
					0
journey	Avoidable and unnecessary driving is NOT avoided				0
journey	Backing / reversing				0
journey	Collision with farm animals, wildlife				0
journey	Collision with oncoming vehicle (their fault)				0
journey	Collision with pedestrian or cyclist				0
journey	Congested traffic - unexpected delays, frustration, stress				0
journey	Extreme temperature conditions - severe heat or cold				0
journey	Limited visibility - fog, excessive dust, travelling into sunset or sunrise				0
journey	Long duration trips (more than 2 hours); unpredictable or irregular schedules, shift work, driving between midnight and 6:00 am				0
journey	No trip plan, check-in procedure, emergency procedures or communications device				0
journey	Poor traction conditions - summer: heavy rain, rain after lengthy hot period, winter: freeze / thaw cycles, shaded corners, temperatures a little above or below freezing				0
journey	Poor trip scheduling - unrealistic time allowed, inefficient route selection, avoidable delays not eliminated				0
journey	Route includes intersections or roads with known high crash frequency; uncontrolled railway crossings				0
					0
					0

Hazard Category	Hazard / Contributing Factor	Frequency of Exposure	Probability of Occurrence	Severity of Consequences	Risk Score
vehicle	Car slips off jack during tire change				0
vehicle	Cracked / damaged windshield				0
vehicle	Electrical energy shock (e.g. improper battery boost)				0
vehicle	Faulty brakes				0
vehicle	Faulty head lights, tail lights or signals, etc.				0
vehicle	Improper lockout (e.g. vehicle rolls into another vehicle, person)				0
vehicle	Improperly adjusted mirrors - visibility				0
vehicle	Improperly adjusted seat and headrest - MSI strain, visibility				0
vehicle	Lack of emergency equipment or first aid supplies				0
vehicle	Loose items in cab, disorganized driving workspace				0
vehicle	Sudden release of air pressure from airline or hydraulic pressure (e.g. lift truck, on-board hydraulic equipment)				0
vehicle	Tires not suited for application (e.g. all-season tires rather than winter tires)				0
vehicle	Unsecured, overloaded, or unbalanced load				0
vehicle	Vehicle not maintained according to manufacturer specifications				0
vehicle	Vehicle not selected or equipped for use (e.g. under-powered, wrong axle configuration)				0
vehicle	Vehicles not regularly inspected				0



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