

Hazard ID	Situational Analysis						Hazard Identification						
	Operational Mode	Operational Scenario	Environmental Details	Situation Details	Other Details (optional)	Item Usage (function)	Situation Description	Function	Deviation	Deviation Details	Hazardous Event (resulting effect)	Event Details	Hazardous Event Description
HA-001	CM03 - Normal driving	OS04 - Highway	ENV06 - Raining (slippery road)	SD02 - High speed		BU01 - Correctly used	Normal driving on a highway during rain (slippery road) with high speed and correctly used system	Lane Departure Warning (LDW) function shall apply an oscillating steering torque to provide the driver with haptic feedback	DV04 - Actor effect is too much	The Lane Departure Warning (LDW) function applies too high an oscillating torque to the steering wheel	EV00 - Collision with other vehicle	The driver loses control of the vehicle, cannot keep the lane and collides with another vehicle	The oscillating steering torque provided by the Lane Departure Warning (LDW) function is excessive and causes the driver to lose control of the vehicle
HA-002	CM03 - Normal driving	OS03 - Country road	ENV01 - Normal conditions	SD02 - High speed		BU02 - Incorrectly used	Normal driving on country roads during normal conditions with high speed and incorrectly used system (the driver is missing the lane keeping assistance function as a fully autonomous function)	Lane Keeping Assistance (LKA) function shall apply the steering torque when active in order to stay in ego lane	DV03 - Function always activated	The Lane Keeping Assistance (LKA) is always activated	EV00 - Collision with other vehicle	The driver does not control the vehicle which is not in full autonomous driving, gets out of the lane and collides with another vehicle	The driver misuses the Lane Keeping Assistance (LKA) as if it were meant for autonomous driving
HA-003	CM03 - Normal driving	OS03 - Country road	ENV01 - Normal conditions	SD02 - High speed	Highway lane line markers on the country road are faded	BU01 - Correctly used	Normal driving on country road during normal conditions with high speed and correctly used system with faded lane lines	Lane Departure Warning (LDW) function shall apply an oscillating steering torque to provide the driver with haptic feedback	DV13 - Sensor sensitivity is too low	The sensitivity of the camera is too low	EV00 - Collision with other vehicle	The camera having low sensitivity does not recognize the lane lines and the car exits the lane without warning and collides with another vehicle	The camera sensitivity is too low and it does not recognize faded lane markings
	CM03 - Normal driving	OS04 - Highway	ENV06 - Raining (slippery road)	SD02 - High speed		BU01 - Correctly used	Normal driving on a highway during rain (slippery road) with high speed and correctly used system	Lane Departure Warning (LDW) function shall apply an oscillating steering torque to provide the driver with haptic feedback	DV02 - Function unexpectedly activated	The Lane Departure Warning (LDW) function is unexpectedly activated	EV05 - Front collision with ahead traffic	The Lane Departure Warning (LDW) function is unexpectedly activated causing frustration to the driver and collides with the car in front	The Lane Departure Warning function is unexpectedly activated
HA-004													

