Hazard ID	Situational Analysis							Hazard Identification						Hazardous Event Classification						Determination of ASIL and Safety Goals	
	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	Exposure (of situation)	Rationale (for exposure)	Severity (of potential harm)	Rationale (for severity)	Controllability (of hazardous event)	Rationale (for controllability)	ASIL Determination	Safety Goal
HA-001	OM03-Normal Driving	OS04-Highway	EN06-Rain (slippery road)	SD02-High Speed		IU01-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 applies a very strong oscillating torque to the wheel (above limit).	EV00-Collision with other vehicle	High haptic feedback can affect driver's ability to steer as intended. The driver could lose control of the vehicle and collide with another vehicle or with road infrastructure.	The LDW function applies too high an oscillating torque to the steering wheel (above limit).	E3 - Medium probability	The rain probability of occurence depends on each Earth zone, time year. In the worst cases, it rains around 50% of the year.	S3-Life-threatening or fatal injuries	The driver is traveling at high speed	C3-Difficult to control or uncontrollable	Vehicle control when there is a strong vibration is hard and surprising.	C	The oscillating steering torque from the Lane Departure Warning function shall be limited.
HA-002	OM03-Normal Driving	OS03-Country Road	EN01-Normal Conditions	SD02-High Speed		IU01-Incorrectly used	Normal driving on country roads during normal conditions with high speed (the driver is misusing the lane keeping assistance function as an autonomous function).	Lane Keeping Assistance (LKA) function shall apply the steering torque when active in order to stay in ego lane	DV03 - Function is always activated	Lane Keeping is always activated.	EV00-Collision with other vehicle	The driver misuses the Lane Assistance function by taking both hands off the wheel and incorrectly treating the car as a fully autonomous vehicle.	The driver does not use the function properly and the LKA is always on	E2-Low probability	The driver is on a country road and misusing the system.	S3-Life-threatening or fatal injuries	The driver is traveling at high speed	C3-Difficult to control or uncontrollable	Because hands aren't on the wheel at high speeds, a vehicle accident would not be controllable.	B	The Lane Keeping Assistance function shall be time limited, and additional steering torque shall end after a given time interval so the driver cannot misuse the system for autonomous driving.
HA-003	OM03-Normal Driving	OS02-City Road	EN06-Rain (slippery road)	SD01-Low speed		IU01-Correctly used	Normal driving on a city road during rain (slippery road) with low 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 applies a very strong oscillating torque to the wheel (above limit).	EV00-Collision with other vehicle	High haptic feedback can affect driver's ability to steer as intended. The driver could lose control of the vehicle and collide with another vehicle or with road infrastructure.	The LDW function applies too high an oscillating torque to the steering wheel (above limit).	E3 - Medium probability	The rain probability of occurence depends on each Earth zone, time year. In the worst cases, it rains around 50% of the year.	S2-Severe and life-threatening injuries	The driver is traveling at low speed. A collision may occur but since speed is slow, the effects are reduced.	C3-Difficult to control or uncontrollable	Vehicle control when there is a strong vibration is hard and surprising.	B	The oscillating steering torque from the Lane Departure Warning function shall be limited.
HA-004	OM03-Normal Driving	OS04-Highway	EN01-Normal conditions	SD02-High Speed		IU01-Correctly used	Normal driving on a city road during normal conditions 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 applies a very strong oscillating torque to the wheel (above limit).	EV00-Collision with other vehicle	High haptic feedback can affect driver's ability to steer as intended. The driver could lose control of the vehicle and collide with another vehicle or with road infrastructure.	The LDW function applies too high an oscillating torque to the steering wheel (above limit).	E4-High probability	Normal conditions are expected almost everytime the car is driving.	S3-Life-threatening or fatal injuries	The driver is traveling at high speed	C3-Difficult to control or uncontrollable	Vehicle control when there is a strong vibration is hard and surprising.	D	The oscillating steering torque from the Lane Departure Warning function shall be limited.