

Hazard ID	Situational Analysis										Hazardous Event Classification										Determination of A SIL and Safety Goals	
	Operational Mode	Operational Scenario	Environmental Factors	Situation Details		Item Usage Footprint	Situation Description	Function	Deviation	Deviation Details		Event Details	Hazardous Event Identification	Exposure (if deviation)	Initiators (if deviation)	Severity (if deviation)	Consequence		Mitigation (if deviation)	Residual (if deviation)	A SIL	Safety Goal
H0-001	CMV - Normal Driving	OSM - Highway	ENV - Rain/Slippery	SD01 - High speed		LD01 - Control	Normal driving on a highway during rain	Lane Departure	CD01 - Alert	The Lane Departure	CD01 - Collision with	High traffic feedback can affect	The Lane Departure Warning	C3 - Medium	Driving on a highway with rain	C3 - Life-threatening or	High speed collision	C3 - Difficult to control	It is very difficult for a driver to control the car in	C	The collision warning system from the	
H0-002	CMV - Normal Driving	OSM - Country Road	ENV - Normal	SD02 - Low speed		LD02 - Assistance	Normal driving on a country road during	Lane Keeping	CD02 -	Lane Keeping function is	CD02 - Collision with	Driver misuses the feature as an	The driver does not use the	E2 - Low	Driving on a country road at night	E2 - Life-threatening or	High speed collision	C3 - Difficult to control	Since driver's both hands are on the steering	B	The Lane Keeping Assistance function	
H0-003	CMV - Normal Driving	OSM - Highway	ENV - Normal	SD03 - High speed		LD03 - Control	Normal driving on a country road during	Lane Departure	CD03 -	The camera sensor stop	CD03 - Collision with	The Lane Departure Warning	The Lane Departure Warning	E3 - Medium	Driving on a highway with rain	E3 - Life-threatening or	High speed collision	C3 - Difficult to control	When the driver loses control of the vehicle is	C	The Lane Departure Assistance function	
H0-004	CMV - Normal Driving	OSM - Country road	ENV - Normal	SD04 - Low speed		LD04 - Control	Normal driving on a country road during	Lane Keeping	CD04 -	The camera sensor stop	CD04 - Collision with	The Lane Departure Warning	The Lane Departure Warning	E3 - Medium	Driving on a highway with rain	E3 - Life-threatening or	High speed collision	C3 - Difficult to control	When the driver loses control of the vehicle is	C	The Lane Departure Assistance function	