

TPRD Direction

TPRD Direction Proposal

(b) Storage system TPRDs. **With the vehicle on a level surface, the hydrogen gas discharge from TPRD(s) of the storage system shall be directed upwards within 20° of vertical relative to the level surface or downwards within 45° of vertical relative to the level surface. Additionally, the hydrogen gas discharge from TPRD(s) of the storage system shall not be directed:**




(i)	Into enclosed or semi-enclosed spaces;	LDV+HDV
(ii)	Into or towards any vehicle wheel housing;	
(iii)	Towards hydrogen gas containers;	
(iv)	Forward from the vehicle , or horizontally (parallel to road) from the back or sides of the vehicle.	
(v)	Towards the vehicle's REESS	
(vi)	Towards any [emergency] exit(s) (for Category 1-2)	HDV

[Drafted language]

- The hydrogen gas discharge from TPRD(s) of the storage system shall not be directed towards any exit(s).

[Our discussion in last OICA meeting]

- Proposal to separate requirement for LDV vs HDV (towards emergency exits would apply for HDV only).

Category 1-1 (LDV)	Category 1-2 (HDV)	Category 2 (LDV/HDV)
		
<ul style="list-style-type: none"> • Small # of passenger(s) • No emergency exit 	<ul style="list-style-type: none"> • Large # of passenger(s) • Having emergency exit(s) 	<ul style="list-style-type: none"> • Small # of passenger(2) • No emergency exit • Doors configuration is similar to Category 1-1
<p style="text-align: center;">Not apply</p>	<p style="text-align: center;">Apply</p>	<p style="text-align: center;">Not apply</p>

JAMA suggests the language of “towards emergency exits” would apply for Category 1-2 only.