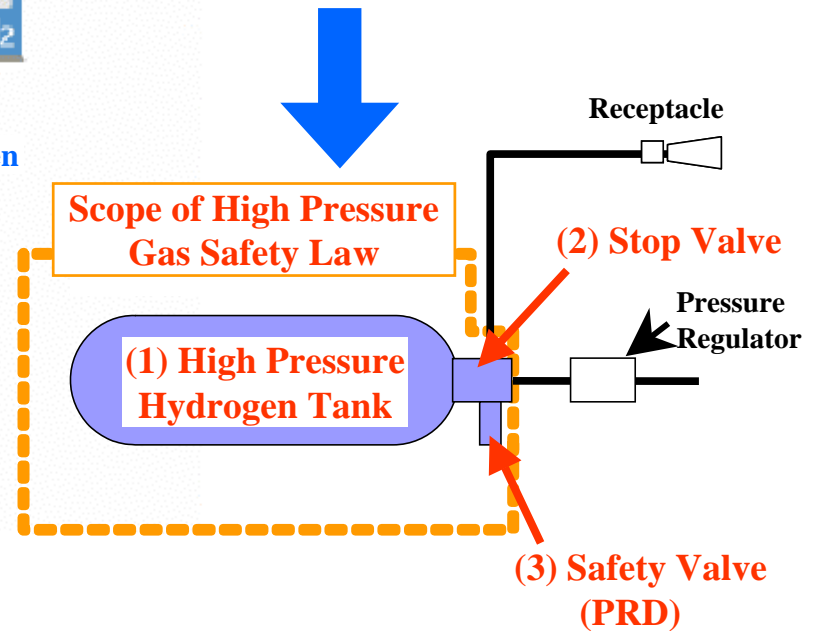
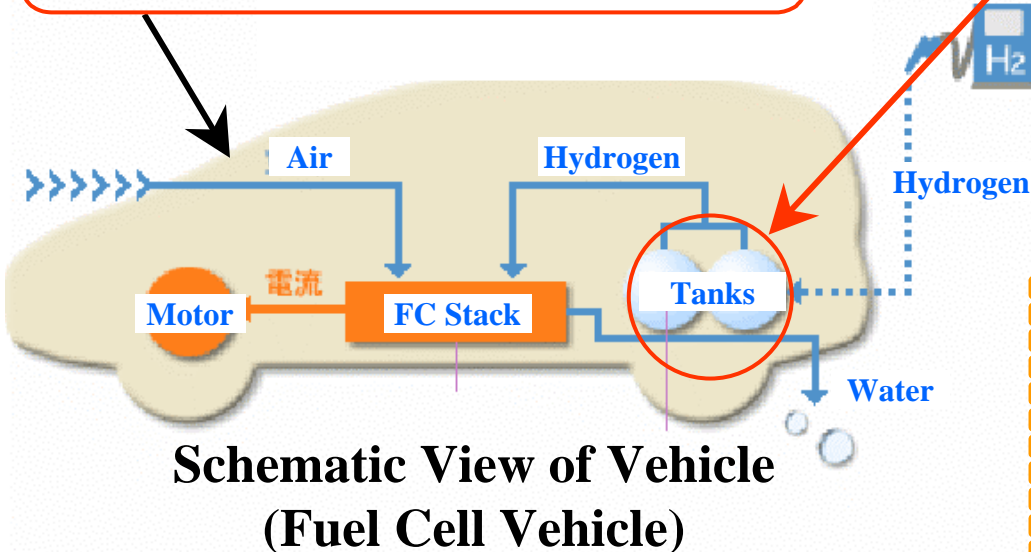


Scope of Regulation

Vehicle : Road Transportation Vehicle Law (MLIT)

Tanks & Component (High Pressure Gas Safety Law)



Tanks & Component Regulation:
(1) High Pressure Hydrogen Tank → JARI S001
(2) Stop Valve & (3) Safety Valve (PRD) → JARI S002

Technical standard

Vehicle: Road Transportation Vehicle Law (MLIT)

Safety Regulations (guide line) excerpt	Announcement Prescribing Details of Safety Regulations (details of guide line)		Technical requirements excerpt	
Safety Regulation Article 1 Safety Regulation Article 1-3 Safety Regulation Article 17 Safety Regulation Article 17-2	Chapter1 : General provisions		Attachment 17	
	Chapter 2 : DETAILS OF SAFETY REGULATIONS THAT APPLY TO MOTOR VEHICLES	Designated Motor Vehicles, etc. to Be Newly Used for Operation	APD Article 1 to Article 4 APD Article 5 to Article 82	Attachment 38
		Motor Vehicles, etc. to Be Newly Used for Operation, Except for Designated Motor Vehicles,	APD Article 83 to Article 160	Attachment 84 Attachment 86
		In-Use Motor Vehicles	APD Article 161 to Article 238	Attachment 100 Attachment 101
		Chapter 3 : DETAILS OF SAFETY REGULATIONS THAT APPLY TO MOTOR-DRIVEN CYCLES		APD Article 239 to Article 254 APD Article 255 to Article 270

Regulatory Framework for Hydrogen Safety

Attachment 23
Technical Standard for Occupant Protection in Frontal Collision
(No provisions on fuel leak test)

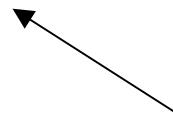
Attachment 24
Technical Standard for the Protection of the Occupants in the Event of a Lateral Collision
*** Provisions on fuel leak test in lateral collision**
(Liquid fuel)



Attachment 17
Technical Standard for Fuel Leakage in Collision, etc.
*** Provisions on fuel leak test in frontal/rear collision**
(Liquid fuel & compressed hydrogen gas)



Attachment 100
Technical Standard for Fuel Systems of Motor Vehicles Fueled by Compressed Hydrogen Gas
*** Provisions on fuel leak test in lateral collision**
(Compressed hydrogen gas)



HFCV-related regulation

Regulatory Framework for Electrical Safety

Electrical safety
under normal conditions

Current ECE R100

Electric vehicle

Hybrid vehicle

Electrical safety
in collisions

Electric vehicle

Hybrid vehicle

A new regulation on electrical safety
currently under discussion at MLIT

Fuel cell vehicle

Protection against
electric shock

Protection against
electric shock
caused by
refrigerant

Fuel cell vehicle

Safety issue specific to the fuel cell vehicle

***Attachment 101 Technical Standard for
Protection of Occupants Against High
Voltage in Fuel Cell Vehicles***

The same technical requirements in a new regulation