**Scope of Regulation**

**Vehicle:** Road Transportation Vehicle Law (MLIT)

**Tanks & Component (High Pressure Gas Safety Law):**

1. High Pressure Hydrogen Tank → JARI S001
2. Stop Valve & (3) Safety Valve (PRD) → JARI S002

**Technical standard**

**Schematic View of Vehicle (Fuel Cell Vehicle):**
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</table>
Regulatory Framework for Hydrogen Safety

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

Attachment 24
* 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

Safety issue specific to the fuel cell vehicle

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