

USFCC Codes and Standards Priority Matrix

SIGNIFICANCE TO COMMERCIALIZATION

← *More Critical*

	A: Essential To or Enables Commercialization	B: Important to Commercialization	C: Supports Commercialization
1: Requires Additional Resources to Succeed	<p><i>ICC & NFPA Model Building Codes – NFPA 2, 30A, 52, 55</i></p> <p>CSA HGV 4.X Series</p> <p>Global Technical Regulations (GTRs) for Vehicles</p> <p>New York City Construction & Fire Codes</p> <p>Cargo Shipping regulations of Fuel Cells and fuel cell Vehicles</p> <p>IEC Micro Fuel Cell Standards IEC TC 105 WG#8</p>	<p>IEEE 1547.XX, Interconnection of Distributed Generation – Application Guides</p> <p>State Permitting Templates (C&S Gaps Analysis): California</p>	<p>Propane Quality (Odorant) Standards</p> <p>ASME B31.12 H2 Piping and Pipeline Code</p>
2: An Appropriate Level of Resources are Being Applied	<p>International Electrotechnical Commission Standards</p> <p>Micro Fuel Cell Regulations</p> <p>CSA/ANSI FC.1, Fuel Cell Power Systems</p> <p>NFPA 853, Fuel Cell Installation</p> <p>NFPA 70 (National Electrical Code) Article 692, Fuel Cell Systems</p> <p>Revision to FMVSS 305 and SAE J1766, Post Collision Electrical Safety in Vehicles</p> <p>FMVSS for High-Pressure Compressed Hydrogen Storage in Vehicles, CSA NGV/HGV, and SAE J2579 for vehicle hydrogen systems</p> <p>SAE J2579- H2 Storage Systems</p> <p>SAE J2578- H2 Vehicle Safety</p> <p>IEC Micro Fuel Cell Standards IEC TC 105 WG#10</p> <p>HIPOC (Hydrogen Industry Panel on Codes)</p> <p>ISO TC 197 WG #10 – Metal Hydride Safety Standards</p> <p>Hydrogen Quality Standards(ASTM, CGA, ISO, SAE)</p>	<p>IEC TC 105 Single Cell Test Protocols</p> <p>California Air Resources Board Emissions Regulations for Stationary Generation</p> <p>Portable Fuel Cell Regulations</p> <p>UL 2266 on Fuel Cells in Telecomm applications</p> <p>UL 2265 - Micro Fuel Cell Standards,</p> <p>CSA/ANSI FC.1 - Portable Fuel Cell Standard</p> <p>IEEE 1547 - Interconnection of Distributed Generation</p> <p>ISO TC 197 WG#9 – Hydrogen Generators</p> <p>Revision to J2578, FCVs</p> <p>UL 2267 on Fuel Cells in Lift Truck applications</p> <p>ISO TC 22 SC21 Hydrogen Vehicle Standards</p> <p>Hydrogen Sensor Standards – ISO TC 197, UL 2075, ANSI/ISA 12.13.01/02</p>	<p>Stack Material & Components Protocols / Round Robins / Standardization / Investigations</p> <p>IEC TC 105 WG#9 – Micro Fuel Cell Performance</p> <p>IEC TC 105 WG#4 – Fuel Cell Performance</p> <p>IEC TC 105 WG#7 – Portable Fuel Cell Performance</p> <p>ASME PTC 50 – Fuel Cell Performance</p> <p>ASME Materials for a Hydrogen Economy</p> <p>FCTESTNET/QA</p>
3: Resources Beyond Needs are Being Applied or Activity not Urgent		<p>SAE performance, sustainability, and terminology documents for Fuel Cell Vehicles</p>	<p>Standardized Industry Error Codes</p> <p>Performance based standard for approving Hydrogen components</p>

FUNDING
Requires Additional Resources →

Most recent changes are **HIGHLIGHTED**.