

HYDROGEN FUELING STATION INSPECTION CHECKLIST

GENERAL INFORMATION

Name: _____

Date: _____

Location: _____

Storage & Supply Systems

- ☐ Yes ☐ No — Hydrogen storage vessels show no visible damage
- ☐ Yes ☐ No — Storage pressure readings remain within approved limits
- ☐ Yes ☐ No — Storage valves and fittings show no visible leaks
- ☐ Yes ☐ No — Pressure relief devices show no visible damage

Piping & Connections

- ☐ Yes ☐ No — Hydrogen piping shows no visible damage or corrosion
- ☐ Yes ☐ No — Pipe supports and connections are secure
- ☐ Yes ☐ No — Flexible hoses show no cracks or excessive wear
- ☐ Yes ☐ No — Isolation valves operate according to procedures

Dispenser & Nozzle

- ☐ Yes ☐ No — Dispenser enclosure shows no visible damage
- ☐ Yes ☐ No — Fueling nozzle and coupling show no visible wear

☐ Yes ☐ No — Hose retraction and breakaway devices are secure

☐ Yes ☐ No — Dispenser display and controls function correctly

Compressors & Cooling Systems

☐ Yes ☐ No — Compressor operates without abnormal noise or vibration

☐ Yes ☐ No — Compressor seals and connections show no visible leaks

☐ Yes ☐ No — Cooling systems operate properly

☐ Yes ☐ No — Operating temperatures remain within approved limits

Leak Detection & Ventilation

☐ Yes ☐ No — Hydrogen detectors are operational and tested as scheduled

☐ Yes ☐ No — Ventilation openings are clear and unobstructed

☐ Yes ☐ No — Vent stacks are secure and unobstructed

☐ Yes ☐ No — Leak detection alarms function properly

Electrical & Emergency Systems

☐ Yes ☐ No — Electrical equipment shows no visible damage

☐ Yes ☐ No — Emergency shutdown controls are accessible

☐ Yes ☐ No — Emergency shutdown systems function properly

☐ Yes ☐ No — Grounding and bonding connections are secure

Fire Protection & Site Safety

- ☐ Yes ☐ No — Required fire protection equipment is accessible
- ☐ Yes ☐ No — Safety signs and hazard labels are legible
- ☐ Yes ☐ No — Restricted areas and protective barriers are secure
- ☐ Yes ☐ No — Emergency access routes remain unobstructed

FINAL NOTES

Inspector Name: _____

Inspector Email: _____

Inspection Date: _____

☐ I confirm this inspection was completed accurately

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