

## Declaration

**P000484068HGV21 – Ext.:00**



Issued September 26, 2025 Page 1

Based on: P000484068

Kiwa Nederland B.V. hereby declares that the

### Type: 6D series fittings

Complies with the requirements of CSA/ANSI HGV 3.1:22

Fuel system components for compressed hydrogen gas powered vehicles

Complying with following subcomponents requirements:

~~Clause 8 Check valves~~

~~Clause 9 Manual valves~~

~~Clause 10 Manual container valves~~

~~Clause 11 Automatic valves and automatic container valves~~

~~Clause 12 Hydrogen injectors~~

~~Clause 13 Pressure sensors, temperature sensors, and pressure gauges~~

~~Clause 14 Pressure regulators~~

~~Clause 15 Pressure relief valves~~

~~Clause 16 Pressure relief devices~~

~~Clause 17 Excess flow valves~~

~~Clause 18 Gastight housing and leakage capture passages~~

~~Clause 19 Rigid fuel lines~~

~~Clause 20 Flexible fuel lines, hoses, and assemblies~~

~~Clause 21 Filter assemblies~~

~~Clause 22 Fittings~~

~~Clause 23 Non-metallic low pressure rigid fuel lines~~

~~Clause 24 Discharge line closures~~

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This certificate consists of 2 page(s).

Disclosure of the declaration is permitted

**Appendix no.1**

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Examination report: P000484068

**P000484068HGV21 – Ext.:00****Type break down (including specifications):****6D series fittings**

|                    |   |                                                                                                                                                 |
|--------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval number(s) | : | P000484068MECH151 - Ext.:00<br>P000484068HGV21 - Ext.:00                                                                                        |
| Marking number(s)  | : | N.A.                                                                                                                                            |
| Manufacturer       | : | FITOK Incorporated                                                                                                                              |
| Type               | : | 6D series fittings                                                                                                                              |
| Variant(s)**       | : | Straight connectors<br>Elbows<br>Tees                                                                                                           |
| Connection types   | : | Tube end: -FL4, -FL5, -FL6, -FL8, -FL10, -ML8, -ML10, -ML12<br>SAE Thread end: -ST7, -ST8, -ST9, -US7, -US8, -US9<br>NPT Thread end: -NS4, -NS8 |
| Working pressure   | : | 35 MPa (350 bar)                                                                                                                                |
| Classification     | : | N.A.                                                                                                                                            |
| Temperature range  | : | -40 °C up to 85 °C                                                                                                                              |
| Material(s)        | : | 316SS<br>FKM                                                                                                                                    |

\*FITOK TMP series tubing made of 316L material is used for the testing.

\*\* See for details report P000484068.