



Certificate of Compliance

Certificate: 1571390

Master Contract: 182241

Project: 80072725

Date Issued: 2021-03-04

Issued To: Swagelok Company
29500 Solon Rd
Solon, Ohio, 44139-3492
United States

Attention: Ron Edmondson

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: *Michael Bodish*
Michael Bodish



PRODUCTS

CLASS - C331504 - NATURAL GAS VEHICLE (NGV) Fuel System Components

CLASS - C331506 - NATURAL GAS VEHICLE (NGV) Manual Valves for Natural Gas Dispensing Systems

CLASS - C331584 - NATURAL GAS VEHICLE (NGV) Fuel System Components-Certified to U.S.

Standards

CLASS - C331586 - NATURAL GAS VEHICLE (NGV) - Manual Valves for Natural Gas Dispensing Systems - Certified to US Standards

MODELS:

SS-AFSS6

SS-AFSS8

SS-AFSS12

SS-AFSS12MM

SS-AFSS16MM

CONNECTION:

3/8-inch TUBE FITTING

1/2-inch TUBE FITTING

3/4-inch TUBE FITTING

12mm TUBE FITTING

16mm TUBE FITTING



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SS-AFSF6	3/8-inch FEMALE NPT
SS-AFSF8	1/2-inch FEMALE NPT
SS-AFSF8RT	1/2-inch FEMALE ISO TAPER

APPLICABLE REQUIREMENTS

ANSI NGV 3.1-2014 • CSA 12.3-2014 *FUEL SYSTEM COMPONENTS FOR NATURAL GAS POWERED VEHICLES*

ANSI/IAS NGV 4.6-1999 • CSA 12.56-M99 (*Reaffirmed 2004*) *MANUALLY OPERATED VALVES FOR NATURAL GAS DISPENSING SYSTEMS*



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80072725	2021-03-04	Update drawings PNY-5-AFS, SAS-01491, and MS-02-303 in certificate 1571390. Quote assumes no testing or advanced assessment required.
70218108	2019-12-19	Update to report 1571390 to include new drawings revisions and update to the latest standard per Gas Products Notice 335 related to ANSI NGV 3.1-2014 / CSA 12.3-2014.
0002705408	2014-04-25	Update to ANSI NGV 3.1-2012 / CSA NGV 12.3-2012 in accordance with GAS Products Notice 270.
0002170416	2009-05-14	File Transfer, Report update; combination of Certificate of Compliance 182241-1571390 and 182241-1580915. Add Manufacturing and Production Test Plan. Update Figures 31 and 36.
0001859188	2007-01-16	Update certification per NGV 3.1 for alteration made to the SS-AFS Valves; addition of PTFE or ADLC coated balls, 316 SS Condition B per ASTM A276 stem material, and PTFE based Swagelok Lubricant Number WL21. Increased rated pressure to 4,500 PSIG.
0001611929	2004-11-16	Addition of manual valve class to certification
0001571390	2004-07-29	Certification to NGV 3.1