

ISSUE DATE: March 31, 1999

CERTIFICATE AUTHORIZATION NUMBER: 1014



THIS IS TO CERTIFY THAT

Check-All Valve Mfg. Co.

1800 Fuller Road, West Des Moines, IA 50265

is hereby authorized to continue to apply the  
3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Number 58-01  
58-01 (Vacuum Breakers and Check Valves)

set forth below

COP Models: 3S Cartridge Series Check Valves and Vacuum Breakers for Sanitary Tubing, Models 3SC-05, 3SC-075, 3SC-100, 3SC-150, 3SC-200, 3SC-250, 3SC-300, 3SC-400, and 3SC-600. Sizes 1/2" - 6" Check Valves and Vacuum Breakers.

VALID THROUGH: **December 31, 2017**

Timothy R. Rugh  
Executive Director  
3-A Sanitary Standards, Inc.

The issuance of this process certificate for the listed Accepted Practices is based upon the voluntary certification, by the applicant for it, that the equipment listed above conforms fully with the 3-A Accepted Practice(s) designated. Legal responsibility for conformance is solely that of the holder of this Process Certificate, and 3-A Sanitary Standards, Inc. does not warrant that the holder of a certificate at all times conforms with the provisions of the said 3-A Accepted Practice(s). This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance had been established.

NEXT TPV INSPECTION/REPORT DUE: **December 2019**

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3S valve descriptions to use as a specification: Valve, check insert style. 3-A compliant (3rd party verified). 32 Ra or better finish. 316/316L construction. Seat and outer seal material options include 3-A and USP Class VI compliant EPDM, Silicone, Viton®, Aflas®, and Kalrez® (additional options available). Outer seals replace gasket and seal the valve on the ID of standard sanitary ferrules. Field repairable and cleanable design. Max. valve OD = nominal line size. Customer to specify line size, seat and seal materials, finish requirements, and desired spring cracking pressure. Check-All style 3S, sizes 1" through 4".

Trademarks Used

Aflas® - AGC Chemicals Americas, Inc. - Kalrez® - E.I. du Pont de Nemours and Company Viton® - E.I. du Pont de Nemours and Company