

Certificate Number: 17-021



Certificate of Compliance

Presented to

PBM Valve Solutions Technology Corporation

The BioProcess Institute certifies that, based on ASME BPE-2016 Part SD (Systems Design), the PBM Igenix™ Radial Diaphragm Valve (Silicone) in sizes ½", 1", 1½", 2", and 3" is the same or more drainable than a pipe inclined at ¼" per 12" (1.2°).

*The testing associated with the Drainability studies are summarized in the following reports issued by The BioProcess Institute:
Projects #1514.8, 1643, 1649, 1702.1, 1702.2, and 1702.3.*

A handwritten signature in blue ink that reads 'J. D. Vogel'.

James D. Vogel

Founder & Managing Director

THE BIOPROCESS INSTITUTE

05 JAN 2018

Date

Certificate Number: 17-022



Certificate of Compliance

Presented to

PBM Valve Solutions Technology Corporation

The BioProcess Institute certifies that, based on ASME BPE-2016 Part SD (Systems Design), the PBM Igenix™ Radial Diaphragm Valve (Silicone) in sizes 1", 1½", 2", and 3" is cleanable after a typical cleaning cycle.

The testing associated with the Cleanability studies are summarized in the following reports issued by The BioProcess Institute:

Projects #1514.8, 1643, 1649, 1702.1, 1702.2, 1702.3, and 1745.

A handwritten signature in blue ink, appearing to read 'J.D. Vogel', is written over a horizontal line.

James D. Vogel

Founder & Managing Director

THE BIOPROCESS INSTITUTE

A handwritten date '05 JAN 2018' is written in blue ink over a horizontal line.

Date