



1 **Product Certificate of Attestation**

2 Equipment intended for use in potentially explosive atmospheres

3 Certificate Number: ExVeritas 20 ASSY 0658X

4 Equipment: ATEX Anti-Static Vacuum Accessory System SVA38/EX-PRO

5 Manufacturer: SpaceVac International

6 Address: Unit 3 JBJ Business Park, Northampton Road  
Blisworth Northampton, NN7 3DW  
United Kingdom

8 ExVeritas, certifies that this equipment or protective system has been found to comply with the listed Technical Documentation requirements as listed below assessed in ExVeritas R2041A and as relating to EN 80079-36 and EN 80079-37 as assessed within ExVeritas report R1489A.

NFPA 484: 2019; NFPA 652: 2016 NFPA 654: 2017

10 This Product Verification Certificate relates only to the examination and test of the specified models on the schedule to this certificate at the time of the assessment and does not include ongoing surveillance of the equipment production. The quality management for continued compliance is under the responsibility of the manufacturer.

On behalf of ExVeritas

A handwritten signature in black ink, appearing to be 'S Clarke', written over a white background.

S Clarke  
Certification Manager

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The certificate is only valid when it carries an original signature.

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## Schedule

### 12 Product Description

The SpaceVac SVA38/EX-PRO ATEX Anti-Static Vacuum Accessory System is a system of poles, hoses, adaptors and brushes for use with dust collection systems. The system is constructed to prevent ignition of combustible dusts during collection.

### 13 Descriptive documents.

#### 13.1 Associated Report and Certificate History:

| Report Number | Rep Issue Date | Issue | Comment         |
|---------------|----------------|-------|-----------------|
| R1489/A/2     | 19-Dec-2019    | A     | ATEX Assessment |
| R2041/A/1     | April 2020     | A     | NFPA Assessment |

#### 13.1 Associated Technical Documentation:

| Technical Documents            |               |             |            |
|--------------------------------|---------------|-------------|------------|
| Title:                         | Drawing No.:  | Rev. Level: | Date:      |
| SVA38-RB-EX (Brush Adapter)    | SVA38-RB-EX   | 1.0         | 20/03/2020 |
| SVA38-PUR-H (PUR Hose)         | SVA38-PUR-H   | 1.0         | 18/03/2020 |
| SVA38-HEADS (Angled Head)      | SVA38-HEADS   | 1.0         | 20/03/2020 |
| SVA38-HA-EX (Hose Adapter)     | SVA38-HA-EX   | 1.0         | 20/03/2020 |
| SVA38-GN-EX (Pole End)         | SVA38-GN-EX   | 1.0         | 18/03/2020 |
| SVA38-FLT-EX (Flate Pole End)  | SVA38-FLT-EX  | 1.0         | 20/03/2020 |
| SVA38-EVA-H (EXV Hose)         | SVA38-EVA-H   | 1.0         | 18/03/2020 |
| SVA38-CN-EX (Pole End)         | SVA38-CN-EX   | 1.0         | 18/03/2020 |
| SVA38-16-EX (Pole Connection)  | SVA38-16-EX   | 1.0         | 06/08/2019 |
| SVA38-08P-EX (Pole Connection) | SVA38-08P-EX  | 1.0         | 06/08/2019 |
| SVA-EX-LABELS                  | SVA-EX-LABELS | 1.0         | 06/08/2019 |

### 14 Special conditions of Certification

#### Conditions for All Uses

1. SpaceVac equipment shall be inspected before each use. Equipment shall be cleaned as required to ensure accumulation of excessive dust does not occur.
2. If the SpaceVac system is used to recover different materials, it must be cleaned prior to use. Take caution to ensure that the cleaning method, including the use of water, is compatible with the materials being

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cleaned. It is the responsibility of the owner/operator to ensure that the change of material does not impact the effectiveness of the system. Do not use with materials that are incompatible with the construction of the extension poles and accessories.

3. The SpaceVac anti-static system shall be bonded to an independent earthing point at all times during use. This shall be achieved primarily by the SpaceVac conductive hose which is then connected to a suitable, third party independently certified and approved extraction system. An additional and independent earthing point can also be found located at the bottom of the pole system, where the hose connects. A captive nut is provided to enable easy connection to a secondary earthing point if required.
4. Electrical continuity between each pole is ensured by two methods:
  - a. The contact area of interference fit provided by the pole "socket and sleeve" method of joining which is then secured by a harmonic spring locking button which locates into a receiving hole.
  - b. A second spring button which pushes against the internal surface of both poles
5. The bonding of the extension poles and accessories to each other and the system grounding shall be periodically verified and documented. Frequency when part of a fixed system shall be at least annually, or before each use when newly assembled or part of a mobile system.
6. Equipment is not intended for use as a pneumatic conveying system operating at above surrounding atmospheric pressure.
7. The length of connected poles and hosing should be kept to the minimum required to achieve the task.
8. If equipment is used with wet or damp material additional consideration shall be given to air velocity and maintenance/cleaning schedule to ensure no accumulation occurs within the system.
9. The SpaceVac system has not been assessed for use with nanomaterials

Conditions for use with Metal Dusts:

10. In accordance with NFPA 484 - Important information specific to the removal of metal dusts:
  - a. 7.4.1 - "Preliminary clean-up of the bulk of the spilled powder shall be accomplished by using conductive, non-sparking scoops and soft brooms as well as brushes that have natural fibre bristles."
  - b. 7.5.1 and 9.5.1 - "Vacuum cleaning systems shall be used only for removal of dust accumulations too small, too dispersed, or too inaccessible to be thoroughly removed by hand brushing."

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