

# **FIELD VERIFICATION OF EQUIPMENT AT INSTALL IS REQUIRED!**

**Field verifications of equipment installations are required as required by IFC 2018 and NFPA 1, 2018 for all instances that PSI's engineering peer review is used to gain approval from an Authority Having Jurisdiction (AHJ).**

**The design of this equipment has been found suitable for use provided that the equipment is fabricated and assembled using the components listed on the design documentation provided for the engineering peer review.**

**The engineering peer reviews offers conditional approval of the equipment design only.**

**At installation, the equipment must be successfully field verified by PSI to confirm the equipment was supplied and installed in accordance with this report in accordance with (IFC 3904.4) and (NFPA 1: 38.6.1.5.6.1).**



April 24, 2019

RE: Engineering Peer Review 201902013 Revision 0

Dear Colorado Extraction Systems Customer,

The design of Colorado Extraction Systems model SprayVap-UL has been evaluated by a Professional Engineer (AZ/CA/CO/FL/HI/ID/MA/MD/ME/MI/MN/ND/NV/NY/OH/OK/OR/PA/SC/TN/TX/WA) and found suitable for use, providing:

1. At installation, the equipment is successfully field verified by PSI to confirm the equipment is installed in accordance with Engineering Peer Review 201902013 Revision 0 (IFC 2018/NFPA1 2018)
2. At installation, the facility engineer of record shall ensure that adequate ventilation is installed. The capture velocity shall ensure that a flammable concentration of vapors cannot exceed 25% LEL.

The SprayVap-UL has been reviewed using the following codes and standards:

- *Arizona Fire Code 2016 Edition (Based upon IFC 2012)*
- *California Fire Code 2016 Edition (Based upon IFC 2015)*
- *International Fire Code 2018 Edition*
- *New York State Uniform Fire Prevention and Building Code 2017*
- *Oregon Fire Code 2014 (Based upon IFC 2012)*
- *Washington Fire Code 2015 Edition (WAC 51-54A, Based upon IFC 2015)*
- *NFPA 1 Fire Code, 2018 Edition*
- *NFPA 30 Flammable and Combustible Liquids Code, 2018 Edition*
- *ASME Boiler and Pressure Vessel Code, Section VIII, Division 1, 2017 Edition*

Please direct all technical questions to Colorado Extraction Systems.

**This is not a field verification letter** and therefore **does not include a serial number or installation address** for the equipment.

Chris J. Witherell, PE AZ/CA/CO/FL/HI/MA/ME/MI/MN/NV/OH/OR/WA

**Chris Witherell**

Digitally signed by Chris Witherell  
DN: cn=Chris Witherell, o=Pressure Safety Inspectors,  
LLC, ou=Founding Partner,  
email=chris@psinspectors.com, c=US  
Date: 2019.04.24 15:27:54 -06'00'

John Andrzejczak, PE

**John Andrzejczak**

CA/CO/ID/MD/ND/NY/OK/PA/SC/TN/TX/WA  
Digitally signed by John Andrzejczak  
DN: cn=John Andrzejczak, o=Pressure Safety  
Inspectors, LLC, ou=Founding Partner,  
email=john@psinspectors.com, c=US  
Date: 2019.04.24 15:20:09 -06'00'

**THIS IS NOT A FIELD VERIFICATION LETTER**