

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).



August 1, 2019

RE: Engineering Peer Review 201403005 Revision 10

Dear Apeks Supercritical Customer,

The design of Apeks Supercritical models 1500-1L, 1500-xL, 2000-xL, i2000-xLD, 2000-xL (manual), 2000-xLxLDU, 2000 4X20 DUPLEX, 5000-xL, 5000-xLxL DP, & 5000 20LX20L2ST have 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, and 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 201403005 Revision 10 (IFC 2018/NFPA1 2018)
2. At installation, all pressure relief devices must be vented to exhaust piping.

The 1500-1L, 1500-xL, 2000-xL, i2000-xLD, 2000-xL (manual), 2000-xLxLDU, 2000 4X20 DUPLEX, 5000-xL, 5000-xLxL DP, & 5000 20LX20L2ST have 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 55 Compressed Gases and Cryogenic Fluids Code, 2013 Edition*
- *ASME Boiler and Pressure Vessel Code, Section VIII, Division 1, 2017*

Please direct all technical questions to Apeks Supercritical.

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

John R. Andrzejczak, PE CA/CO/ID/MD/ND/NY/OK/PA/SC/TN/TX/WA

THIS IS NOT A FIELD VERIFICATION LETTER