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SPS Seismic Pipe Stand (Fixed Height) and SPSA (Adjustable Height) Installation Instructions

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SPS

SPSA

INSTRUCTIONS

- Ensure the mounting surface is flat and adequate to provide anchorage for the specific seismic or wind design forces. If mounted to a housekeeping pad, ensure pad is thick enough to accommodate anchor bolts and sufficiently doweled in or connected to the structural slab to transfer the seismic loads to the structure.
- 2. Locate seismic pipe stands according to the restraint layout provided.
- 3. When attached to concrete structure, use seismically rated anchors. Please refer to the calculation provided for the details.
- When attached to steel structure, use a minimum of A307 steel (Grade 2) bolts. Please refer to the calculation provided for the details.
- 5. For adjustable seismic pipe stand, adjust the height by first loosening the lock nut, and then turning the strut assembly to move it up or down. When the desired height is reached, lock the strut assembly by tightening the lock nut. Height can be increased to a maximum of 15 7/8" (403 mm).
- Secure the pipe to the center of the seismic pipe stand by A307 3/8" (10 mm) dia. U-Bolt or equivalent pipe clamp.
- 7. For gas pipes, please refer to gas pipe installation codes.
- 8. If pipe is to be insulated, make all adjustments and connections first, before insulating the pipe.
- 9. The pipe supporting strut can be removed to allow a roof membrane cone to be applied. Remove the Grade 8 socket head bolt, detach the strut, and then slide the roof membrane cone down over the pipe stand body. Reattach the strut and screw down the Grade 8 bolt tightly through the bolt hole. See Fig 1.

