

Safety Checklist for Manufactured Safety Vacuum Release System (SVRS)

(All answers should be **Yes**, if any answers are **No**, then corrective action should be taken immediately because there is a significant increase in risk of entrapment/evisceration)

- Daily pool maintenance log including any and all maintenance and testing of SVRS
- Manual(s) for installation, owner, operation and troubleshooting is onsite
- All required marking on the device:
 - manufacturer's name or trademark,
 - model #,
 - serial #,
 - date coding,
 - lot ID,
 - a contact phone number, and
 - statement about application limitations
- All required information in the manual; the same as items listed above plus:
 - the application type (lift suction, submerged suction or all),
 - statement that device conforms to ASME* or ASTM** standard, and
 - statement that the device is designed to prevent entrapment but not evisceration (prolapse).
- Each suction fitting (drain cover) is ASME A112.19.8 compliant
- Device is installed to manufacturer's specifications
- Device installed by an individual that meets the qualifications established by manufacturer
- One device installed for each circulating pump plumbed directly to the suction outlet
- No Check valve in suction piping protected by the device
- No hydrostatic valve in the suction piping protected by the device
- Device is calibrated after onsite installation to manufacturer's specifications
- Ball, butterfly or sliding gate valve installed within two feet upstream of device, or a test mat is used to cover suction outlet to simulate entrapment event during test
- Device is tested 3 times to simulate entrapment event
- Mechanical devices shall latch or lock out in vented safe position after test of high vacuum occurrence
- Non-mechanical devices have built in tamper proof features
- Device shall cause release of vacuum within 4.5 seconds after onset of high vacuum
- The vacuum shall decay to less than the level present within the system before the test event within 4.5 seconds of test occurrence
- Device is tested to simulate entrapment event by qualified individual monthly, or as often as manufacturer specifies.

Name of Person (Printed and signed) that conduct safety check

Date

*ASME - American Society of Mechanical Engineers, A112.19.17-Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub, and Wading Pool Suction Systems; A112.19.8-Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs.

** ASTM - American Society of Testing and Materials, F2387 Standard Specification for for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs. V2 5/31/11