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