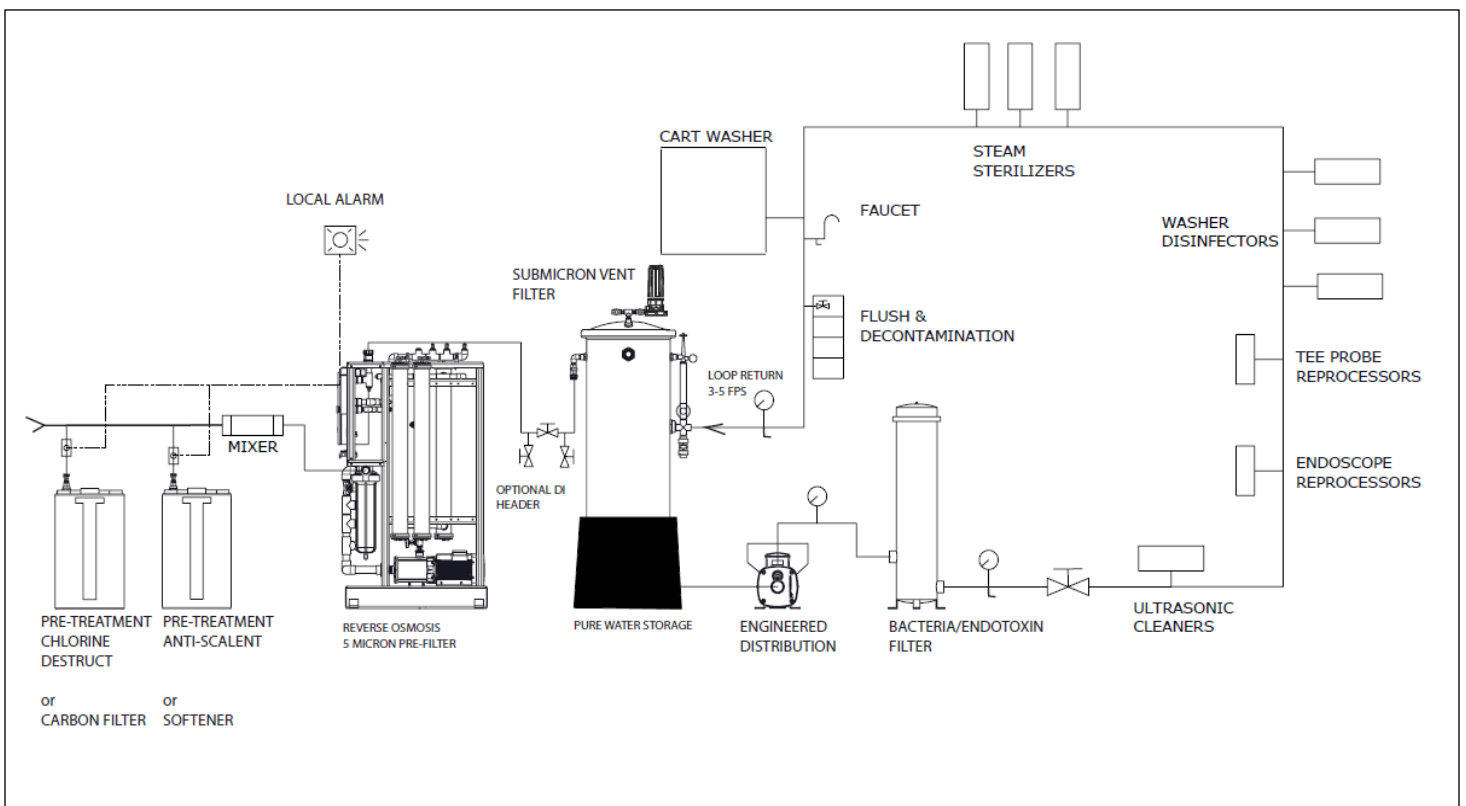




SPD WATER TREATMENT SURVEY



This drawing represents a SPD water treatment system That meets AAMI TIR34 guidelines. This drawing can be used as a comparison design for this survey of an SPD water treatment system.

EQUIPMENT LIST:					
Pretreatment					
Chlorine removal:	<input type="checkbox"/> Carbon Filter	<input type="checkbox"/> Chemical			
Hardness removal:	<input type="checkbox"/> Water Softener	<input type="checkbox"/> Anti-scalant			
Sediment removal:	<input type="checkbox"/> Sediment	<input type="checkbox"/> Micron rating			
MAIN TREATMENT:	<input type="checkbox"/> Deionizer Exchange	<input type="checkbox"/> Reverse Osmosis			
(< 7 TDS < 10 uS)	_____ GPD	_____ TDS	_____ uS/cm	_____ GPM product Flow	
Product Divert on poor quality?	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
Water System Alarm: Can it be heard in SPD area?	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
STORAGE TANK	_____ gallons				
Cone Bottom	<input type="checkbox"/>	y	<input type="checkbox"/>	n	
Vent Filter	<input type="checkbox"/>	y	<input type="checkbox"/>	n	
Vent filter annually replaced	<input type="checkbox"/>	y	<input type="checkbox"/>	n	
Recirculation Loop	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
Loop return flow meter	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
NOTE: RECIRCULATION LOOP VELOCITY IS IMPORTANT!					
Loop Size (in.)	Minimum Flow (GPM)				
<input type="checkbox"/> 1/2"	2				
<input type="checkbox"/> 3/4"	3.5				
<input type="checkbox"/> 1"	6				
<input type="checkbox"/> 1 1/4"	11.5				
<input type="checkbox"/> 1 1/2"	16				
Internal Return Tank Spray Down	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
Distribution Pump(s):	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Cast Iron			
Final filter before SPD equipment	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
Micron rating _____	<input type="checkbox"/> Validated for bacteria and endotoxin removal.				

STEAM SUPPLY for STEAM STERILIZATION:	Plant	Local steam generator	Water Supply _____
	<input type="checkbox"/> Steam	<input type="checkbox"/>	
Instrument Packs:	<input type="checkbox"/> Black Surface Deposits	<input type="checkbox"/> Instrument Corrosion	
	<input type="checkbox"/> Wet	<input type="checkbox"/> Instrument spotting/staining	
Washer Disinfectors:	<input type="checkbox"/> Windows with deposits	<input type="checkbox"/> Internals with deposits	
	<input type="checkbox"/> Poor instrument rinsing		

MAINTENANCE:					
Is a daily log of water treatment system used?	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
Does water softener brine tank have salt?	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
When was carbon filter bed replaced?	_____ / _____ / _____				
If using chemical pretreatment, do chem tanks have chemicals?	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	
Is water treatment area clean and organized?	<input type="checkbox"/>	Y	<input type="checkbox"/>	N	