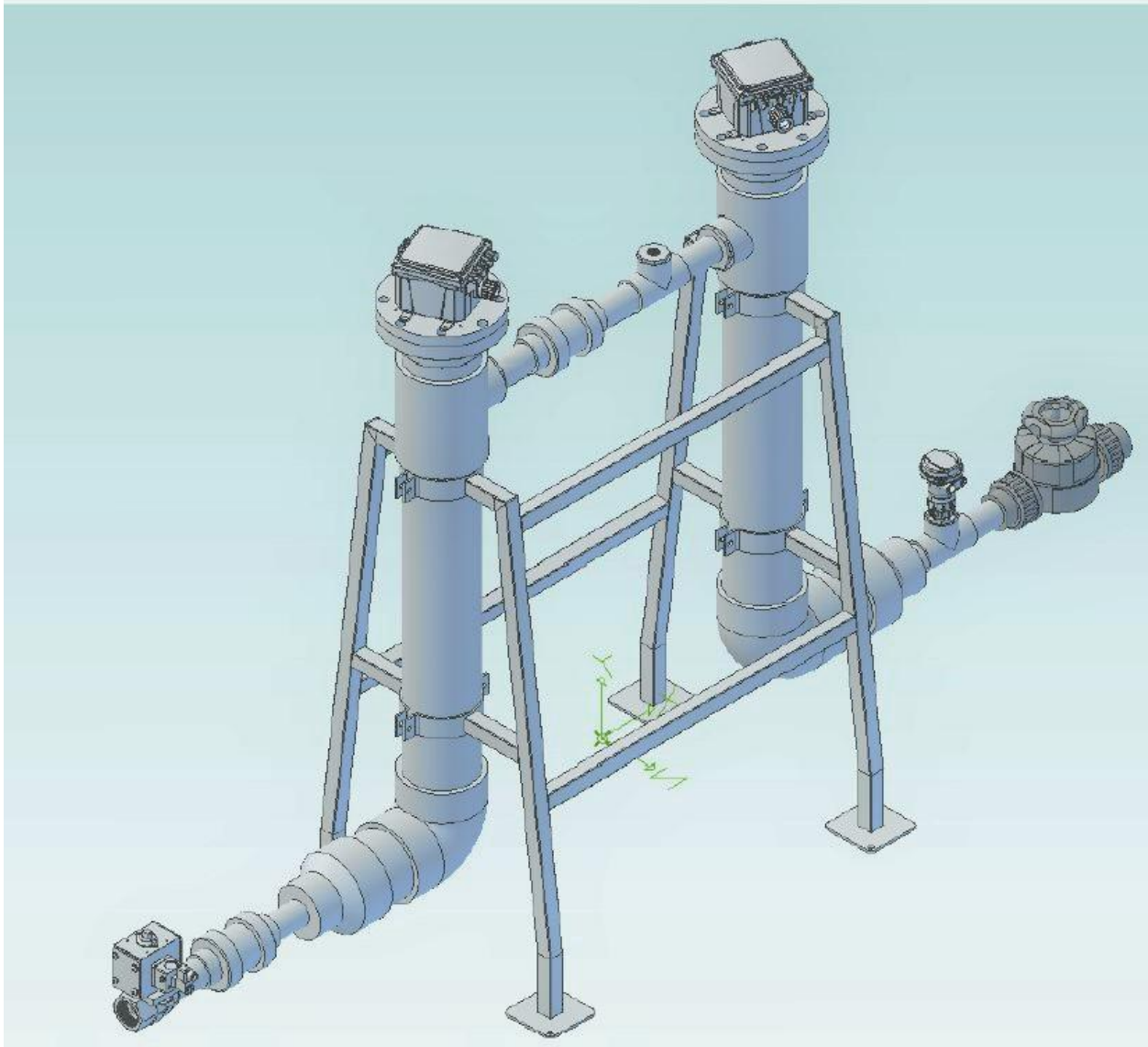




The Right Thing to Do

Several Drops at a Time



Sanitation – Processing Facilities.

STT dual electrolyzed water process for plant sanitizing can be utilized for complete plant sanitation. Our neutral EO water can be used as a stand-alone sanitizing process or used with chemicals if required by current HACCP program.

STT dual EO water process is installed at point of entry at source water for processing facility. If source water has pathogens from well, ponds or aquifers they will be neutralized at point of STT system. Minerals in water that cause buildup on processing equipment, walls, floors, windows will remain in suspension at point of entry of STT dual system.

Water used for employee restrooms, cafeterias, and other potable use can be used as well.

How;

- BFTech Surface Tension Chamber Tube will be connected at source water inlet to processing facility. Source water will run through the BFT tube and start the electrolysis process.
- Power supply will active the percent of current needed for conductivity across electrodes.
- A positive charge will activate Anode electrode and a negative charge will activate cathode electrode.
- An anode and cathode permeable membrane runs parallel to each electrode.
- Anode electrolysis process – Positive charge will activate anode membrane which will charge positive minerals in water. Active natural ingredient produced is hypochlorous acid “acidic water” which is a sanitizer.

Why;

Surface Tension Chamber Tube ± BENEFITS

- Minerals will stay in suspension.
- Eliminates scaling and corrosion.
- No chemical needed.
- All hard surface contact that BFTech EO water meets is antimicrobial.
- Reduce hard surface condensation.

BENEFITS

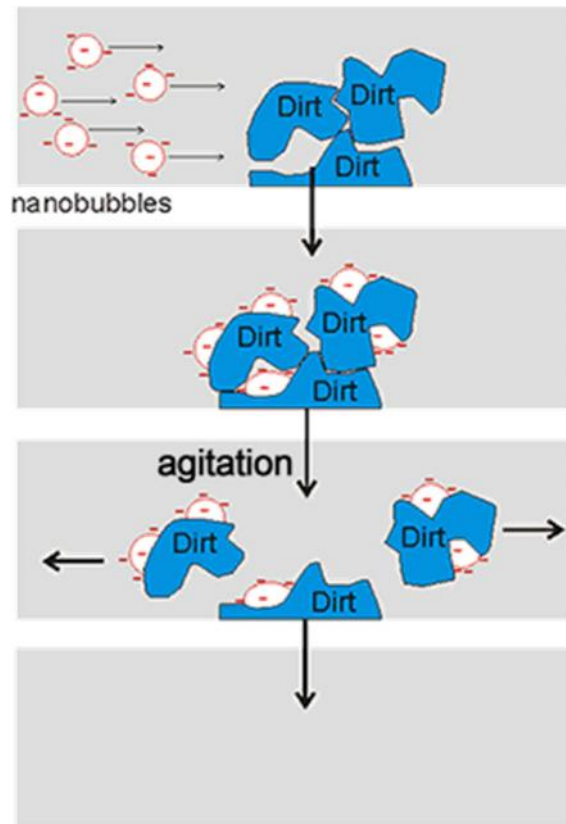
- Can be used without the use of chemicals.
- If chemicals are needed due to HACCP program or desired a reduced concentration is needed due to reduced surface tension in water due to electrolysis.
- Reduced labor cost because STT used during processing for washdowns throughout the day.
- Reduction of mineral and organic buildup on hard surfaces on processing equipment.
- Drain maintenance – free flowing water in drain and reduced organic buildup through drain system.
- Reduce BOD during discharge into ponds or water treatment facility.

*Overall cleaner working environment throughout processing.

If needed, reduce chemical concentrations for sanitation?

1. Reduced surface tension will breakdown other surface membrane of pathogens, molds and mildew.
2. Chemicals will have an increased coverage of contaminated which will penetrate pathogens, mold and mildew spores.
3. Reduction of condensation on walls, hard surfaces, and hard to get to places throughout facility.
4. Reduced condensation and standing water will reduce cross contamination in other areas of processing facility.
5. When used with foaming process there will be increased penetration which will increase organic removal on floors, walls, and hard surfaces.
6. Due to electrolysis and surface tension chemicals have an increase affect for quicker antimicrobial control.
7. Reduced ware on equipment from properties used for chemicals that effect equipment surfaces.

Surface Tension (nanobubbles)



Water Clusters

