

This newsletter is only intended to share current events, industry news and information and is not an endorsement of other brands, products or services.



New Year—Many New Projects...

Are you in the market for a storage tank? You’ve come to the right place. We manufacture tanks for a ton of applications. Our most popular tanks are: Equalization, Reservoir, Wastewater or Aeration. Volumes range from millions and shrink down to a few thousand gallons.

Non-potable tanks? How about Sludge Storage, Firewater Tanks, Leachate, Wet Storage or Containment Wall Tanks? To name a few. What about Aerobic or Anaerobic Digesters, MBBR, DAF, Clarifier Tank, Bio Tower Tanks?

Our active tank projects are at various stages of the build process and can be found across the following states: AL, AR, AZ, GA, HI, IA, LA, NC, NV, NY, PA, VA, and WI.

We have witnessed first-hand, an increased demand for our tanks in the food and beverage industries. It’s a good problem to have, and we are happy to help.

Stainless Steel goes to extremes. Can you think of a material that withstands cryogenic temps (-238 °F to -460 °F)?

Brr that’s cold! One in particular is austenitic stainless steel, which demonstrates excellent toughness or ductility at very low temperatures. Toughness is the ability of a material to absorb energy without breaking, and is essential in many engineering applications. Tensile strength is the maximum load that a material can support without fracturing. Austenitic stainless steel typically contains 7-25% Nickel and a minimum of 10.5% Chromium. As energy demand constantly grows and energy transportation and storage become more and more crucial, liquefied natural gas (LNG) is considered because of its ratio of volume to energetic density. What material is used to store LNG? Since natural gas only becomes liquid below -261.4 °F. Austenitic stainless steel is the best material for storage and transportation vessels handling LNG at such low temps. What about temps in space? The average temps on Mars range from -80°F to -195°F. SpaceX is an American aerospace company that fabricates the Starship rockets out of stainless steel.

Source: Nickel Institute Vol. 35, No. 3, 2020; www.space.com/spacex-starship-new-stainless-steel

Did you know? Hydropower is . . .

- one of the oldest power sources on the planet. Flowing water spins a wheel or turbine to generate and store power.
- a renewable energy source and produces no air pollution or toxic byproducts.
- used in every state for electricity. Over 70% of Washington State’s electricity comes from hydropower.

Niagara Falls was the country’s first hydroelectric generating facility. Built in 1881, Charles Brush connected a generator to turbines powered by the falls. American first commercial hydropower facility was built in 1882 in Appleton, WI, to power lights for the paper mill.

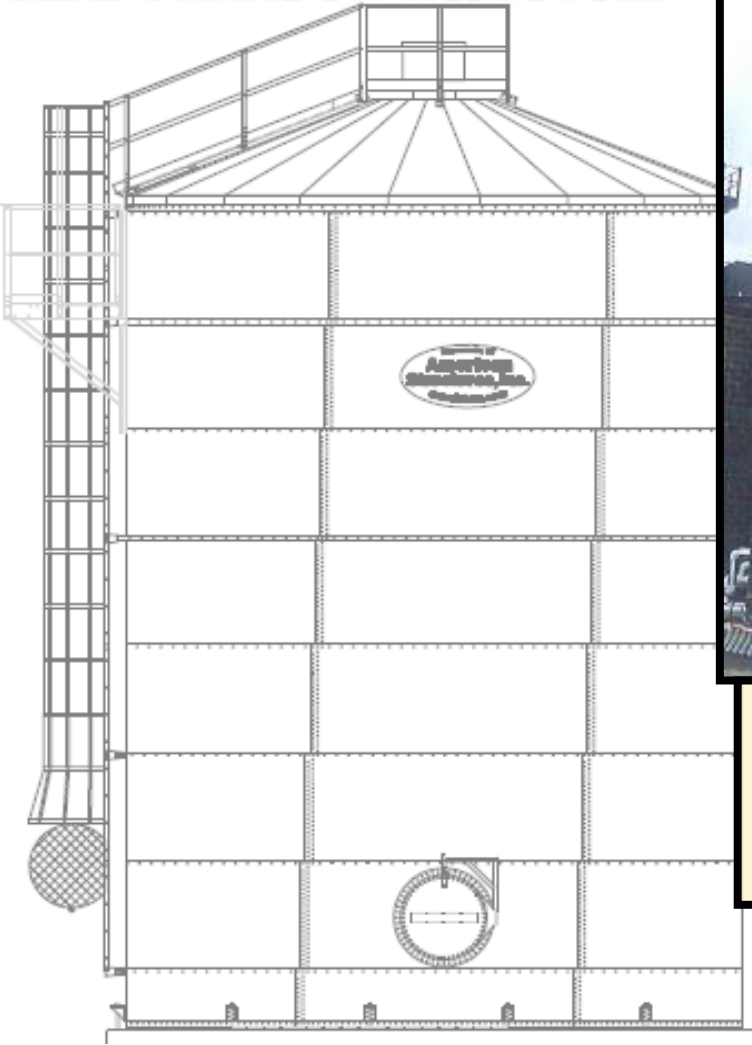
Hoover Dam was constructed from 1931-1936 & is one of the most famous hydroelectric facilities in the USA.

Pumped-storage hydropower is configured with two water reservoirs at different elevations that can generate power as water moves down through a turbine.

Source: www.energy.gov/hydropower; pumped-storage-hydropower (Office of Energy Efficiency & Renewable Energy)

There is nothing wrong with change, if it is in the right direction. —Winston Churchill

NEW TANKS & PROJECTS...



Byrne Dairy — East Syracuse, NY

Waste Water Tank 78,500 gallon w/ bolted floor & self-supported roof. Dims. 21.54' dia. X 28.83' ht. Built next to 2019 tank.

Scottsboro Landfill — Hollywood, AL

Leachate Tank w/ Containment Tank—
 Dims. 24.62' x 30.67' (Vol. 107,300 gal)
 21.5° S.S. self-supported roof



FOR SALE

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- 30kW Stationary Diesel Generator, runs good, low hours
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- Brake Press (500T)



Tank Jacks



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35T Wiedemann 5000 Punch Press



17T Wiedemann 1000 Punch Press



500T Cincinnati Brake Press



45T Whitney 848C Punch Press