Love and respect for the land. A strength that regenerates itself, reaching the highest standards of sustainable quality and innovation. The entrepreneurial spirit of the Tampieri family marks the past, present and future of the Italian agro-food, energy and bioceramics sectors. A past built on passion for Man and our environment. A future based on building a better and safer lifestyle.

www.tampieri.com

Customer:
Faenza Depurazioni srl

Placed into service:
May 2014

Faenza Depurazioni srl was established in 1987 to provide Tampieri S.p.A. with a water treatment service. In time the service was extended to third party companies subsequent to modification of the plant and acquisition of the necessary authorizations.

Faenza Depurazioni Srl treats effluent from the Tampieri Energie production process, from the Tampieri S.p.A. oil mill and refinery and as well as other liquid waste, delivered by road tanker, produced by other industrial firms. Our authorized treatment of both hazardous and non-hazardous third-party liquid waste provides a positive hi-tech response to the purification needs of many industrial firms in the area.

The company currently has the latest technology for treating industrial effluent, including chemical, physical and biological treatments, capable of breaking down large amounts of organic and chemical pollutants. The process waters are treated then partly recycled and partly fed into the surface waters in compliance with applicable environmental regulations.
**Benefits:**

- Reduction in energy waste normally caused by an asynchronous motor at partial load
- Reduced servicing of motor bearings
- Saving on maintenance times

**Application:**

Aerator pump for wastewater treatment tanks

The aerator is installed to increase the amount of oxygen in the water in order to speed up a process that normally occurs in nature, thereby producing active sludge. The transferred air creates the turbulence needed to continually mix the biological sludge and the sullage to be treated. This application by its very nature works at fast speeds and at partial load and represent a situation that is particularly suitable for the use of the REEL SuPremE® motor.

**Details of the project:**

REEL SuPremE® 7.5kW 1500 rmp
Welle cm Inverter

Faenza Depurazioni srl – installed REEL SuPremE® motor