

**REFERENCES**  
**INDUSTRIAL AUTOMATION**  
**OIL & GAS**

# Oil Field | Alberta - Canada



**Industrial Sector:** Oil & Gas  
**Application:** Regenerative Pump Jack  
**Products:** Sinus Penta 0007-0162 4TBA2K2  
**Type:** Drive + RGN  
**Connection date:** 2009  
**Customer:** GT's Oilfield Hauling  
**Partner:** Canada Control Works

**Key Notes:** GT's Oilfield Hauling will be recognized as one of the most progressive enterprises in the oilfield transportation industry.

- The pump cycle regenerates back into AC mains up to 35% of the energy. Thanks to Santerno inverter efficiency the electricity consumption and the operating costs are now lowered.



# Oil & Gas Industry | Florence - Italy



**Industrial Sector:** Oil & Gas

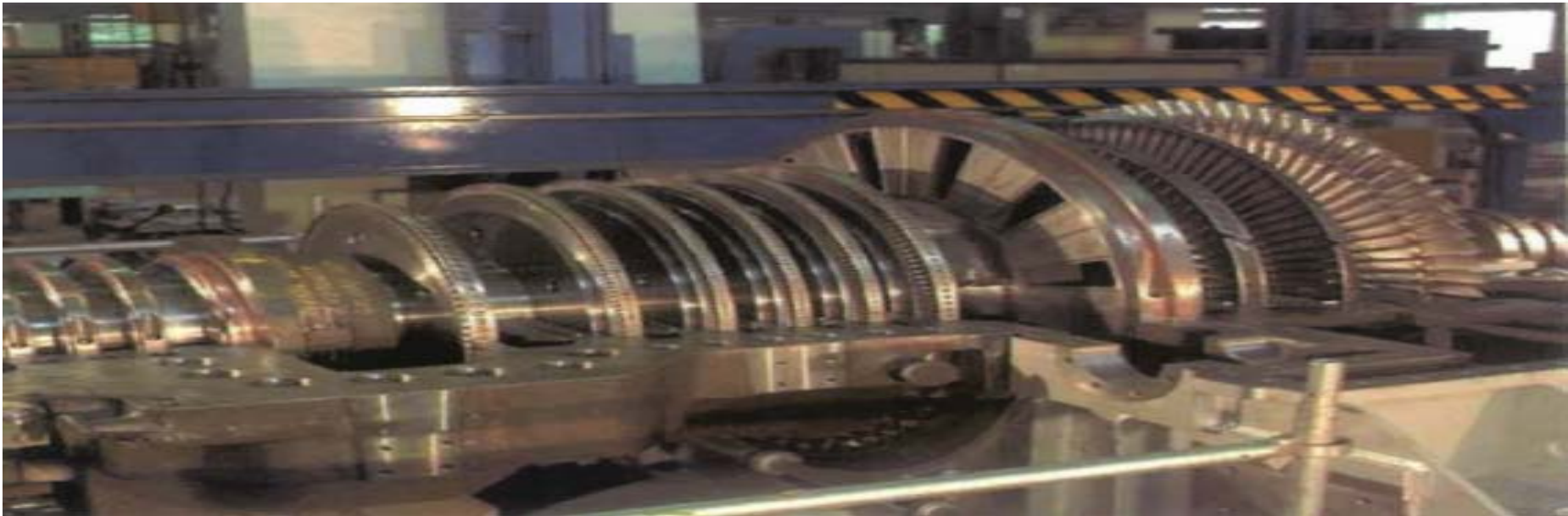
**Application:** Test Bench for Gas Turbines

**Products:** Soft Starter ASAMV 400-07-E2

**Connection date:** 2008

**Customer:** Nuovo Pignone GE

**Key Notes:** ORegen - Waste Heat Recovery: At locations where remote operation, water scarcity and widely variable loads are important issues, capturing gas turbines' waste heat using the ORegen™ system is an efficient and effective choice to generate additional power without additional fuel consumption and associated CO2 emissions. The ORegen™ system is capable of generating electricity at lower gas turbine loads than a standard combined cycle system where water and steam are used to recover waste heat



# Oil Terminal | St. Petersburg - Russia



**Industrial Sector:** Oil & Gas  
**Application:** Pumps  
**Products:** Sinus Penta 0831 Cabinet RGN.  
**Type:** Drive with AFE  
(active front end to reduce current harmonics)  
**Connection date:** 2010  
**Customer:** CJSC "Electropromcomplect"

**Key Notes:** Saint Petersburg, sea port. Installation by 1 set of 4 pumps pumping oil products from railway tank to container or to the tanker or vice versa. This set is being managed by 5 Inverters: 4 working and 1 as reserve. Santerno inverter was installed instead of a broken Siemens Cabinet. For the moment is working as reserve driver for any pump.





[www.santerno.com](http://www.santerno.com)