



**LUBE OIL CONSOLE**

# DESIGN PHILOSOPHY

Lube Oil Consoles, seal oil systems and control oil systems are designed to provide pressurized lubricating oil to various types of industrial rotating equipment.

Typically, these lube oil systems include pumps, heat exchangers, filters, controls and instrumentation.

Lube Oil Consoles ( or skid ) inject uniformly clean and cool oil into bearings before, during and after compressor operation.

Built under controlled conditions in a fabrication facility, systems are mounted on structural steel bases designed for easy and safe transport to the end-user's facility.

The sites product range includes:

- ✓ Lubrication Oil Systems For Motors (Heavy Industry)
- ✓ Lubrication Oil Systems For Compressor Trains (Air Separation, Oil & Gas)
- ✓ Lubrication Oil Systems Gas Turbines, Steam Turbines, Generators (Power Generation)
- ✓ Complete Consoles For Lubrication, Control and Jacking Oil Supply



# LUBE OIL CONSOLE

The system supplies oil to machines like compressors, turbines and generators to ensure the proper thermal and physical conditions and cleaning, and providing a stable film of separation between the shaft and the bearing casing under all operating conditions.

The system can also supply control and jacking oil to machines, which is indispensable during the starting and stopping stages of the group, and oil for driving the barring device.

The lubrication, control and jacking oil system is of primary importance for the safety, availability and continuity of service of the machines.

Insufficient or generally inadequate supply of oil to the bearings causes the complete breakdown of the machine, as well as creating high risks for the safety of the personnel and good conditions of the system elements.

In general, we can identify three separate subsystems referable to the entire complex, which all draw from a common oil reservoir.

The oil system is a fully assembled skid, inclusive of all the elements and instruments wired to terminal board.



### CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**SITES S.r.l.**  
**Via Trento, 82**  
**22070 Fenegrò (Como) – Italia**

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System Standards:

**ISO 9001:2008**

The Quality Management System is applicable to:

**Engineering, manufacturing, assembly and assistance of gas, air, oil and gas treatment plants for petrochemical and energy companies.**

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

Approval Certificate  
No: LRC 6009580/QMS/UE

Original Approval: 2<sup>nd</sup> June 2010

Current Certificate: 14<sup>th</sup> June 2016

Certificate Expiry: 14<sup>th</sup> September 2018

  
Issued by: Lloyd's Register Quality Assurance Italy Srl  
for and on behalf of Lloyd's Register Quality Assurance Limited



This document is subject to the provision below  
Via Cadorna, 69 20090 Vimodrone (MI)  
For and on behalf of 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, - United Kingdom.  
This approval is granted in accordance with the UKAS assessment and certification procedures and controlled by UKAS.  
The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001

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### CERTIFICATE SCHEDULE

**SITES S.r.l.**  
**Via Trento, 82**  
**22070 Fenegrò (Como) – Italia**

#### Locations

Via Trento, 82  
22070 Fenegrò (Como) – Italia

Via Milano, 74 b  
22070 Bregnano (Como) - Italia

#### Activities

Engineering, project management, manufacturing and assembly and assistance of electrical panels, control and power panels for petrochemical and energy companies. Prefabrication of steel structures.

Engineering, project management, manufacturing and assembly of gas, air, oil and gas equipment for petrochemical and energy companies. Technical assistance activities.

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