



FUEL GAS TREATMENT

DESIGN PHILOSOPHY

Fuel Gas is commonly used to feed turbine engines in the power generating industry.

Preliminary fuel treatment is mandatory to ensure removal of solid, liquid and gas contaminants.

SITES can realize complete fuel gas treatment packages.

This type of package is used in order to recover natural gas otherwise vented to the ambient or burned with no recovery.

The package includes KO Drums for water and particles removal, a vain compressor, an air cooler and a final filter providing condensation of water from the compressed gas.

The compressed gas can be used for the fuel gas packages or for different uses.

The package has small dimensions, high reliability and flexibility, the cost of the system can be easily recovered in a short time, are realized to be installed on a gas compressor station together with metering, filters, heaters, etc





FILTRATION UNIT

CONSISTS OF FILTERS SEPARATOR TYPE VERTICAL OR HORIZONTAL COMPLETE WITH COALESCENCE OR DEMISTER TECHNOLOGY



HEATING UNIT

COMPOSED BY ELECTRIC HEATERS SUITABLE FOR HAZARDOUS AREA INSTALLATION UPON REQUEST



PRESSURE REDUCTION UNIT

COMPOSED BY ONE OR MORE REDUCTION LINES, TO GUARANTEE 100% OR MORE FLOWRATE CAPACITY (EG. 3 X 50%) TO HAVE TWO LINES OPERATION AND ONE BACK-UP LINE



METERING UNIT

COMPOSED BY CALIBRATED ORIFICES, DIFFERENTIAL PRESSURE TRANSMITTER AND TEMPERATURE TRANSMITTER FOR VOLUME COMPENSATION OR OTHER FLOW MEASUREMENT TECHNIQUES

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/N

Original Approval: 2nd June 2010

Current Certificate: 14th June 2016

Certificate Expiry: 14th September 2018


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



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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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SITES S.R.L.

VIA TRENTO, 82

22070 FENEGRÒ (CO) - ITALY

TEL.: +39 0313520081

FAX: + 39 0313520863

EMAIL: INFO@SITESSRL.COM

WWW.SITESSRL.COM