

A firefighter in full protective gear, including a helmet and a hooded jacket, is shown from the side, fighting a large fire. The firefighter is holding a hose that extends across the frame. The background is filled with intense yellow and orange flames. The overall scene is dramatic and emphasizes fire protection technology.

# **SANCO**

**Fire Protection and Safety Technology**

# **COMPANY PROFILE**

**One Single Source for a Safer Protection**



# Choose the Italian inventiveness

# WHO WE ARE



- ❑ Total area 31,000 sq.m.
- ❑ > 150 employees
- ❑ Fully paid-up capital: € 2,000,000.00
- ❑ Solutions already supply in more than 100 Countries
- ❑ Design, manufacturing, assembling and management of complete projects
- ❑ All activities are carried out according to ISO-EN 9001:2015, ISO-EN 14001:2015, ISO-EN 45001:2018 certified by LRQA



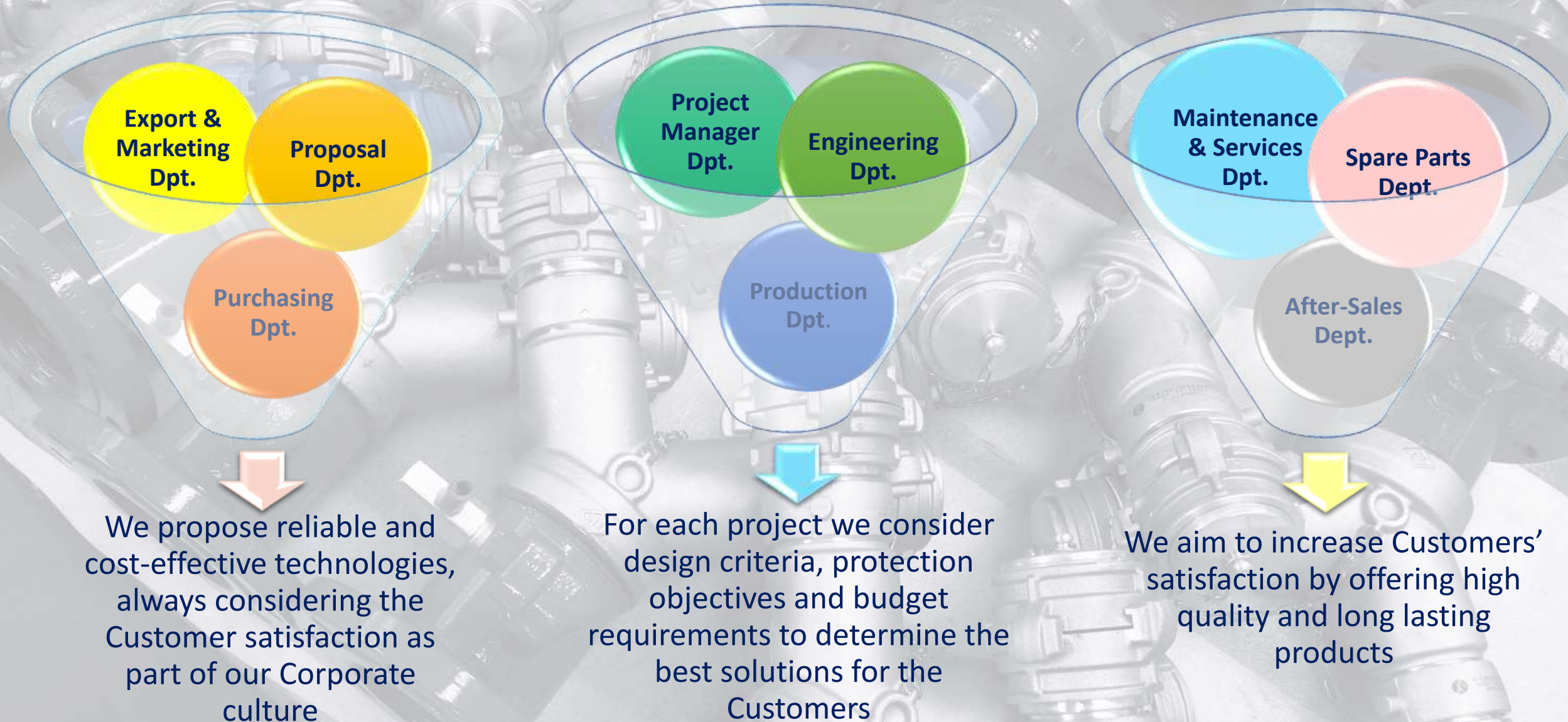
WHO WE ARE





**Working in synergy to achieve goals!**

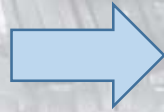
# COMPANY STRUCTURE



**Today results are tomorrow's beginning**

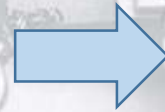
# **COMPANY STRUCTURE**

**QHSE Dpt.**



SANCO QHSE Dpt. is essential to finalize all the Pre-Qualification Procedures and to control the process of design, construction, assembly, installation, training and commissioning of all systems.

**Administrative  
& Financial  
Dpt.**



SANCO Finance Division can offer multi-sourced finance packages to suit both the needs of the Projects and the Clients. The Accounting Dpt. supports the Company by monitoring the job costs and the variance between the costs budgeted and the real ones.



# PROTECTED RISKS

## FULL PROTECTION FOR



### POWER GENERATION

- Power plants
- Turbines& Enclosures
- Transformers
- Turbo-gas



### OIL & GAS PROCESS OIL REFINERIES

- Oil Refineries
- Oil Repots
- Tank Farms
- LNG&LPG Plants/Terminals



### PETROCHEMICAL & CHEMICAL

- Petrochemical plants
- Chemical Plants
- Urea Complex
- Ammonia Complex
- Fertilizer complex



### INDUSTRIAL COMPLEXES

- Steel complexes
- Plastic&Rubber industries
- Paper factories
- Tobacco& Cigarettes
- Foodstuff factories
- Production facilities
- Pharmaceutical



### OFFSHORE, FPSO, FSO, FLNG

- Offshore Platforms
- FPSO-(Floating Production Storage & Offloading)
- FSO-(Floating Storage & Offloading)
- FLNG-(Floating liquefied natural gas)



# ENGINEERING SERVICE

## Fire Risk Engineering

SANCO engineers are able to find the most suitable solution in order to reduce the fire risk level defined by the client during the design stage.

Our aim is to supply reliable, efficient and cost effective fire protection systems design for the protection of lives and assets.

## Detailed Engineering of Fire & Gas Detection and Fire Suppression Equipment/Systems

SANCO dedicated engineers (30) are fully aware of International standards and they design performant and reliable fire protection systems. They interface with different engineering disciplines (civil, mechanical, process, HSE, HVAC, electrical) in order to ensure that systems are properly integrated and that they operate on demand.

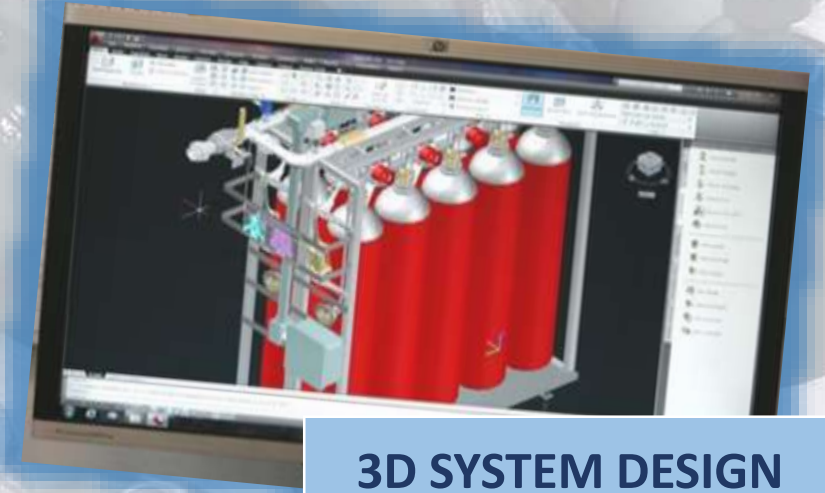


# WE PROJECT

SANCO offers a professional analysis, study and conceptual design to find the correct solution for consulting engineers and end users.



**DETAILED DESIGN**



**3D SYSTEM DESIGN**



**PROCESS, METHOD AND PROJECT CONTROL**





# MANUFACTURING DEPARTMENTS

# WE MANUFACTURE

## MECHANICAL SHOP

- Welding
- Tool machines
- Assembling
- Gas filling station
- Hydraulic test machines
- Testing ground for functional tests





# WE MANUFACTURE

## ELECTRONIC SHOP

- R&D Department
- Electric Lab
- Assembling
- Testing





# WE MANUFACTURE

## WAREHOUSE

- Parts & Components for Production stage
- Complete units for immediate delivery
- Spares & Components for customer care and after-sale service





# SANCO SOLUTIONS



## FIRE & GAS DETECTION SYSTEM



SANCO designs and manufactures two types of advanced, reliable and customizable fire alarm control panels. They are totally configurable, designed and manufactured to attain a system that integrates supervisory control, fire detection and fire suppression.



## WATER SYSTEM



SANCO designs and manufactures a wide range of water systems:

- Water mist
- Sprinkler system
- Water deluge systems



## FOAM SYSTEM



SANCO supplies a very wide range of foam systems, able to produce various expansion foam: low, medium and high expansion. Foam can be produced by portable mobile units or fixed installation.



# SANCO SOLUTIONS



## GAS SYSTEM



SANCO designs and manufactures any type of gas system by using extinguishing agents as per international standards: CO2 (both high pressure and low pressure); IG01 (Argon); IG541 (Inergen); IG55 (Argonite); IG100 (Nitrogen); HFC227ea (FM-200); FK5-1-12



## DRY CHEMICAL and TWIN AGENT SYSTEMS



SANCO can provide a complete range of dry chemical systems. All the produced dry chemical units can be filled with any type of powder. SANCO also manufactures “twin agent” systems (dry chemical-foam) for fixed installation, wheeled or trailer mounted.



## FIRE SUPPRESSION EQUIPMENT



SANCO range also includes: foam units, extinguishers, foam-making equipment, pumps, hydrants, fire cabinets, post indicators, hose reels, fire brigade equipment, safety equipment, spray nozzles, monitors, etc.



# ACTIVITIES & SERVICES

## FACTORY / ON SITE TRAINING



SANCO has at its own premises a conference room equipped with visual aids and a training center, thanks to which it can carry out actual fire tests and train qualified technicians for the management and the maintenance of fire suppression systems that SANCO produces (both theoretical and practical courses). A suitable training on site can be provided and customized according to the customer requirements.

## AFTER-SALES SERVICE



SANCO has its own "After-Sales" service, for the domestic as well as for the international market, with qualified personnel and suitable devices in order to manage planned maintenance services and/or assistance on demand.



# ACTIVITIES & SERVICES

## COMMISSIONING & START-UP SERVICE



SANCO's decennial experience in the design and manufacture of fire fighting systems and products qualify the engineers in hands-on supervision during installation and commissioning, that can be provided upon request and specific agreement

## EMERGENCY SERVICE & REMOTE ASSISTANCE



SANCO has a **24 hours Emergency Service**, 365 days per year. A skilled team quickly provides warehouse products, availability and information to deal with urgent situations. The emergency number is the following: **+39 0321 807580**  
SANCO can provide a prompt assistance worldwide also from its offices via Ethernet connection.



# EXTREME CONDITIONS

A specific solution for any need

- Fire fighting systems suitable for **hot** climates (+ 65°C)



- Fire fighting systems suitable for **cold** climates (- 52°C)





# Design & Manufacturing according to the following rules:

- **N.F.P.A.**  
(National Fire Protection Association - USA)
- **U.N.I. - EN** (Italian/European Standard Organisation)
- **FM** (Factory Mutual)
- **UL** (Underwriters Laboratories)



- **I.S.O.** (International Standardisation Organisation)



- **V.d.S.**



- **M.E.D.** (Marine Equipment Directive)



- **A.N.S.I. – A.S.M.E.**  
(American National Standard Institute – American Society of mechanical Eng.)



- **B.S.** (British Standards)





# Design & Manufacturing according to the following rules:

➤ **D.I.N.**  
(Deutsches Institut für Normung)



➤ **A.R.H.** (Autorité de Régulation  
de Hydrocarbure)



➤ **GOST**  
(Russian Standard)



➤ **C.E.I.**  
(Italian Electric Committee)



➤ **P.E.D.** (Pressure  
Equipment Directive)



➤ **SOLAS**  
(Safety of Life at Sea)



➤ **D.N.V.** (Det Norske Veritas)



➤ **T.U.V.** (Technischer  
Überwachungs Verein)



➤ **A.T.E.X.** (Equipment for use  
in potentially Explosive Atmosphere)



➤ **Other Standards**  
(on customer request)



# QHSE SYSTEM

Where **SAFETY** leads to **QUALITY**

All the activities are carried out in compliance with a Quality Management System certified by **LRQA Limited** **UNI-EN ISO 9001:2015** and **ISO 14001:2015**

Our commitment on occupational health and safety: **SANCO** promotes a safety culture, and it has been certified according to **UNI-EN ISO 45001:2018**

	Current issue date: 1 February 2024	Original approval(s): ISO 14001:17 July 2013 ISO 45001:15 August 2019 ISO 9001:27 February 1997
	Expiry date: 31 January 2027	
	Certificate identity number: 10582581	

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## Certificate of Approval

This is to certify that the Management System of:

### **SANCO SpA**

Via Ravizza, 13/A, 28066 Galliate No, Italy

has been approved by LRQA to the following standards:

**ISO 14001:2015, ISO 45001:2018, ISO 9001:2015**

Approval number(s): ISO 14001 – 0029533, ISO 45001 – 0029534, ISO 9001 – 0030068

The scope of this approval is applicable to:

Design, manufacture, assembly, installation and servicing of fire fighting systems, fire vehicles and associated products.

  
**Paul Graaf**  
Area Operations Manager, Europe  
Issued by: LRQA Limited

  
UKAS  
9001

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