



SITECNA® TAILORED SOLUTIONS FOR CRITICAL SERVICE APPLICATIONS



Fluid control components & engineered systems for the most demanding applications.

Designed for low or high temperature, harshest environments, onshore or offshore installations.

MORE THAN THIRTY YEARS OF EXPERIENCE IN THE DESIGN, MANUFACTURE & SALES OF HIGH QUALITY PRODUCTS AND SOLUTIONS. 100% MADE IN ITALY

Established in 1983 as a commercial company, Sitecna has developed a very technical and high level experience in fluid control. Thanks to a very experienced team of engineers, 20 years ago we started to design and develop an innovative range of pneumatic products to satisfy the needs of operations critical for temperature, aggressive environments and classified areas.

Today, at our headquarter located near Milan, in Northern Italy, we design, build and sell components and systems for chemical, petrochemical, energy and glass sector, offering our range of pneumatic equipments for the most demanding applications.

Flexible products for every application

Sitecna's products are the standard for non-standard specifications. Our know how in components and engineered systems stems from years of problem facing and solving for the most critical sectors. .

Our innovative approach is strongly linked to market developments and quickly renews to meet always more strict requisitions. We carefully listen to our costumers to improve efficiency and reliability of equipment and operations. All products are completely customizable

Quality first

Total quality concept is our basic strategy, influencing every single choice and providing a solid base for our actual and future growth. Our commitment towards continuous improvements of our quality management is fully certified.







Our products:





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| Copper free Aluminum alloy or SS316L: | Instruments |
| <ul style="list-style-type: none"> air/gas preparation volume boosters lock-up valves balanced spool valves | <ul style="list-style-type: none"> Vacuum pumps Flow meters Overload protectors Pressure gauges |
| SS316L: | Engineered systems |
| <ul style="list-style-type: none"> Back pressure regulators 2&3 ways switching valves Flow regulators Quick exhaust valves Silencers | <ul style="list-style-type: none"> Turnkey systems Panels Control boards Cabinets |





PROVEN SOLUTIONS FOR WORLD WIDE APPLICATIONS





- MOSE OFFSHORE PROJECT - VENICE, ITALY
- ENI SLURRY TECHNOLOGY PROJECT - ITALY
- BORUGE I/II/III PETROCHEMICAL PROJECT - UAE
- TOBOLSK PP PLANT - WEST SIBERIA
- AUSTRALIA PACIFIC LNG PROJECT
- SOUTH YOLOTEN PROJECT - TURKMENISTAN
- LOUNYANG POLYPROPYLENE PROJECT - CHINA
- MUNCH MUNSTER PROJECT - GERMANY
- POLYPROPYLENE OMSK - RUSSIAN FEDERATION
- DAMIETTA PROJECT METHANOL PLANT - EGYPT
- SALAVAT HDPE PROJECT - BASHKORTOSTA
- RABIGH DEVELOPMENT PROJECT - UAE
- NKNK LLDPE PLANT 230KTY - RUSSIAN FED.
- ORYX GTL PROJECT - RAS LAFFAN QATAR
- QAFCO V PROJECT - QATAR
- FOS CAVAOU LNG - FRANCE
- MELLITAH PROJECT - LYBIA
- SAFCO V PROJECT - SAUDI ARABIA
- PRELUDE FNLJ PROJECT - AUSTRALIA
- YAMAL LNG PROJECT - RUSSIA



	AIR-GAS FILTERS	PRESSURE REGULATORS	FILTER REGULATORS	BACK PRESSURE REGULATORS
				
SERIES	F04-F06-F08-F12-F16-F24-F32	R04-R06-R08-R12-R16	FR04-FR06-FR08-FR12-FR16	BP04
SIZES	1/4".....2"NPT	1/4".....1"NPT	1/4".....1"NPT	1/4"NPT
MATERIALS	SS316L Aluminum alloy	SS316L Aluminum alloy	SS316L Aluminum alloy	SS316L
DESIGN TEMPERATURES	-55°C.....+90°C	-55°C.....+90°C	-55°C.....+90°C	-55°C.....+90°C
MAX INLET PRESSURE	30BAR x SS316L 25BAR x All. alloy [-5BAR x 1 1/2"&2"]	30BAR x SS316L 25BAR x Aluminum alloy	30BAR x SS316L 25BAR x Aluminum alloy	35BAR
APPROVALS	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE
AVAILABLE 3° PARTY CERTIFICATES	EN10204:3.1 Flow Tests	EN10204:3.1 Flow Tests	EN10204:3.1 Flow Tests	EN10204:3.1
NOTES	FULL MATERIAL TRACEABILITY - MADE IN ITALY			

	AIR-GAS LOCK-UP VALVES	AIR-GAS VOLUME BOOSTERS	OVERLOAD PROTECTORS	VARIABLE FLOW VACUUM PUMPS
				
SERIES	LK04	VB04-VB08 VB12-VB16	SCLP	STVP
SIZES	1/4"NPT	1/4".....1"NPT	1/2"NPT	1/4"NPT
MATERIALS	SS316L Aluminum alloy	SS316L Aluminum alloy	SS316L	SS316L Aluminum alloy
DESIGN TEMPERATURES	-55°C.....+90°C	-55°C.....+90°C	-10°C.....+90°C	-55°C.....+90°C
MAX INLET PRESSURE	10BAR	10BAR	400BAR	NA
APPROVALS	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE
AVAILABLE 3° PARTY CERTIFICATES	EN10204:3.1	EN10204:3.1	EN10204:3.1	EN10204:3.1
NOTES	FULL MATERIAL TRACEABILITY - MADE IN ITALY			

	PNEUMATIC 2&3 WAYS SWITCHING VALVES	BALANCED SPOOL VALVES	FLOW REGULATORS	QUICK EXHAUST VALVES
				
SERIES	SV; S3	DP	RFU; RFB	VSR
SIZES	1/4"NPT	1/4".....3/4"NPT	1/8".....3/4"NPT	1/8"-1"NPT
MATERIALS	SS316L	SS316L Aluminum alloy	SS316L Aluminum alloy	SS316L
DESIGN TEMPERATURES	-55°C.....+90°C	-10°C.....+90°C	-55°C.....+90°C	-40°C.....+90°C
APPROVALS	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE
AVAILABLE 3° PARTY CERTIFICATES	EN10204:3.1	EN10204:3.1	EN10204:3.1	EN10204:3.1
NOTES	FULL MATERIAL TRACEABILITY - MADE IN ITALY			

	HIGH FLOW SILENCERS	VARIABLE AREA FLOWMETERS	PRESSURE GAUGES	PRESSURE GAUGES
				
SERIES	SLVP; SLHF	FLGSS	MBSN	MBSS; MBS6
SIZES	1/4".....1"NPT	1/8"NPT	DN 40 / 50 / 60mm	DN 40 / 50 / 60mm
MATERIALS	SS316L	SS36L	SS304 Case/ Nickel plated brass movement & connection	SS304 (MBSS) 316 (MBS6) Case/ SS316 movement & connection
APPROVALS	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE	ATEX, EAC, NACE
AVAILABLE 3° PARTY CERTIFICATES	EN10204:3.1	EN10204:3.1	IP65	IP65
NOTES	FULL MATERIAL TRACEABILITY - MADE IN ITALY			Material traceability EN10204:3.1

DESIGNING AND MANUFACTURING OF TURNKEY SYSTEMS, CABINETS AND CONTROL PANELS.

SPECIAL PRODUCT ON CUSTOM DEMAND.

SPECIALIZED TECHNICAL SERVICES.

TYPICAL APPLICATIONS INCLUDE CUSTOM BUILT CONTROL SYSTEMS.



Together with our manufactured items we supply the following products:

- Brass and stainless steel instrumentation ball, needle, check, manifold valves
- Brass and stainless steel instrumentation pipe and compression fittings
- Relief valves
- Solenoid valves
- High/low pressure sensors, manual relays, hydraulic valves & quick exhaust valves
- Aluminum or SS316 heaters and thermostats for hazardous areas

