



www.valnacsafety.com

Safety Valves



Making excellence
something personal

Production, r+d+i, evolution

ValNac, Safety Valves was established in Spain in 1976. The main target was to assist the petrochemical and chemical industries emerging in Spain at that time. Right from the start ValNac, Safety Valves, has been designing and producing safety valves according to most recognized international standards and norms: API, ASME, ASTM and the European directives 2014/68/UE and 2014/34/UE. Our production process is accredited by an ISO 9001-2015 certification.

Our know how and capacity to adapt to the constantly changing demands of the market, made possible the introduction of new products designed for new applications on the market, like THERMOSOLAR PLANTS, where ValNac, Safety Valves has supplied safety valves to more than 31 complete plants all over the world, while at the same time continuously supplying to all main companies of the Spanish petrochemical, chemical and refining industries.



Production capacity

ValNac, Safety Valves valves' have their discharge coefficients approved in laboratory tests, in order to guarantee and assure that correct values are being used for every sizing process.

In our Technical sales department we have a modern software which allows us to verify all the possibilities, and to assure strict fulfillment of all international standards.

ValNac, Safety Valves has established representation agreements with the most important O.E.M. companies in the safety sector of the industry, consolidating us as one of the main companies by product range; design and consulting in new plants or in new process.

Our continuous growth, shows a clear trend, which confirms the integration of our workers to provide first class service to our customers and partners.



Factory & location

Our facilities in Rubí (Barcelona - Spain), with more than 3.000 Sq m are fully prepared for our production activities: machining with modern CNC, assembling and testing. We also have long term agreements with approved workshops, which provides us with flexibility and fast feedback to customers demands, with full quality guarantee which has always been our main target.

Strategic alliances

Nowadays ValNac, Safety Valves starts an internationalization process, establishing representation agreements in different countries and continents all over the world, with specialized companies that will provide added value in our service towards the end user.

ValNac, Safety Valves Making safety since 1976!



MOD-6400

Safety Valve Model 64



Safety valve 90° angular type for fast opening (pop action), full nozzle, spring loaded, adjusting ring, conventional or balanced.

DESIGN: EN ISO 4126-1 / ASME XIII / ASME VIII

DIMENSIONS: 1" X 2" UP TO 12" X 16"

CONNECTIONS: Flanged:

INLET 150# up to 2500# / OUTLET 150# up to 300# acc. to ASME B16.5

EN/ISO Flanges available upon request

MATERIALS: CARBON STEEL, STAINLESS STEEL AND SPECIAL ALLOYS



MOD-3-50

Safety Valve Model 3-50

Safety valve 90° angular type for fast opening (pop action), full nozzle, spring loaded, adjusting ring.

DESIGN: ASME VIII / ASME XIII

DIMENSIONS: 1/2" X 3/4" UP TO 1" X 1"

CONNECTIONS:

Threaded:

NPT acc. to ASME B16.34

BSPP acc. to EN12516-1

MATERIALS: CARBON STEEL AND STAINLESS STEEL



MOD-5500

Safety Valve Model 55

Safety valve 90° angular type for fast opening (pop action), semi nozzle, spring loaded.

DESIGN: EN ISO 4126-1/ASME VIII DIV.1 / ASME XIII

DIMENSIONS: DN-20 x DN-32 UP TO DN-150 x DN-250

CONNECTIONS: Flanged:

INLET PN-16 UP TO PN-40 / OUTLET ONLY PN-16 acc. to EN-1092

ASME Flanges available upon request

MATERIALS: CARBON STEEL AND STAINLESS STEEL



MOD-2000

Emergency Valve Model 2000

The emergency valve, model "PH", is a safety device intended for installation on storage tanks with the aim of assure a quick evacuation of large volume of fluid inside the tank in the event of an overpressure due to fire condition

DESIGN: ASME B16.34, EN 1092-1, API 650, API 2000

DIMENSIONS: 16" / DN400
20" / DN500
24" / DN600

MATERIALS: STAINLESS STEEL



MOD-5100

Safety Valve Model 5100



Safety valve 90° angular type of rapid opening (pop action), full nozzle, and spring loaded, adjusting ring, conventional or balanced.

DESIGN: EN ISO 4126-1 / ASME XIII / ASME VIII

DIMENSIONS: 1/2" X 3/4" UP TO 1" X 1"

CONNECTIONS: Flanged: INLET 150# UP TO 2500# /

OUTLET 150# up to 300# acc. to ASME B16.5.

EN/ISO Flanges available upon request

Threaded: NPT acc. to ASME B16.34, BSPP acc. to EN12516-1

MATERIALS: CARBON STEEL, STAINLESS STEEL & SPECIAL ALLOYS



MOD-3-51

Safety Valve Model 3-51

Safety valve 90° angular type for fast opening (pop action), full nozzle, spring loaded, adjusting ring, conventional or balanced, screwed or flanged.

DESIGN: EN ISO 4126-1 | ASME VIII

DIMENSIONS: 1/2" X 3/4" UP TO 1" X 1"

CONNECTIONS: Flanged: INLET 150# UP TO 2500# /

OUTLET 150# up to 300# acc. to ASME B16.5. EN/ISO Flanges available upon request.

Threaded: NPT acc. to ASME B16.34. BSPP acc. to EN12516-1

MATERIALS: CARBON STEEL, STAINLESS STEEL AND SPECIAL ALLOYS.



PILOT OPERATED

Safety Valve MVP64

Pilot operated pressure relief valve able to operate at considerably higher set pressure than with spring loaded safety relief valves, the valve operation and lift are unaffected by back-pressure.

DESIGN: ISO 4126-1, ISO 4126-4, API 526, ASME VIII Div.1 and ASME XIII

DIMENSIONS: 1" x 2" UP TO 8" x 10"

CONNECTIONS: Flanged: INLET 150# up to 900# / OUTLET 150# up to 300# acc. to ASME B16.5

EN/ISO Flanges available upon request

MATERIALS: CARBON STEEL AND STAINLESS STEEL



MOD-3400

Breather Valve Model 3400

The model 3400, is a pressure relief valve for overpressure nections. This valve is categorized in three different types: Breather, Vacuum and Breather/Vacuum combined.

DESIGN: ASME B16.34, EN 1092-1, API 650, API 2000

DIMENSIONS: DN50 UP TO DN250
2" UP TO 10"
24" / DN600

MATERIALS: STAINLESS STEEL





Making safety since 1976



**MOD-6400
ASME UV**

SAFETY
VALVE



**MOD-5100
ASME UV**

SAFETY
VALVE



MOD-3-50

SAFETY
VALVE



MOD-3-51

SAFETY
VALVE



MOD-5500

SAFETY
VALVE



**PILOT
OPERATED**

SAFETY
VALVE



MOD-2000

EMERGENCY
VALVE



MOD-3400

BREATHER
VALVE



VALVE
SILENCER