



## safety by design

*valve interlock and trapped  
key solutions preventing  
hazardous situations  
under any condition*

want to know more?

[www.alcatrazinterlocks.com](http://www.alcatrazinterlocks.com)



*For every interlocking challenge our experts can propose a suitable interlock and trapped key solution.*

*This to ensure our policy “the key to your safety” in your workflow.*

#### **Innovation**

With a dedicated R&D team we strive to continuously develop new designs and product development, that will provide the requirements for our clients.

#### **High quality**

Our products and services are renowned for their high quality. We consider this level of high production standards as the main focus for us.

#### **Local presence**

We are continuously expanding our worldwide network of local service centres. To support our clients for sales, project management and service engineers to the market.

#### **Service excellence**

A continuous service excellence program drives us to always provide the best possible engineering services in every stage of your orders and projects.



## VALVE INTERLOCKING GATE & GLOBE VALVES (handwheel)

Alcatraz Interlocks supplies 2 different systems that can interchange with each other if required.

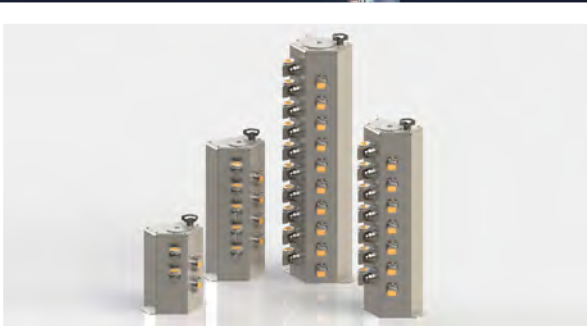
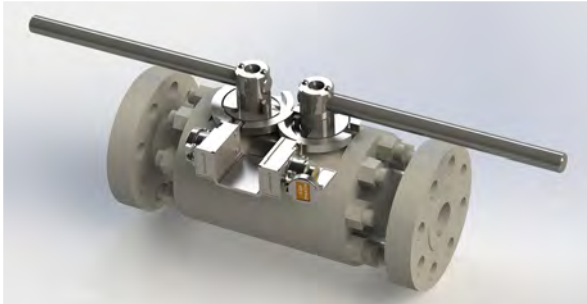
- › Alcatraz Handwheel or adapters
- › Integral design mounted on valve
- › Easy to install and operate
- › Fire safe approved to API 607
- › Nonintrusive design, mounted around the existing yoke, pressure parts and glands.
- › All materials AISI 316

## VALVE INTERLOCKING BALL & BUTTERFLY (lever operated)

Alcatraz Interlocks supplies 2 different systems that can interchange with each other if required.

- › Alcatraz standard levers used (AISI 316 or Chrome Steel)
- › Integral design mounted on the valve
- › Easy to install and operate
- › Fire safe approved to API 607
- › Non intrusive design, we use existing mounting fixtures
- › All materials AISI 316





# Worldwide interlock service specifications

Before the final handover of the interlocking system we provide a full on site training for the client. We will not leave the site unless the operators fully understand the system and feel comfortable using it. Our qualified installation engineers and supervisors will perform on- and offshore measurement and installation. To keep your system up to date, we execute a periodical check up or maintenance of your safety system.

Alcatraz Interlocks also provides assistance and advice with the design of the interlocking systems, sequences and special tailor made products. Safety by design.



## Climate and conditions

The key slides over the complete lock portion as an “umbrella” and protects the opening of the locks if a key is inserted, preventing dirt to enter the lock. Further the lock portion is covered with a protecting dust cap. Once the key is removed a spring closes the dust cap covering the lock opening.

Alcatraz Interlocks can withstand both extreme cold as well as heat, are fire tested API 607 and do not require regular maintenance or annual greasing.

- › Solid and compact construction with a minimum of moving parts
- › Fire safe in accordance with API 607 sixth edition. Tested on functioning in low temperatures
- › Maintenance free, no grease necessary
- › Resistant against sand, dirt and moisture
- › Automatic closing AISI 316 protection caps on keyholes with text plates as standard



## Unique interlock benefits

The standard material used is casted stainless steel AISI 316 for all lock components and are machined to meet tolerances where applicable. Due to the uniqueness of our design we can assemble keys without any machining or adjustment. Helping clients to replace lost keys instantly.

To ensure smooth operation, and to protect the interlocks, all parts are electro polished. Electro polishing is an extra rust preventive coating, Alcatraz Interlocks do not require any paint to ensure long life functionality.

- › Ergonomic key position
- › Easy to install, even when the valve is in a live process
- › The drop weight impact test, ASTM E208: our key will survive a drop of more than 25 meters
- › Transferable lock portions
- › Material: stainless steel AISI 316, electro polished
- › Replace lost key on site instantly



## Safe and resilient design

At times, human failure even defeats the most advanced electronic safety measures. Alcatraz interlocks can prevent potentially hazardous situations caused by errors in the operating sequence of industrial processes. With our interlock systems the operator is simply forced to follow a predetermined sequence by means of a mechanical coded key transfer.

Alcatraz Interlocks are successfully in use in the oil and gas industry, chemical industry and off shore industry. Also the automotive, food and beverage industry have discovered the advantages of our products.

- › Avoiding human error by predetermined coded key transfer protocol
- › Automatic closing AISI 316 protection caps on keyholes with identification tagplates as standard
- › Tamper proof
- › Easy and smooth operation, also with using industrial gloves
- › As an option the integration of electronic components such as limit proximity switches



# Where to find us

***Alcatraz Interlocks. Preventing hazardous situations and human error, even under the severest conditions.***

*“Alcatraz Interlocks has coverage all over the world. Please contact our Head Quarters in The Netherlands so we can guide you to our distributors!”*

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