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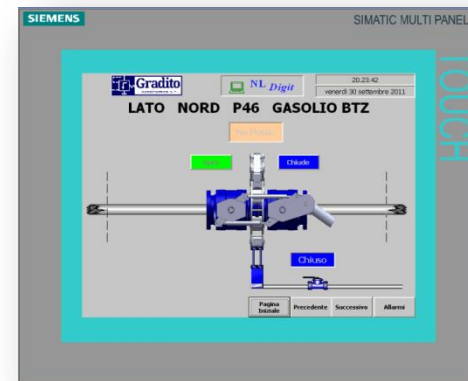
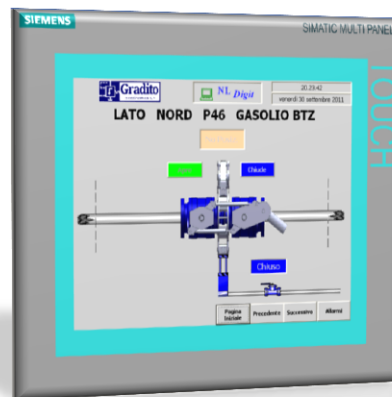
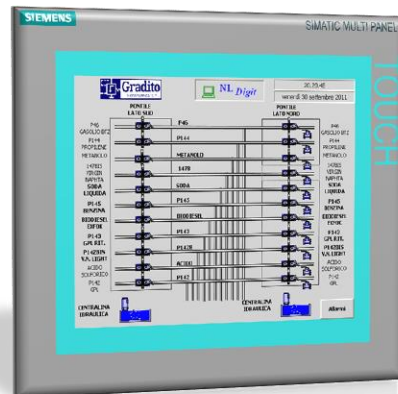
Systems installed

BALL VALVES		
SIZE/Dimens.	CI/Termin.	Range Temp.
12" DN 150	ANSI 150 RF	-30°C +120°C -10°C +120°C
8" DN 150	ANSI 150 RF	-30°C +120°C -10°C +120°C
6" DN 150	ANSI 150 RF	-30°C +120°C -10°C +120°C
6" DN 150	ANSI 300 RF	-30°C +120°C -10°C +120°C
4" DN 100	ANSI 150 RF	-30°C +120°C -10°C +120°C
2" DN 50	ANSI 150 RF	-30°C +120°C -10°C +120°C

Il Ns. **ufficio tecnico** è disponibile per ogni ulteriore approfondimento con riferimento a specifiche esigenze applicative

Our **Technical department** is at your disposal for any questions regarding specific needs

**The quick release emergency system Valves
DBV-ERC-4G**



Touch panel system DBV-ERC-4G
Refinery of Gela



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The quick release emergency system Valves DBV-ERC-4G

Description

The quick release emergency system Valves DBV-ERC-4G consists in two ball valves connected by a release collar.

All the internal parts (in movement and not) are in AISI 316L. (upon client request we can provide custom materials).

The separation valves action is realized by hydraulic actuator for the in land side of the plant, while the vessel side part is mechanical actuated but synchronized with the precedent one.

The release of the Valves is allowed only when no flux are detected, so it is impossible any fluid loss.

Once that the collar is in closure position there isn't any hydraulic pressure on the system because the mechanical secured (intrinsically safe).



Testing & Training



Technical department



Gradito oleodinamica s.r.l. has an advanced **technical department**, where a staff of Master engineers and technicians design, develop and test all the production in accord with the client's project specifications.

The development of the project DBV-ERC-4G is the result of two years of design and testing in our Yard ubicated in Gela (CL), in 2010 become national patented by Gradito oleodinamica s.r.l., subsequently extended, in April 2011, as European Patent. The project DBV-ERC-4G stands as a representative of a technological device security needed for any industrial environment.

The system is adapted to allow the rapid interruption of the connection between the cargo ship and loading system in case of an emergency / anomaly without release of fluid into the environment.

The use of this equipment is suggested in all chemicals petrochemicals and power plant, in generally where is the need to upload or offload dangerous fluids (liquids or gases).

It is possible to operate the valves independently of the collar ERC-4G, which means that the system can operate without activating the emergency sequence.

client is in condition to simulate an emergency for system check without the effective opening of the collar and without separation of the valves.

Containing:

Video-Pictures of applications – Technical information



Systems installed Refinery of Gela



**Design - Construction - Installation
plants on Turn-key project execution.**

