robecco INERT

QUESTIONNAIRE
INERTING SYSTEM C02 / N2

For the technical design of an inerting system, the information of this questionnaire is essential.
Only an accurate efficient information will result into a faultness inerting system.

Client

Adress, City

Project

Contact person | Department

Telephone | Fax

E-mail

Kind of plant

- ☐ Only storage (silo)
- ☐ Grinding system with storage
- ☐ Loading plant
- ☐ Others, for example: _____

What geometrical volumes shall be inerted and what kind of disturbance monitoring is installed

Part of the plant	Volume	Disturbance monitoring sampling probe		
		CO	**O2**	**Temperature**
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐
_____	approx. _____ m³	☐	☐	☐

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Climatic conditions

Ambient temperatur: min. _____ °C

Ambient temperatur: max. _____ °C

Layout conditions

Layout conditions: ☐ No earthquake risk

☐ Earthquake factor: acc. to UBC factor (1-4) _____

acc. to Richter (1-9) _____

CO2 tank type

☐ High pressure tank, horizontal, with integrated electrical heaters

☐ Low pressure tank, vaccum insulated, vertical, with ambient evaporizer

☐ CO2 high pressure battery with steel cylinders

☐ N2 high pressure packs 200 bar with steel cylinders

☐ N2 high pressure packs 300 bar with steel cylinders

Electical requirements

Control: ☐ Relay-technic, local control and control by CCR

☐ CPU control, with S7-1200 incl. touchpanel

Signal exchange: ☐ Profibus DP / Profinet

☐ Ethernet

☐ Potenial free contacts

Power supply: ☐ Main power supply V Hz _____V _____Hz

☐ Power supply for controlling _____V _____Hz

Drawing and details / comments

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Technical Documents

Further documents as drawings, lay-outs and Piping and Instrumentation Diagrams (PID) would be appreciated to prepare our most specific offer for your equirements.

robecco system are designed and manufactured according to the european directives
CEN TR 15281, VDI 2263-2 and NFPA 69

Ort, Datum City, Date
Unterschrift Kunde Signature Client
Unterschrift robecco Signature robecco

Formular zurücksetzen
Form reset

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