Questionnaire

CO_2 – Generation Plant

Please send this questionnaire back to:

CRYOTEC Anlagenbau GmbH

Phone: +49 3245 8965 1610

Email: sales@cryotec.de

1. Required product parameter

- Capacity CO_2-production plant _____ kg/h
- Storage capacity for CO_2 _____ t
- Required purity of final product _____ % CO_2
- Food grade according EIGA / ISBT specification or technical grade ☐ yes ☐ no

2. Specification fuel

- Type of fuel ☐ natural gas ☐ fuel oil
- Max. sulfur fuel oil _____ wt %

Natural gas analysis			
CH_4	_____ Vol-%	C_2H_6	_____ Vol-%
C_3H_8	_____ Vol-%	C_4H_{10}	_____ Vol-%
C_5H_{12}	_____ Vol-%	N_2	_____ Vol-%
CO_2	_____ Vol-%	CO	_____ Vol-%
Others	_____ Vol-%		

3. Available cooling water *(Please attach a detailed analysis, if possible.)*

- Cooling tower to be included ☐ yes ☐ no
- Wet bulb ambient temperature _____ °C
- Dry bulb ambient temperature _____ °C

In case you are providing cooling water:

- Cooling water inlet temperature _____ °C
- Cooling water inlet pressure _____ bar g

4. Available electrical supply

- Voltage _____ V
- Frequency _____ Hz
- Phases _____ Ph

5. Ambient conditions

- Place of location _____
- Height above sea level: _____ m
- Temperature max. / min. / average _____ °C
- Max. wet bulb temperature _____ °C
- Earthquake zone _____ UBC
- Explosion-proof design required? ☐ Zone 0 ☐ Zone 1 ☐ Zone 2
- Special sound insulation necessary? ☐ yes ☐ no
- Installation

☐	Indoor	Building available?	☐ yes	☐ no
☐	Outdoor	Assembly in containers necessary?	☐ yes	☐ no

6. Required additional equipment

☐	Liquid CO_2 storage tank	Capacity:	_____ to	
		Type of insulation:	☐ PU foam	☐ Vacuum insulated
		Orientation:	☐ vertical	☐ horizontal
☐	CO_2-vaporizer	Capacity:	_____ kg/h	
☐	Cylinder filling station	Capacity:	_____ kg/h	
☐	Piping network supply	☐ Others	_____	

7. Additional information

8. Contact information

Company name _____

Address _____

Country _____

Email _____

Phone _____

Contact person:

Title _____

Name _____

First name _____

Position _____