

QUESTIONNAIRE CO₂ RECOVERY PLANT FROM STACK GAS

Please send this questionnaire back to:

CRYOSERV GmbH
Tel.: 0049 221 4742101
Fax: 0049 221 3379761
E-mail : info@cryoserv.de

Your Company name: _____

Your Company address: _____

Your phone / fax: _____

Name of Contact Person: _____

Plant Location: _____

Address: _____

Height above sea level: _____ m

Capacity CO₂-recovery plant: _____ kg/h

Source of stack gas: _____

Type of fuel (please attach an analysis, if available): _____

Stack gas flow rate: _____ kg/h

Stack gas temperature: _____ ° C

Stack gas pressure: _____ bar(g)

Stack gas composition (please attach an analysis, if available):

CO ₂	_____	Vol-%	N ₂	_____	Vol-%
CO	_____	Vol-%	H ₂	_____	Vol-%
NO ₂	_____	Vol-%	CH ₄	_____	Vol-%
NO	_____	Vol-%	C ₂ H ₆	_____	Vol-%
SO ₂	_____	Vol-%	C ₄ H ₁₀	_____	Vol-%
SO ₃	_____	Vol-%	C ₅ H ₁₂	_____	Vol-%
H ₂ O	_____	Vol-%	C _x H _y	_____	Vol-%
Others	_____	Vol-%			

Required purity of final product: _____ % CO₂

Steam:

Available steam for stripping of CO₂: _____ kg/h

Steam pressure / temperature: _____ bar / °C

Cooling water:

Cooling tower to be included? yes no

Wet bulb ambient temperature: max. _____ °C

Dry bulb ambient temperature: max. _____ °C

If you are providing cooling water:

Cooling water inlet temperature: _____ °C

Cooling water inlet pressure: _____ barg

Please attach an analysis of the cooling water, if available.

Electricity:

Current: Power voltage: _____ V

Phases: _____

Cycles (hertz) _____ Hz

Control voltage: _____ V DC / AC

Do you need accessories?

Capacity of CO₂-storage tanks: _____ to

Type of insulation: PU foam Vacuum insulated

Orientation: vertical horizontal

Capacity of CO₂-vaporizer: _____ kg/h

Capacity of CO₂-cylinder filling station: _____ kg/h

Further requirements / comments:
