

WE CLIMB THE TECHNOLOGY PEAKS

TPI

TECNO PROJECT INDUSTRIALE

PLANTS AND TECHNOLOGY FOR THE INDUSTRIAL GASES



RECOVERY UNIT

**QUESTIONNAIRE
FOR INQUIRY**



A COMPANY DATA

COMPANY NAME _____.

ADDRESS _____.

NAME _____.

POSITION _____.

PHONE _____.

FAX _____.

E-MAIL _____.

B GENERAL INFORMATION

SITE LOCATION _____.

SITE ALTITUDE (METERS ABOVE SEA LEVEL) _____.

REQUIRED CO2 PRODUCTION _____.

REQUIRED CO2 PURITY _____.

INDICATE USE OF PRODUCED CO2 _____.

CO2 TO BE FILLED INTO CYLINDERS / STORAGE TANK / OTHER _____.

DO YOU NEED STORAGE TANK _____.

REQUIRED CAPACITY OF STORAGE TANK
TONS _____.

DO YOU TRANSFER THE CO2 FROM STORAGE TANK TO TRANSPORT TANK _____.

DO YOU INTEND TO FILL CYLINDERS FROM STORAGE TANK _____.

DO YOU NEED A VAPORIZER _____.

CAPACITY (KG/H) _____.

DO YOU WANT TO PRODUCE DRY-ICE-PELLETS OR BLOCKS _____.

AMOUNT (KG/H) _____.

OTHER SPECIAL REQUIREMENT: _____.

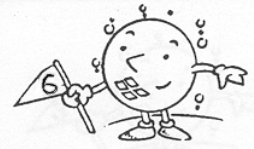


D UTILITIES DATA

- D.1 WATER SUPPLY**
- | | <u>FROM MAIN SUPPLY</u> | <u>RECIRCULATED</u> |
|-------------|-------------------------|---------------------|
| TEMPERATURE | _____ °C | _____ °C |
| PRESSURE | _____ bar g. | _____ bar g. |
| SOURCE | _____. | |
| HARDNESS | _____. | |
| COST | _____. | |
- D.2 ELECTRIC POWER SUPPLY**
- | | | | |
|------------------|---------|-----------|----------|
| VOLTAGE / PHASES | _____ V | FREQUENCY | _____ Hz |
|------------------|---------|-----------|----------|
- D.3 STEAM AVAILABLE**
- | | | | |
|----------|-----------|-----------|--------|
| PRESSURE | _____ bar | SATURATED | _____. |
|----------|-----------|-----------|--------|

E ECONOMICAL DATA

- E.1 PRICE OF LOCAL CO2 SUPPLY**
- | | | | |
|--------------|-----------|---------|--------|
| IN CYLINDERS | _____ KG. | IN BULK | _____. |
|--------------|-----------|---------|--------|
- E.2 COST OF ELECTRIC POWER**
- | | | | |
|-----|-----------|-------|-----------|
| DAY | _____ kWh | NIGHT | _____ kWh |
|-----|-----------|-------|-----------|



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THANKS FOR YOUR PATIENCE

BY THIS FORM COMPLETELY FILLED IT WILL BE EASIER AND QUICKER TO WORK OUT A PROPOSAL TECHNICALLY AND ECONOMICALLY OPTIMIZED

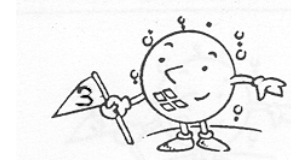
TECNO PROJECT INDUSTRIALE PRODUCTION

- Air and compressed gases purifying and drying units
 - CO₂ recovery and production plants
 - Technical gases analyzer

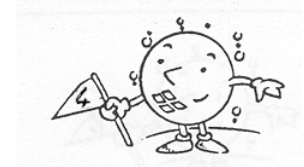
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RECOVERY FROM BREWERY								U.S. OR IMP. BARRELS, HECTOLITERS, ETC.							
NET SIZE OF EACH BREW INTO CLOSED FERMENTER.															
DAYS/ WK	M	T	W	T	F	S	S	total fermentation cycle		blow off period		collection period			
Summer								hours		hours		hours			
Winter								hours		hours		hours			
Total brews/wk.:								summer				winter			
TYPICAL FERMENTATION GIVING °P AND °C FOR ALL KIND OF WORT/BEER (TO BE SENT US)															
Fermenter operating pressure								psig (Kq/cm2)							
<small>note:attach time vs gravity curve if available</small>															
Gravity at: start of fermentation								° plato		If different beers and / or ales are produced regularly, specify percent of total output of each product and repeat above information for each product on separate sheet-C02 pressure available for collection if different from fermenter operating pressure psig (kq/crn2).					
end of blow off								° plato							
start of collection								° plato							
finish of collection								° plato							



PLANTS & TECHNOLOGY FOR THE INDUSTRIAL GASES

RECOVERY FROM DISTILLERY

TYPE OF ALCOHOL PRODUCED			PROOF PRODUCED			%		
PROOF SPIRIT			SPECIFIC GRAVITY					
INDICATE PRODUCTION IN DAYS PER WEEK			DAYS			HOUR/DAYS		
VOLUME OF ALCOHOL PRODUCED DAILY						U.S. OR IMP.GALLONS ,HECTOLITERS ,ETC.		
RAW FEEDSTOCK USED TO PRODUCE ALCOHOL								
FERMENTERS (CLOSED TYPE REQUIRED) INDICATE OPERATING PRESSURE						psig(Kg/cm2)		
CO2 PRESSURE AVAILABLE FOR COLLECTION IF DIFFERENT FROM FERMENTER OPERATING PRESS.						psig(Kg/cm2)		
TEMPERATURE OF CO2 GAS AT TIME OF COLLECTION								°C