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## Questionnaire -- Exhaust Gas Recovery Systems

Please provide the following information to assist us in preparing our proposal for you:

Company: \_\_\_\_\_

Name: \_\_\_\_\_ Position: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Telefax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

### Production Data

CO<sub>2</sub> source: \_\_\_\_\_ Quantity of fuel burned: \_\_\_\_\_ LPH (GPH); \_\_\_\_\_ SCFH (NM<sup>3</sup>/hr)

#### Fuel Burned

Natural Gas: \_\_\_\_\_

Kerosene: \_\_\_\_\_

Diesel: \_\_\_\_\_

% Weight Sulphur: \_\_\_\_\_

#### Flue Gas Analysis, Volume %

CO<sub>2</sub>: \_\_\_\_\_ H<sub>2</sub>O: \_\_\_\_\_ O<sub>2</sub>: \_\_\_\_\_ NO: \_\_\_\_\_ N<sub>2</sub>: \_\_\_\_\_

NO<sub>2</sub>: \_\_\_\_\_ SO<sub>2</sub>: \_\_\_\_\_ SO<sub>3</sub>: \_\_\_\_\_ CO: \_\_\_\_\_ H<sub>2</sub>: \_\_\_\_\_

CH<sub>4</sub>: \_\_\_\_\_ H<sub>2</sub>S: \_\_\_\_\_ \*NOx: \_\_\_\_\_

Other(s): \_\_\_\_\_

Flue gas pressure: \_\_\_\_\_ "WC ( \_\_\_\_\_ PSIG) ( \_\_\_\_\_ kg/cm<sup>2</sup>) Flue gas temperature: \_\_\_\_\_ °F (°C)

\*Gas particulate loading: \_\_\_\_\_ grains/ft<sup>3</sup> \*Particulate size distribution: \_\_\_\_\_

Required CO<sub>2</sub> Plant size: \_\_\_\_\_ U.S. tons/day (metric tons/day) product CO<sub>2</sub>

Liquid CO<sub>2</sub> storage capacity required: \_\_\_\_\_ U.S. tons (metric tons) @ \_\_\_\_\_ PSIG (kg/cm<sup>2</sup>)

Is the CO<sub>2</sub> to be used in the beverage industry?  Yes  No Present cost of CO<sub>2</sub>/ton: \_\_\_\_\_

### Utility Data

Power Voltage: \_\_\_\_\_ Volts, \_\_\_\_\_ Phase, \_\_\_\_\_ Hertz

Control Voltage: \_\_\_\_\_ Volts, \_\_\_\_\_ Phase, \_\_\_\_\_ Hertz

Elevation at plant location:

\_\_\_\_\_ feet (meters) above sea level

Motor starting requirements:  Direct on line starting up to and including \_\_\_\_\_ horsepower

Wye-Delta starting \_\_\_\_\_ horsepower and over

Motors:  Open Drip Proof  Totally Enclosed, Fan-Cooled  Tropical Protection Required

Indicate maximum ambient temperature: \_\_\_\_\_ °F (°C): Wet bulb temperature: \_\_\_\_\_ °F (°C)

Indicate source of cooling water available: \_\_\_\_\_ (Please submit complete water analysis.)

Indicate cooling water temperature: Maximum: \_\_\_\_\_ °F (°C) Minimum: \_\_\_\_\_ °F (°C)

\*Indicate if steam is available: \_\_\_\_\_ \*If so, at what pressure: \_\_\_\_\_ PSIG (kg/cm<sup>2</sup>)

Indicate approximate distance from CO<sub>2</sub> source to proposed location of CO<sub>2</sub> Recovery Plant: \_\_\_\_\_ feet (meters)

**Please give any other general or specific information you believe would be helpful in preparing our proposal for you.  
All information furnished will be held in the strictest confidence.**