

# CONSEP SAMPLING QUESTIONNAIRE



Section 1 of 2

## General Information

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

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

Contact Number: \_\_\_\_\_ Email: \_\_\_\_\_

Proj. Name: \_\_\_\_\_ Location: \_\_\_\_\_

Pricing:  Budget  Firm Quote Due: \_\_\_\_\_ Proj. Stage: \_\_\_\_\_

## Sampling Requirements (If applicable)

Sampling Standard (ISO, ASTM etc): \_\_\_\_\_

Sampling Interval:  Time  Mass Interval (mins or T): \_\_\_\_\_

Shift Duration/Lot Size: \_\_\_\_\_ Sample Mass/Vol Required: \_\_\_\_\_

Purpose of Sample:  Process Control  Accounting  Inventory  Other: \_\_\_\_\_

## Material

Description/Type: \_\_\_\_\_

Feed/Flow Rate Range: \_\_\_\_\_ Maximum particle size: \_\_\_\_\_

Material Variability:  Small  Medium  Large Material Temperature: \_\_\_\_\_

For Solids: Solids SG: \_\_\_\_\_ Solids Buk Density: \_\_\_\_\_ Moisture Content (%) \_\_\_\_\_

For Slurry: Solids SG: \_\_\_\_\_ Slurry SG: \_\_\_\_\_ Solids Content (%) \_\_\_\_\_ pH: \_\_\_\_\_

Line Pressure (kPa): \_\_\_\_\_

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## Feed Conditions – Solids Sampling

**Feed Type:**  Conveyor  Chute  Other: \_\_\_\_\_

**Conveyor:** Width \_\_\_\_\_ Incline Angle \_\_\_\_\_ Speed \_\_\_\_\_ Trough Angle \_\_\_\_\_

Head Pulley Dia. \_\_\_\_\_

**Chute:** Cross section \_\_\_\_\_ Angle \_\_\_\_\_ Freefall \_\_\_\_\_

**Other:** Please provide details \_\_\_\_\_

## Feed Conditions – Slurry Sampling

**Feed Type:**  Pipe  Launder  Other: \_\_\_\_\_

**Launder Cross Section:** \_\_\_\_\_ **Slope Angle:** \_\_\_\_\_ **Slurry Depth:** \_\_\_\_\_

**Pipe NB:** \_\_\_\_\_ **Angle:** \_\_\_\_\_ **Fillage:** \_\_\_\_\_

## Operating Conditions

**Installation Location:** \_\_\_\_\_ **Ambient Temperature:** \_\_\_\_\_

**Hazards:** \_\_\_\_\_

## Available Services & Utilities

**Electrical:** Voltage (V) \_\_\_\_\_ Phase \_\_\_\_\_ Frequency (Hz) \_\_\_\_\_

**Air:** Plant Pressure (kPa) \_\_\_\_\_ Instrument Pressure (kPa) \_\_\_\_\_

**Hydraulic:** Pressure (kPa) \_\_\_\_\_ Flow (lpm) \_\_\_\_\_

## Additional Comments

\_\_\_\_\_