Facet International
a CLARCOR company

Liquid/Liquid Separation Application Information

1. APPLICATION: _____

_____

2. OPERATING CONDITIONS AT POINT OF INSTALLATION:

A. PRODUCT: _____ **B.** SPECIFIC GRAVITY: _____ @ _____°F

C. FLOW RATE: _____ GPM **D.** TEMPERATURE: _____ °F. **E.** PRESSURE: _____ PSIG

F. VISCOSITY: _____ SSU CS CP @ _____ °F and _____ SSU CS CP @ _____ °F

G. INTERFACIAL TENSION: _____ DYNES PER CENTIMETER: _____

H. CONTAMINANTS: LIQUID: _____ % volume SOLIDS: _____ (% WT.) (% VOL.)

I. DESCRIPTION OF LIQUID: _____

J. pH OF LIQUID: _____ TYPE AND CONCENTRATION: _____

K. DESCRIPTION OF SOLIDS: _____

L. PREVAILING PARTICLE SIZE RANGE: _____

M. TYPE AND CONCENTRATION OF CORROSION INHIBITORS, IF ANY: _____

3. REQUIRED PERFORMANCE EFFICIENCY:

A. ALLOWABLE ENTRAINMENT IN EFFLUENT: _____

B. DESIRED PARTICLE RETENTION (MICRONS): _____ **C.** MAXIMUM ALLOWABLE INITIAL PRESSURE DROP: _____ PSID

4. MECHANICAL DESIGN CONDITIONS:

A. DESIGN PRESSURE: _____ PSIG **B.** DESIGN TEMPERATURE: _____ °F. **C.** CORROSION ALLOWANCE: _____

D. CODE OR SPECIFICATION: ASME? _____ ASME STAMP? _____ COMM. STD.? _____ OTHER? _____

E. FLOW RATE: _____ GPM **F.** MATERIALS OF CONSTRUCTION: _____

G. INLET AND OUTLET CONNECTIONS: SIZE: _____ FLANGED ❑ MALE NPT ❑ FEMALE NPT ❑ GROOVED ❑ OTHER ❑

H. OTHER CONNECTIONS ON VESSEL:

CONNECTION FOR	SIZE	FLANGED	THREADED	CONNECTION FOR	SIZE	FLANGED	THREADED
PRESSURE GAUGE	_____	❑	❑	DRAINS	_____	❑	❑
RELIEF	_____	❑	❑	LEVEL GAUGE	_____	❑	❑
VENT	_____	❑	❑	LEVEL CONTROL	_____	❑	❑

I. SPECIAL DESIGN FEATURES: _____

_____

5. ACCESSORY ITEMS:

A. DIFFERENTIAL PRESSURE GAUGE? _____ DIRECT READING? _____ WITH DEAD HAND? _____ NON-DIRECT READING? _____

B. MANUAL VENT VALVE? _____ **C.** PRESSURE RELIEF VALVE? _____

D. LEVEL GAUGE? _____ TUBULAR? _____ REFLEX? _____ TRANSPARENT? _____

E. MANUAL DRAIN VALVE? _____ **F.** LEVEL CONTROL (DUAL GRAVITY)? _____

G. SLUG & DRAIN VALVE ASSEMBLY? _____ RATE OF FLOW CONTROL? _____ FLOAT TESTER? _____

MATERIALS FOR SLUG VALVE: _____ CAST STEEL _____ CAST IRON _____ OTHER _____

H. IMMERSION HEATER _____ SUMP _____ DRAIN _____ VOLTAGE: _____ INSULATION? _____

Due to our continuing program of improvement, specifications are subject to change without notice.

9910 EAST 56TH STREET NORTH, TULSA, OK 74117-4011
TEL: 918-272-8700 / 800-223-9910 FAX: 918-272-8787
E-MAIL: sales@facetusa.com www.facetusa.com

5. ACCESSORY ITEMS (Continued):

I. STEEL SUPPORT STAND (FOR HORIZONTAL VESSELS ONLY) _____

J. INTERNAL EPOXY COATING? _____ **K.** AIR ELIMINATOR? _____

L. HEAD OPENING DEVICE: _____

6. BECAUSE OF COMPATIBILITY OR OTHER REASONS, DO YOU HAVE ANY PREFERENCE FOR THE FOLLOWING:

HOUSING:	**GASKET:**	**CARTRIDGE:**
❑ CARBON STEEL	❑ BUNA-N	❑ PAPER
❑ ALUMINUM	❑ VITON A	❑ SCREEN
❑ STAINLESS	❑ TEFLON®	❑ GLASS FIBER
❑ OTHER _____	❑ OTHER _____	❑ OTHER _____

7. REMARKS: _____

8. INSTRUCTIONS: SUBMIT QUOTATION TO: CUSTOMER ❑ DISTRIBUTOR ❑ REGIONAL OFFICE ❑

ORIGINAL & _____ COPIES REQUIRED

CUSTOMER	DISTRIBUTOR

Please attach a system schematic, if possible. In cases where any data is unknown or not available, indicate accordingly. Facet will contact you if further details are needed.

SUBMITTED BY:	FOR:

(Teflon is a registered trademark of E.I. DuPont de Nemours Co., Inc.)

Due to our continuing program of improvement, specifications are subject to change without notice.

9910 EAST 56TH STREET NORTH, TULSA, OK 74117-4011
TEL: 918-272-8700 / 800-223-9910 FAX: 918-272-8787
E-MAIL: sales@facetusa.com www.facetusa.com