

PROCESS SEPARATOR INQUIRY DATA SHEET

CUSTOMER: PROJECT:
ITEM: TAG NO:

GAS DATA:

GAS: AIR NATURAL GAS STEAM OTHER
GAS MOLE WEIGHT OR GAS SPECIFIC GRAVITY
GAS FLOWRATE: SCFM MMSCFD LB/HR OTHER
OPERATING PRESSURE: PSIA PSIG OTHER
OPERATING TEMPERATURE: Bf Bc COMPRESSIBILITY (Z)

LIQUID DATA:

LIQUID: WATER OIL OTHER SLUGGING: YES NO
LIQUID DENSITY: LB/FT3 OTHER OR LIQUID SP. GR.
LIQUID FLOWRATE: GPM LB/HR KG/HR OTHER

PERFORMANCE DATA:

REMOVAL OF: SOLIDS LIQUIDS BOTH
DESIRED REMOVAL EFFICIENCY: % OF MICRONS
ALLOWABLE PRESSURE DROP: INTERNALS ONLY FLANGE TO FLANGE

VESSEL DATA:

MATERIAL OF CONSTRUCTION (Vessel / Internals):
ASME DESIGN & STAMP? YES NO SECTION VIII: DIV.1 DIV.2
DESIGN PRESSURE: PSIG BAR G KG/CM2G OTHER
DESIGN TEMPERATURE (MIN / MAX): Bf Bc
CORROSION ALLOWANCE: INCH MM SERVICE: NACE LETHAL
RADIOGRAPHY: NONE SPOT FULL 100% ALL BUTT WELDS

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VESSEL CONNECTIONS

SERVICE	QUANTITY	SIZE	RATING	TYPE
Inlet				
Outlet				
Drain				
Vent				
Level Gauge				
Level Switch				
Level Controller				
Pressure				
Temperature				
Differential				
Relief				
Inspection/Manway				

Connection Notes:

1. Indicate VTA (Vendor to Advise) if not known or NA (Not Applicable) if not required.
2. NPT Connections Acceptable? ' YES ' NO
3. Quick Opening Closure Required for Filter Access? ' YES ' NO
4. Prefer Inlet: ' SIDE ' TOP ' BOTTOM
 Prefer Outlet: ' SIDE ' TOP ' BOTTOM

SEPARATOR TYPE DESIRED:

- | | |
|--------------------------|----------------------|
| ' MULTICYCLONE | ' CENTRIFUGAL TUYERE |
| ' INLINE VANE | ' CYCLOSEP |
| ' VERTICAL GAS SEPARATOR | ' FILTER/SEPARATOR |
| ' HORIZONTAL VANE | ' DRY GAS FILTER |
| ' SLUG CATCHER | ' ULTRASEP COALESCER |
| ' MESH PAD | ' OTHER _____ |

If you have any questions, please contact Thermal & Process Sales, Inc. at (225) 291-9898 or fax (225) 291-9947.