



# SUPERIOR FABRICATION, INC.

801 S. Eastern Elk City, OK 73644

Ph. (580) 243-5693

Fx. (580) 243-5507

E-Mail superiorfab@superiorfab.com

## SEPARATOR SPECIFICATION SHEET

Company name \_\_\_\_\_

Project location \_\_\_\_\_ Date required \_\_\_\_\_

Contact name \_\_\_\_\_

Phone \_\_\_\_\_ Fax. \_\_\_\_\_ E-mail \_\_\_\_\_

### Conditions :

Gas flow rate \_\_\_\_\_ MMSCFD

Gas Specific Gravity \_\_\_\_\_ (Attach gas analysis if available)

Water rate \_\_\_\_\_ BBL/day \_\_\_\_\_ Specific Gravity

Oil (Condensate) rate \_\_\_\_\_ BBL/day \_\_\_\_\_ Specific Gravity

Operating Pressure \_\_\_\_\_ PSIG at \_\_\_\_\_ deg F

Do you expect any liquid slugs?  YES  NO

If yes, list the volume of the slug and time period. \_\_\_\_\_

(Note: If a range is given in these conditions, the worst case will be used for sizing and pricing)

List any other conditions that might affect separation. (Emulsions, wax, sludge, etc.)

\_\_\_\_\_  
\_\_\_\_\_

### Specific Design Requirements and Options :

Desired Vessel MAWP (design) \_\_\_\_\_ PSIG at \_\_\_\_\_ deg F

Do you prefer a Horizontal or Vertical Separator?  HORIZONTAL  VERTICAL

Do you prefer Pneumatic or Mechanical Controls?  PNEUMATIC  MECHANICAL (limited to 500psi)

Do you need 2-Phase or 3-Phase separation?  2-Phase  3-Phase

(Note: Superior Fabrication will verify the suitability of orientation and number of phases.)

List any specific design requirements or specs such as minimum retention time or maximum droplet size in the outlet gas stream? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Superior Fabrication, Inc. can provide any type or arrangement of Separator and will quote the best for conditions stated above. However, if you prefer a specific type of Separator or specific brand of controls and instruments, please note as such here. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_