



SUPERIOR FABRICATION, INC.

801 S. Eastern, Elk City, OK 73644

Ph. (580) 243-5693

Fx. (580) 243-5507

E-Mail superiorfab@superiorfab.com

SULFATREAT UNIT

Company name _____

Project location _____ Date required _____

Contact name _____

Phone _____ Fax. _____ E-mail _____

Conditions :

Gas flow rate (per vessel) _____ MMSCFD

Operating Pressure _____ PSIG

Operating Temperature _____ °F

Hydrogen Sulfide (H₂S) _____ ppm (Inlet)

Hydrogen Sulfide (H₂S) _____ ppm (Outlet)

Specific Gravity (Air=1.0) _____ (Attach gas analysis if available)

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

Desired Bed life for Sulfatreat _____ days *(Sizing will be performed by Sulfatreat Co.)*

Vessel Size: _____ in. I.D. x _____ ft. Seam to Seam Bed Height _____ ft.

Configuration: Number of Vessels _____

Lead/Lag or parrallel flow(split stream) _____

Specific Design Requirements and Options:

Vessel Design Pressure (MAWP) _____ psig

Vessel Design Temperature (max.) _____ °F

Min Design Metal Temp. (MDMT) _____ °F *(will be lowest allowed by Code if not marked)*

Corrosion Allowance _____ in. *(will be NONE if not marked)*

X-Ray Full Spot None *(will be per Code unless marked)*

Stress Relieved Yes No *(will be per Code unless marked)*

Nozzle Sizes: (2" and smaller will be NPT unless noted, larger than 2" will be flanged to match MAWP)

Gas Inlet & Outlet _____ in. *(will be sized per gas flow rate if not marked)*

Loading Manway _____ in.

Cleanout Manway _____ in.

PSV _____ in. _____

Blowdown _____ in. _____

Sample ports _____ in. _____ number of sample ports

Coatings:

Internal No Yes, Specify _____

External primer Other, Specify _____

Bed Support: All bed supports are designed for 25 psid plus media static load of 18.75 psi and include removable heavy duty bar grating, #4 304SS wire cloth & #40 304SS screen.

Ladders & Platform: All vessels include Osha ladder(s) and appropriately sized platform for vessel.

Other Equipment: *(Please fill out and attach appropriate Spec Sheet for each)*

Inlet Separator	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Lead/Lag Piping w/ Skid	<input type="checkbox"/> Yes	<input type="checkbox"/> No
After Filter	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Skid for Lead/Lag Vessels	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Dehydration	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Common Platform	<input type="checkbox"/> Yes	<input type="checkbox"/> No