



AGI Industries
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MILTON ROY
Mixing

TOP ENTRY MIXER

Company Name _____ Location, City / State _____

Contact _____ Telephone _____

Inquiry / Project Ref. _____

FLUID PROPERTIES

Maximum Mixture _____
Specific Gravity _____

Maximum Viscosity _____ CP

Weight Percent Solids _____ %

Volume _____ Gallons

OPERATING CONDITIONS

Maximum Temperature _____ °F

Maximum Pressure _____ PSIG

PROCESS REQUIREMENTS

Customer's Words: "What is mixer expected to do?"

Blend, Batch or Residence Time _____

Degree of Agitation _____ (Mild / Moderate / Vigorous / Violent)

MECHANICAL REQUIREMENTS

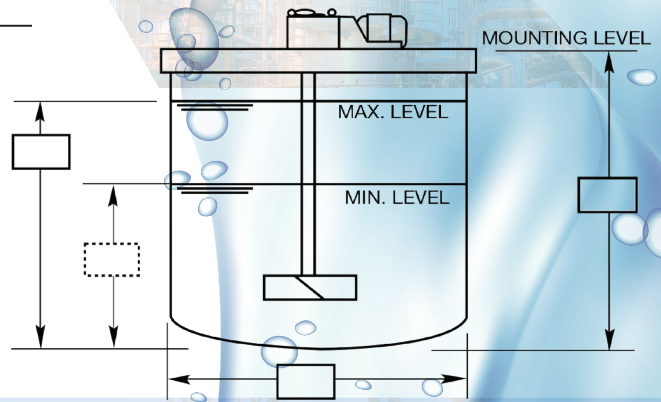
Service Factor _____ (1.25 is standard for non-shock)

Motor Specs _____ (TEFC, Explosion Proof, Other)

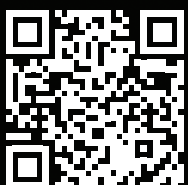
Wetted Materials _____ (C/S, 304SS, 316SS, Other)

Type of Seal _____ (Open Tank, Stuffing Box, Mech. Seal)

Other



- All levels measured to bottom of tank, not "weld line" or "tangent line."
- Mounting level is position where mixer is to be mounted, on beams or nozzle, frequently much higher than "tank height"



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SIDE ENTRY MIXER DATA SHEET

COMPANY NAME _____ LOCATION, CITY / STATE _____

INSTALLATION ADDRESS: _____

TANK QTY.: _____ TANK/EQP. NO.: _____ TANK CAPACITY*: _____ TANK ROOF: FIXED FLOATING

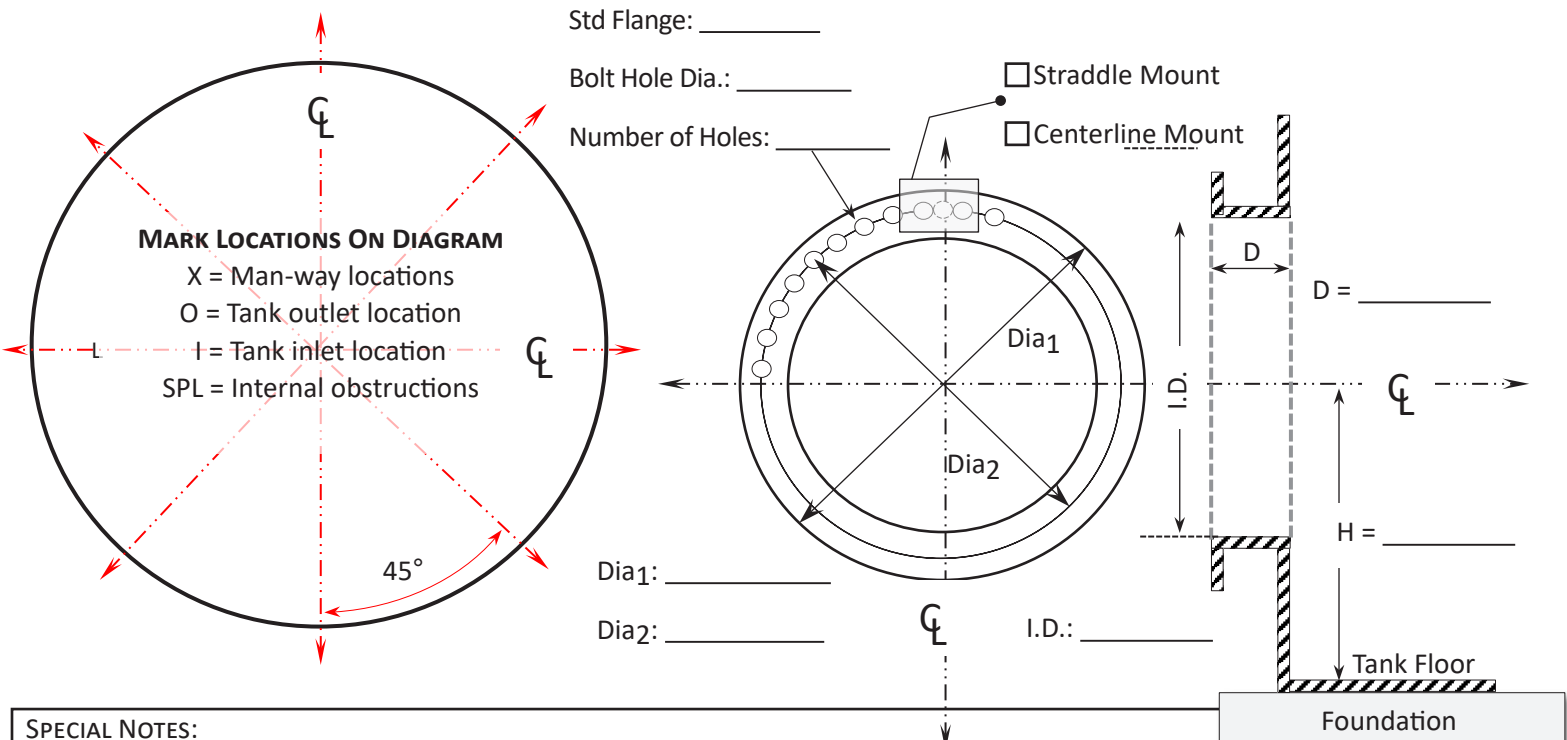
TANK HEIGHT*: _____ WIDTH*: _____ BS&W _____ BLENDING: PREFERRED BLEND TIME IN HRS.: _____

FLUID PROPERTIES	FLUID 1	FLUID 2	FLUID 3	FINAL BLEND
Fluid Name				
Specific Gravity*				
Viscosity*				
Process Temperature*				
% Solids (weight)				
Granulometry (µm)				

***Enter values (including unit used) at worst case scenarios to ensure optimal design criteria.**

MOTOR INFO.: Motor by MRM Motor IEC NEMA Imposed Motor Supplier _____
 IEEE-841 TEFC X-Proof Special
Voltage _____ Phase _____ Cycle _____ RPM _____
HP Required _____ Class _____ Division _____ Group _____
Min. Temp. _____ Max. Temp. _____

MIXER INFO.: Manhole Flange Flange Offset (10°) Offset (vertical) Assembling
 Belt Driven Gear Driven Variable Angle Fixed Angle
 Carbon Steel Wet End Other Wet End Material: _____



SPECIAL NOTES:

APPROVAL SIGNATURE _____ DATE ____/____/____