

# Vortex Separation Inquiry Data Form

<b>Company/Project Information</b>	Company name: _____	Date: _____
	Address: _____	Project name: _____
	_____	_____
	Contact name: _____	Project location: _____
	Telephone: _____	Quantity required: _____
	Fax: _____	Reference no.: _____
	Email address: _____	Desired quote date: _____
		Shipment required by: _____

<b>Design Information</b>	Type: <input type="checkbox"/> 2-Phase <input type="checkbox"/> 3-Phase <input type="checkbox"/> New <input type="checkbox"/> Retrofit <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	If retrofit, size of existing vessel: _____ (attach rough sketch)
	2- or 3-Phase service (solids?): _____
	Required liquid separation: _____    Water cut: _____    Oil in water: _____
	Gas M.W.: _____    Gas S.G.: _____    Z: _____    Viscosity: _____

<b>Operational Information</b>	Max.	Normal	Min.
Operating pressure:	_____	_____	_____
Operating temperature:	_____	_____	_____
Gas flow rate (mmscf/m3d):	_____	_____	_____
Liquid flow rate (oil) (BPD/m3d):	_____	_____	_____
Liquid flow rate (water) (BPD/m3d):	_____	_____	_____
Viscosity (Cp) of oil at operating temp: _____ (on 3-phase this is critical)			
Viscosity (Cp) of inlet emulsion at operating temp: _____			
S.G. or API G or density of oil: _____			
Slug storage required: _____		Is the slug the result of pigging: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Design pressure: _____		Design temp: _____	
Solids particle size: _____		Design code: <input type="checkbox"/> Div. 1 <input type="checkbox"/> Div. 2	

<b>Vessel Data</b>	Size	Location
Inlet line		
Gas outlet		
Oil outlet		
Water outlet		

Are there any plot space restrictions to be considered? \_\_\_\_\_

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\*Required fields are in red