SES Arrow
1224 N Lewis Ave,
Tulsa, OK 74110

COMPRESSION INQUIRY WORKSHEET

Reference Number:	
Date:	
Bid Due Date:	

GENERAL INFORMATION

Salesman/Email/Phone:		**PRODUCT TYPE**	
Customer:		Product Type:	
Contact:		Package Orientation:	
Address:		**ADDITIONAL INFORMATION**	
City, State, Zip:		Compressor Service:	
Phone:		Qty Units:	
Email:		Flow Split Per Unit:	
Project / Lease Name:		Flow Split % Per Unit:	
Job Site Location:		Firm or Budgetary Bid:	
Location Enviorment:		Funded Project:	
Duplicate or New Design:	Design Arrow Ref. #:	Design Customer Ref. #:	

STD VS. SPEC

COMPLIANCE	
Full Arrow Std:	
Customer Spec:	
Spec's Attached:	

COOLER BRAND

STUDYS

STUDYS	
Torsional:	
Pulsation:	
Skid FEA:	

DRAWINGS

DRAWING DETAIL	
Approval Required:	
Non-Approval:	

COMPRESSOR

COMPRESSOR	Stages:	
Std Package #:		
Frame:		
Cylinders:		
No Neg Tol:		

COMPRESSOR DRIVER INFORMATION

Compressor Driver	
Engine or Motor Drive:	
ENGINE	
Engine Brand:	
Engine Model:	
Silencer/Catalyst Brand:	
ELECTRIC MOTOR	
Electric Motor Brand:	
Enclosure:	
Electric Motor HP:	
Electric Motor Speed:	
Motor VFD Suitable:	
Include Main Starter:	
Main Starter Type:	
Include Aux Starter:	
Voltages:	

(PROCESS) GAS ANALYSIS or ATTACH ANALYSIS

Is Analysis Provided?:

PROCESS GAS		Mol %
Methane	CH_4	0
Ethane	C_2H_6	0
Propane	C_3H_8	0
i-Butane	C_4H_{10}	0
n-Butane	C_4H_{10}	0
i-Pentane	C_5H_{12}	0
n-Pentane	C_5H_{12}	0
Hexane	C_6H_{14}	0
Heptane	C_7H_{16}	0
Octane	C_8H_{18}	0
n-Nonane	C_9H_{20}	0
n-Decane	$C_{10}H_{22}$	0
Carbon Dioxide	CO_2	0
Hydrogen Sulphide	H_2S	0
Nitrogen	N_2	0
Water Vapor	H_2O	0
		0
		0
		0
	Total:	0

(ENGINE FUEL) GAS ANALYSIS or ATTACH ANALYSIS

Same as Process Gas?:

FUEL		Mol %
Methane	CH_4	0
Ethane	C_2H_6	0
Propane	C_3H_8	0
i-Butane	C_4H_{10}	0
n-Butane	C_4H_{10}	0
i-Pentane	C_5H_{12}	0
n-Pentane	C_5H_{12}	0
Hexane	C_6H_{14}	0
Heptane	C_7H_{16}	0
Octane	C_8H_{18}	0
n-Nonane	C_9H_{20}	0
n-Decane	$C_{10}H_{22}$	0
Carbon Dioxide	CO_2	0
Hydrogen Sulphide	H_2S	0
Nitrogen	N_2	0
Water Vapor	H_2O	0
		0
		0
		0
	Total:	0

OPERATING

CONDITIONS		DESIGN	CASE 1	CASE 2	CASE 3	CASE 4
Ps	PSIG					
Pd	PSIG					
Full Flow	MMSCFD					
Elevation	FEET					
Ts	°F					
T_{amb} Max	°F					
T_{amb} Min	°F					
Gas S.G.						

COMMENTS

Package Orientation ***Note 1: Standard Package includes radiator for engine, process gas in "SEPARATE COOLER"***

Package Orientation ***Note 2: Conventional Package "Does Not Include Radiator". Engine cooling & Process Gas cooling in "SAME COOLER"***

Process Gas ***Note 3: If Specific Gravity is between 0.6 & 0.7 a Gas Analysis is not mandatory, however above 7.0 a Gas Analysis is mandatory.***

Process Gas ***Note 4: Max acceptable range for H_2S is Sweet to 100 PPM, higher levels will not be quoted by Arrow.***