BLOWER SPECIFICATION SHEET

Package No.	Project:	Rev.
	Storage Tanks Blower Rehabilitation	0

Tag No.	C-716		
Unit		Number of Units	1
Service	87% N2 (nitrogen) + 13% EDC (Ethylene Dichloride)	Inquiry No.	-
Size & Type	-	Quote No.	-
Supplier	-	P.O. No.	-
Manufacturer	-	Job No.	-
Model	-	Serial No.	-

OPERATING CONDITIONS

Gas Handled	:	N2+EDC		Seal Fluid :		
Molecular Weight	:	-		Composition	:	Water
Suction Pressure	:	0.2	kPa (g)	Temperature	:	15 ℃
Discharge Pressure	:	2	bara	Density	:	- kg/m^3
Suction Temperature	:	50	℃	Viscosity	:	- cP
Discharge Temperature	:	*	℃	Vapor Pressure	:	- bara
Capacity Intake (normal)	:	2	A m^3/h	Heat Exchanger Chilled Water :		
Capacity Intake (min)	:	0 (total recycle)	A m^3/h	Inlet Temperature	:	10 ℃
Capacity Intake (max)	:	50	A m^3/h	Outlet Temperature	:	- ℃
"K" value (Cp/Cv)	:	-		Inlet Pressure	:	3.00 barg
Relative Humidity	:	70	%	Allowable Pressure Drop	:	0.1 bar
Altitude	:	20	m			

MECHANICAL DATA

Manufacturer :

Size & Type :

Nozzles	Size	Rating	Facing	Position
Suction				
Discharge				
HE Cooling				
Drain				
Seal Liq.				

CPLG Mfg. :

Type :

Receiver :

Capacity : * liters

Size : *

Design Pressure : * barg Temp : * ℃

☐ Code ☐ Non-Code

Heat Exchanger :

Surface Area : * m^2

Duty : * kW

Shell Design : * barg Temp. : * ℃

Tube Design : * barg Temp. : * ℃

Maximum Casing Pressure : * barg

MATERIALS OF CONSTRUCTION

Pump :

Casing : * Impeller : *

Shaft : *

Shaft Seal : *

Receiver : *

Heat Exchanger :

Shell : *

Tubes : *

Channel : *

Baffles : *

PERFORMANCE

Rated Capacity : * m^3/h @ * mm Hg vac.

Pump Speed : * RPM

No. of Stages : *

Rated BHP : *

Seal Fluid Flow Rate : * m^3/h

Cooling Water Flow Rate : * m^3/h

Rotation Facing Pump End :

☐ Clockwise ☐ Counterclockwise

MOTOR DRIVE DATA

Item No. : Manf.

Electric : 400 v 3 ph 50 Hz HP : *

RPM : * Frame : * Bearings : *

Lube : * Full Load Amps : * SF : *

Type : * Insul : * LR Amps : *

Enclosure : Zone 2, Group IIB, T2

ACCESSORIES

Silencer	:	NA
Control Valve	:	NA
Solenoid Valve	:	NA
Separator	:	NA

Note: 1. Blower should be able to operate at higher load (50 Am3/hr) for 5-6 hours in a day while for remaining time it will operate at normal load

2. Blower should be able to operate on total recycle as well (minimum load)