PRODUCT DRYING SURVEY SHEET

Customer _____ Date _____

Contact _____ Phone _____ What is the product _____

Job Name _____ What type of drying is required? ☐ Batch drying ☐ Continuous drying

Location _____ Can the product be damaged if dried too fast ☐ Drying time: _____

Date Quote Req'd _____ Date Equip. Req'd _____ Temperature not to exceed: _____ Controls: ☐ Simple ☐ Digital

Application & Instructions _____ Starting moisture conte _____ Final moisture content: _____

Form: ☐ Solid ☐ Loose ☐ Liquid ☐ Other: _____

Will Bry-Air provide cooling or temperature control? ☐ Yes ☐ No Container: ☐ Tray ☐ Bag ☐ Hopper ☐ Other: _____

If yes, indicate here: ☐ Makeup Air / Inlet ☐ Supply ☐ Space Weight in: _____ Weight out: _____ Specific heat _____ BTU/lb

What is the cooling method to be used? ☐ DX ☐ CHW What is known about how the product gives off its moisture?

If DX, is Bry-Air to supply the condensing unit? ☐ Yes ☐ No

What is the precision of design conditions required?

RH ☐ ±7% ☐ ±5% ☐ ±2% *Temp* ☐ ±7% ☐ ±5% ☐ ±2%

CONDITIONS	°FDB	°FWB	GR/LB	%RH
OUTDOOR AMBIENT				
SURROUNDING SPACE				
CONTROLLED SPACE DESIGN				

ROOM SIZE _____ L _____ W _____ H _____ FT^3

CONSTRUCTION	MATERIAL	THICKNESS	TYPE V. P.
WALLS			
WALLS			
CEILING			
FLOOR			

DOORS	TYPE	WIDTH	HEIGHT	OPENINGS / HR
QTY				
QTY				
QTY				

FIXED OPENINGS (CONVEYORS, WINDOWS, ETC.)

QTY	WIDTH	HEIGHT	DEPTH	USAGE

PEOPLE TYPE OF WORK

NO. _____ LIGHT ☐ MODERATE ☐ HEAVY ☐

OTHER PRODUCT OR MOISTURE LOADS

LBS/HR ☐ GR/HR ☐

LBS/HR ☐ GR/HR ☐

OPEN WATER	SQ. FT.	°F	VELOCITY OF AIR
			FPM

DEHUMIDIFIER OPTIONS REQUIRED

WEATHERPROOFING	Y ☐	N ☐	UL LISTED PANEL	Y ☐	N ☐
PROCESS FAN	Y ☐	N ☐	CASSETTE ONLY	Y ☐	N ☐
HEATING	TYPE		AMOUNT		
HUMIDIFICATION	TYPE		AMOUNT		
PIPING & CONTROLS	COOLING ☐		STEAM REACTIVATION ☐		
	HEATING ☐		HUMIDIFICATION ☐		

MAKE-UP AIR (OUTSIDE AIR)

CFM	°FDB	°FWB	INDUCTION THROUGH
			DEH ☐ AHU ☐

EXHAUST AIR CFM	CONTAMINATES

FILTERS REQUIRED

LOCATION	30%	45%	65%	95%	CLEANABLE	DISPOSABLE
PROCESS INLET	☐	☐	☐	☐	☐	☐
MAKE-UP AIR	☐	☐	☐	☐	☐	☐
PROCESS OUTLET	☐	☐	☐	☐	☐	☐
REACT INLET	☐	☐	☐	☐	☐	☐

STATIC PRESSURES REQUIRED

	INLET	OUTLET	EXTERNAL
PROCESS			☐ 1.5" Other
REACT			☐ 0.75" Other

INTERNAL SENSIBLE LOADS (IF TOTAL KNOWN, ENTER DIRECTLY IN FIRST LINE)

TOTAL		BTUH
LIGHTS		WATTS
MOTORS	DRIVEN IN OUT	H.P.
MATERIALS	°F S.H.	LBS/HR
OTHER		

INSULATION	TYPE	THICKNESS	U FACTOR (1/R factor)
WALLS			
CEILING			
FLOOR			

SERVICES AVAILABLE

ELECTRIC	Volts/	Phase/	HZ	
STEAM	PSIG			
HOT WATER	°F	GPM	PSIG	
GAS	Natural ☐	Propane ☐ @	BTU/CU.FT.	
WATER	°F	GPM	% Glycol	PSIG
REFRIGERATION	Type	@	BTUH	