



DEHUMIDIFICATION SURVEY SHEET

PROCESS AIR, PRODUCT STORAGE, PRODUCT CONVEYING

Date _____ Customer _____ What is the type of dehumidification required? Process air only
 Contact _____ Phone _____ Silo Condensation Prevent moisture regain Air to conveyor
 Job Name & Location _____ Is Bry-Air required to provide cooling? Yes No
 Application _____ If yes, indicate here: Makeup Air / Inlet Supply
 Date Quote Req'D _____ Date Equip. Req'D _____ What is the cooling method to be used? DX CHW
 Instructions _____ If DX, is Bry-Air to supply the condensing unit? Yes No
 Product type _____ What is the precision of design conditions required?
 HUM. ±7% ±5% ±2% Temp ±7% ±5% ±2%

CONDITIONS	°FDB	°FWB	GR/LB	%RH	PROCESS OR SUPPLY AIR
OUTDOOR AMBIENT					CFM Delivered °FDB, or maximum °F °F Dewpoint GR/LB %RH
SURROUNDING SPACE					
CONTROLLED SPACE DESIGN					
SILO SIZE, FT. L W H FT ³					AIR SOURCE °FDB °FWB GR/LB %RH
SILO SIZE, FT. Dia. % full H FT ³					Ambient <input type="checkbox"/> Other, Describe: _____
LOWEST PRODUCT LEVEL <input type="checkbox"/> 75% <input type="checkbox"/> 50% <input type="checkbox"/> 25% <input type="checkbox"/> Empty					CONVEYOR DUTY CYCLE
DEFAULT NO. OF AIR CHANGES / HR. <input type="checkbox"/> 1.0 <input type="checkbox"/> 1.5 <input type="checkbox"/> 2.0 <input type="checkbox"/> Other _____					EXTENDED PERIODS <input type="checkbox"/> INTERMITTENT Minutes on Minutes off
SILO CONSTRUCTION " THICK. VAPOR BARRIER INSUL., " THICK.					FILTERS REQUIRED
WALLS <input type="checkbox"/> metal <input type="checkbox"/> concrete					LOCATION 30% 45% 65% 95% CLEANABLE DISPOSABLE
ROOF <input type="checkbox"/> metal <input type="checkbox"/> concrete					PROCESS INLET <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
FIXED OPENINGS (CONVEYORS, VENTS, ETC.) QTY WIDTH HEIGHT DEPTH EXPOSURE					MAKE-UP AIR <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
					PROCESS OUTLET <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
					REACT INLET <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
					STATIC PRESSURES REQUIRED
					INLET OUTLET EXTERNAL
OTHER PRODUCT OR MOISTURE LOADS					PROCESS <input type="checkbox"/> 1.5" Other
LBS/HR <input type="checkbox"/> GR/HR <input type="checkbox"/>					REACT <input type="checkbox"/> 0.75" Other
DEHUMIDIFIER OPTIONS REQUIRED					SERVICES AVAILABLE
WEATHERPROOFING Y <input type="checkbox"/> N <input type="checkbox"/>					ELECTRIC Volts/ Phase/ HZ
PROCESS FAN Y <input type="checkbox"/> N <input type="checkbox"/>					STEAM PSIG
HEATING TYPE AMOUNT					HOT WATER °F GPM PSIG
HUMIDIFICATION TYPE AMOUNT					GAS Natural <input type="checkbox"/> Propane <input type="checkbox"/> @ BTU/CU.FT.
PIPING & CONTROLS					WATER °F GPM % Glycol PSIG
COOLING <input type="checkbox"/> HEATING <input type="checkbox"/>					REFRIGERATION Type @ BTUH
STEAM REACTIVATION <input type="checkbox"/>					
HUMIDIFICATION <input type="checkbox"/>					