



INSULATION CODE

CODE	INSTALLATION	SYMBOL
WS	HOT INSULATION WITH SS304 CLADDING	
WMS	HOT INSULATION WITH MS CLADDING	

LINE TYPES USED FOR DRAWING

	PROCESS FLOW LINE
	ELECTRIC SIGNAL
	PNEUMATIC SIGNAL

NOMENCLATURE

CB1 - COLLECTION BIN 1	P - ATOMISATION PRESSURE INDICATOR	FCV - STEAM FLOW CONTROL VALVE	SRT - SOLVENT RECOVERY TANK
CB2 - COLLECTION BIN 2	V - VACUUM INDICATOR	DCH - DRYING CHAMBER	SV - SYSTEM VENT
CB3 - COLLECTION BIN 3	O2 - O2 ANALYZER	CY - CYCLONE	CTWS - COOLING TOWER WATER SUPPLY
VFD - VARIABLE FREQUENCY DRIVE	BF - BAG FILTER	BF - BAG FILTER	CTWR - COOLING TOWER WATER RETURN
FM - FEED PUMP MOTOR	HF - HEPA FILTER	HF - HEPA FILTER	DPT - DIFFERENTIAL PRESSURE TRANSMITTER
T1 - INLET TEMP. SENSOR	IA - INSTRUMENT AIR	IA - INSTRUMENT AIR	
T2 - OUTLET TEMP. SENSOR	FCT - FRESH CIP TANK	FCT - FRESH CIP TANK	
T3 - SAFETY TEMP. SENSOR	BV - BALL VALVE	BV - BALL VALVE	
T4 - CHILLER TEMP. SENSOR	DR - DRAIN	CL - CONDENSATE LINE	



Labultima
Process Technologies Pvt. Ltd.

TITLE :- P&ID FOR 5 KG PILOT SPRAY DRYER CLOSE LOOP

CLIENT :- HEKA LABS

DRG. NO. :- LUPTPL/SD/5 KG/CL/39/01-23

SCALE	DRN BY	CHKD BY	APPD BY	DATE	SHEET	REVISION
N.T.S.	R.A.P.	A.P.	R.P.D.	21/01/2023	1 OF 1	00