

## Transaction Information

Tool ID	MNA2101
Tool Status	Connected
Location	Malta, NY
Wafer Size	300 mm
Fab Section	Support Tools
Tool Available Date	2020-01-21

## General Product Information

Vendor Supplier	DESPATCH
Model	PWB-48X38X64-3E
Vintage	2011
Serial No	183010
Asset Description	DESPATCH Bake-out Cabinet Oven
Software Version	N/A
CIM	NONE
Process	Drying Oven

## Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Factory Interface	NONE	0	
Main System	DESPATCH Bake-out Cabinet Oven	1	OK
Handler System	N/A	0	
Options System	N/A	0	
Others			

## Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
N/A	0	

## Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	0

# Tool Pictures

General

General



General

General



General

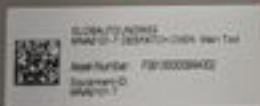
General



General

General

# MNA2101



MNA2101		Checked by	Lee Wishart
Despatch Item PWD*AKs38x54-3		Item Number	71002217
Module	ETCH		
Location	Bay 51		
Module Manager	Doug Bonser Ext. 6-8400		
Tool Owner	Lee Wishart (EE) Ext. 6-8492; m: 518-795-5548		
Tool Back up Contact	Roehl Cagara (EE) Ext. 6-8490; m: 518-380-3927		
HAC	Bill Bozyski, 518-225-4107		
Supplier Contact	David Schrupp, 952-469-8102		

Hardware Fab

Hardware Configuration (Fab)





# Despatch

## ⚠ WARNING

FAILURE TO HEED THESE WARNINGS CAN RESULT IN DEATH, SERIOUS BODILY INJURY OR PROPERTY DAMAGE.



DO NOT USE ANY FLAMMABLE SOLVENT OR OTHER FLAMMABLE MATERIAL IN THIS EQUIPMENT.

## ⚠ WARNING



YOU MUST TURN OFF THE DISCONNECT SWITCH WHEN SHUTTING DOWN OR SERVICING THIS EQUIPMENT.  
NOTE:  
WHEN SERVICING SOLID STATE HEATER CONTROL SYSTEMS (SCR OR IGBT), THERE IS HIGH VOLTAGE POTENTIAL TO THE ELECTRIC HEATER CIRCUITS WHEN THE DISCONNECT IS ON AND ANY OF THE FOLLOWING CONDITIONS EXIST:  
1) EQUIPMENT IS OR IS NOT IN OPERATION  
2) CONTROL OR HEATER SWITCH IS IN THE "OFF" OR "ON" POSITION.  
3) CURRENT IS ON IS NOT FLOWING THROUGH THE HEATER CIRCUIT.

## ⚠ WARNING

BEFORE STARTING THIS EQUIPMENT THE OPERATOR MUST BE CERTAIN THAT ALL PERSONNEL ARE OUT OF THE EQUIPMENT AND CLEAR OF THE MOVING PARTS.

## ⚠ WARNING

ON ALL MANUAL OR AUTOMATIC PROCESSES, THE FURN SHOULD REMAIN IN OPERATION UNTIL OVEN TEMPERATURE IS BELOW 300°F (149°C).

## ⚠ WARNING

BEFORE PUTTING THIS EQUIPMENT INTO OPERATION:  
A) READ THE "HIGH LIMIT CONTROL" INSTRUCTION SHEET LOCATED IN THE EQUIPMENT MANUAL.  
B) SET THE HIGH LIMIT CONTROL AS INSTRUCTED IN THE EQUIPMENT MANUAL.

## ⚠ CAUTION

FAILURE TO HEED THESE CAUTIONS CAN RESULT IN INJURY OR PROPERTY DAMAGE.

- BEFORE OPERATING THIS EQUIPMENT READ THE INSTRUCTION MANUAL CAREFULLY AND COMPLY WITH ALL WARNINGS AND RESTRICTIONS. CONTACT DESPATCH CUSTOMER SERVICE IMMEDIATELY IF YOU DO NOT HAVE A MANUAL IN YOUR POSSESSION.
- THE DESIGN OF THIS EQUIPMENT MUST COMPLY WITH OPERATION PROCEDURES AND TRAINING OF OPERATING PERSONNEL AS STATED IN THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) 1910.333 SECTION 1 AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 69.
- DO NOT PROCESS CLOSED CONTAINERS OF ANY SUBSTANCE OR LIQUID IN THIS OVEN BECAUSE THEY MAY EXPLODE UNDER HEAT.

## HELP - LINE

SERVICE (U.S.): 1-800-473-7373  
SERVICE (INT.): 1-952-469-8230  
WEBSITE: WWW.DESPATCH.COM

## DESIGN INFORMATION AND SPECIFICATION

THIS EQUIPMENT (SERIAL NUMBER: 180012) HAS BEEN DESIGNED SPECIFICALLY FOR GLOBAL FOUNDRIES AND THE FOLLOWING CONDITIONS:  
USE OF EQUIPMENT: BAKING TOOLS  
AMOUNT OF PRODUCT: VARIES  
HEATING TIME: VARIES  
MAX. OPERATING TEMPERATURE: 204 to 400 °F  
F/A ELECT: N/A (EVALUATE 2.00" DIA)  
F/A DAMPER BLADE CUT TO: N/A  
EVALUATE DAMPER BLADE CUT TO: N/A  
MINIMUM PURGE TIME REQUIRED: 5 MINUTES  
TYPE OF SOLVENT (FLAMMABLE LIQUID OR GAS): N/A  
MAXIMUM AMOUNT ALLOWED: N/A

DO NOT CHANGE THIS EQUIPMENT'S PROCESSES STATED ABOVE WITHOUT WRITING PERMISSION FROM DESPATCH INDUSTRIES, INC.

SERVICE (U.S.): 1-800-473-7373  
SERVICE (INT.): 1-952-469-8230  
WEBSITE: WWW.DESPATCH.COM

## DESIGN SPECIFICATIONS

SERIAL: 180012  
MODEL: FV5716x36x64-3E  
HEATER TYPE: ELECTRIC  
HEATER CAPACITY: 24KW  
HEATER AMPS: 68.5A  
LINE VOLTAGE: 208V 3PH 3W/4C  
LARGEST MOTOR AMPS: 8.5A  
TOTAL MOTOR AMPS: 8.5A  
FULL LOAD AMPS: 79.4A  
MAIN SWITCH AMPS: 100A  
MAIN SWITCH S.C.C.R: 50KA  
ENCLOSURE S.C.C.R: 50KA  
GAS SUPPLY: N/A  
ELECTRICAL DWG: 2005A-1

# Despatch

SERVICE (U.S.): 1-800-473-7373  
SERVICE (INT.): 1-952-469-8230  
WEBSITE: WWW.DESPATCH.COM  
P/N 581518





Manufacture Serial

Manufacturer Serial Number Plate



1462

- EVI ●
- EV2 ●
- EV3 ●
- EV4 ●

- RUN ●
- HLD ●
- x60 ●

ROF

RUN/HOLD

DESPATCH IND.

CAL DATE 10-8-11

OVEN S/N 183010

JOB # 57425

DUE DATE 10-8-12

## DESIGN INFORMATION AND SPECIFICATION

### WARNING

**EQUIPMENT INFO**

CONTROL\* INSTRUCTION  
EQUIPMENT MANUAL  
CONTROL AS INSTRUCTED  
MANUAL

THIS EQUIPMENT (SERIAL NUMBER) 183010  
HAS BEEN DESIGNED SPECIFICALLY FOR  
GLOBAL FOUNDRIES  
AND THE FOLLOWING CONDITIONS:  
USE OF EQUIPMENT  
BAKING TOOLS  
AMOUNT OF PRODUCT VARIES  
HEATING TIME VARIES  
MAX. OPERATING TEMPERATURE 204 °C 400 °F  
F.A. DUCT N/A EXH. DUCT 2.00" DIA  
F.A. DAMPER BLADE CUT TO N/A  
EXH. DAMPER BLADE CUT TO N/A  
MINIMUM PURGE TIME REQUIRED -0- MINUTES  
TYPE OF SOLVENT (FLAMMABLE LIQUID OR GAS):  
N/A  
MAXIMUM AMOUNT ALLOWED N/A

DO NOT CHANGE THIS EQUIPMENT\* TO THE PROCESS  
STATED ABOVE WITHOUT WRITTEN PERMISSION FROM  
DESPATCH INDUSTRIES, INC.

SERVICE (U.S.): 1-800-473-7373  
SERVICE (INT.): 1-952-469-8230  
WEBSITE: WWW.DESPATCH.COM 974757L

### CAUTION

USE CAUTIONS CAN RESULT  
IN PROPERTY DAMAGE.

THIS EQUIPMENT READ  
MANUAL CAREFULLY AND  
TRAINING AND INSTRUCTIONS.  
CUSTOMER SERVICE  
DO NOT HAVE A MANUAL  
FILE.

THIS EQUIPMENT MUST COMPLY  
WITH PROCEDURES AND TRAINING  
PERSONNEL AS STATED IN THE  
SAFETY AND HEALTH ACT (OSHA)  
AND THE NATIONAL FIRE  
PROTECTION ASSOCIATION (NFPA) 66.

DO NOT OPEN CLOSED CONTAINERS OF ANY  
KIND IN THIS OVEN BECAUSE  
OF PRESSURE UNDER HEAT.

## DESIGN SPECIFICATIONS

SERIAL 183010  
MODEL PWB\*48x38x64-3E  
HEATER TYPE ELECTRIC  
HEATER CAPACITY 24KW  
HEATER AMPS 66.8A  
LINE VOLTAGE 208V-3PH-50HZ  
LARGEST MOTOR AMPS 8.5A  
TOTAL MOTOR AMPS 8.5A  
FULL LOAD AMPS 79.4A  
MAIN SWITCH AMPS 100A  
MAIN SWITCH S.C.I.R. 85KA  
ENCLOSURE S.C.C.R. 5KA  
GAS SUPPLY NA  
ELECTRICAL DWG 306560\*

### DESPATCH

1-800-473-7373  
1-952-469-8230

WWW.DESPATCH.COM

# Despatch

SERVICE (U.S.): 1-800-473-7373  
SERVICE (INT.): 1-952-469-8230  
WEBSITE: WWW.DESPATCH.COM  
PIN 181512A

## Additional Tool Data Files