

2.4 DRS25 System Alarms

The following alarms to the DRS25 system will halt the process until the problem has been corrected and the alarm is cleared:

This alarm type occurs when one of the following conditions is detected:

Machine Hardware Alarms

- * SerialPort_Failure
- Z_Axis_Motor_Comm_Restart
- Vision_Axis_Motor_Comm_Restart
- Nozzle_TempControl_Comm_Restart
- Left_Preheat_TempControl_Comm_Restart
- Right_Preheat_TempControl_Comm_Restart
- Center_Preheat_TempControl_Comm_Restart
- DeviceIO_Communication_Restart
- Low_Pressure_Air_Regulator
- Low_Pressure_N2_Regulator

Process Alarms

Nozzle_Temperature_Limit,
Nozzle_TC_Error,
Left_Preheater_Temperature_Limit,
Left_Preheater_TC_Error,
Right_Preheater_Temperature_Limit,
Right_Preheater_TC_Error,
Center_Preheater_Temperature_Limit,
Center_Preheater_TC_Error,
Below_Minimum_Nozzle_Flow_Rate,
Nozzle_Flow_Sensor_In_Position_Failed,
Exceeded_Max_FootSwitch_Delay,
Exceeded_Max_TC_Control_Delay,
TC1_Not_Connected,
TC2_Not_Connected,
TC3_Not_Connected,
TC4_Not_Connected,
TC5_Not_Connected,
TC6_Not_Connected,
TC7_Not_Connected,
TC8_Not_Connected,
Site_Clean_Tool_Clogged

* Computer must be rebooted to clear.

The various alarms are explained in further detail in the Software section.