

PylonGDS-8451 : Composite Press Control Software System

\$ PylonRTD	_ O ×
Status	
Ptotle Ref: S/K S/WALLS &R/WALLS J Condition: Waiking	
Graphical	Alamo
PRESS 4 TEST 5000	Rame Lockout
	Boiler Safety Circuit
-200	110v Supply
	C 240v Supply
	Structure Coolant
3000	Cooling System
	🗖 Bag Air Pressure
-100	Press Hydraulics
	Profile Running
	Control System Hold
1000	Extern/Operator Hold
<u>╞─╱───────────────────────────────────</u>	Auto Interlock
1 2 3 4 5 6 7 8 9 10111213141516171819202122232425262728293031323334353637	Maximum Cool
Tue Apr 13 07:14:43 1999 Time in Mins	₩ < <spare>></spare>
Tabular	✓ <<5pano>
StateA StateB R. R Component Temp 123.4 Tool T/C No 5 123.4	P400 Comms
Temp Setpoint 123.4 Tool T/C No 1 123.4 Tool T/C No 6 123.4	C2000 Comma
Dil Pressure 123.4 Tool T/C No 2 123.4 Pressure Setpoint 123.4	C Logging Buffer
Air Pressure 123.4 Tool T /C No 3 123.4 Dil Temp 123.4 Tool T /C No 4 123.4 Fri Mar 26 12:18:30 1999	Analog Alam

The Pylon GDS system is a general purpose, graphic display system for operator inter-action and control of intelligent plant equipment. The 8451 variant has been configured for use with composite material press and autoclave installations, to fully automate the cure control of composite components from a central location.

Description:

The Pylon software is connected to the control systems via standard PC serial communication channels, which operate high speed streaming protocols to ensure the fast secure execution of commands and acquisition of data.

Complete control temperature profiling, controllers and sequencing is provided through the use of a three-tier system which includes: -

- System supervisory workstation for job control and data inspection.
- Real-time operator display stations.
- Secure control level.

Features: -

- Industry standard IBM PC compatible
- Multi platform Windows GUI
- Complete manual and automatic profile generation
- Quality control of released profiles
- Automatic error-free profile data transfer for control
- Automatic data collection and recording
- Historic data review for quality records
- Data archiving and exporting.



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