

PLC

PROGRAMMABLE LOGIC CONTROLLER



CLAYTON INDUSTRIES' PLC BASED STEAM SYSTEMS INCORPORATE THE LATEST TECHNOLOGY IN BOILER CONTROLS, AND PROVIDE INSTANT TOUCH ACCESS TO OPERATING CONTROL AND INFORMATION



- INCREASED EQUIPMENT RELIABILITY BY ELIMINATING MECHANICAL RELAYS AND TIMERS.
- PROVIDES DIRECT COMMUNICATION LINKS WITH BOILER ROOM AND PLANT CONTROL SYSTEMS
- ALLOWS FOR MULTIPLE UNIT CONTROL SEQUENCING
- COMPATIBLE WITH MODBUS, ETHERNET/IP AND BACNET PROTOCOLS

CLAYTON COMPUSTEAM PLC

SPECIFICATIONS

COMPUSTEAM PLC - I, II & III

Clayton Compusteam PLC Control Systems, which are standard on all modulating models, are available in three basic levels, I, II & III, with a variety of options for expanding the capabilities beyond the basic systems. When operating, the PLC systems provide increased reliability. Operating parameters are readily available, on the Operator Interface Unit (OIU) displays and for remote data acquisition and control purposes. PLC interface capability also lends itself to improved communications between the Steam Generator controls and total plant monitoring systems. PLC based controls also provide enhanced control for multiple unit installations.

LEVEL I FUNCTIONS -

Firing Rate, Steam Pressure
Run Hours, Pressure Set Points

LEVEL II FUNCTIONS -

All Level I functions plus:
Exhaust Gas Temp., Coil Tube Temp.
Feedwater Supply Pressure & Temp.

LEVEL III FUNCTIONS -

All Level II functions plus:
Steam & Gas Flow Metering

OPTIONAL FEATURES

Remote Start/Stop
Remote Pressure Set Point
Ethernet Communications,
Modbus, or BACnet
Automatic Start/Stop Sequencing of
Multiple Units



PLC LEVEL 1 OPERATOR INTERFACE

Clayton
INDUSTRIES

Your Single Source for Steam Technology Since 1930

World Headquarters
17477 Hurley Street
City of Industry, CA 91744
800.423.4585 tel • 626.435.0180 fax
email: sales@claytonindustries.com
www.claytonindustries.com

**Europe, Africa &
Middle East Headquarters**
Rijksweg 30 • B-2880 Bornem, Belgium
32.3.890.5700 tel • 32.3.890.5701 fax
email: sales@clayton.be

Latin America Headquarters
Manuel L. Stampa 54 • Nueva Industrial Vallejo
Mexico D.F., 07700 Mexico
Toll Free: 01.800.888.4422 • (55)55.86.51.00 tel
(55)55.86.23.00 fax • email: claytonmexico@clayton.com.mx
www.claytonmexico.com.mx

ATLANTA • BOSTON • CHICAGO • CINCINNATI • CLEVELAND • DALLAS • DETROIT • KANSAS CITY • NEW YORK/NEW JERSEY • SAN FRANCISCO

Clayton Deutschland GmbH
Clayton Thermal Products Ltd (UK)

Clayton Scandinavia A.S.
Clayton Nederland B.V.

Clayton de France S.A.R.L.
Clayton Sales & Service Canada

World Leaders in Precision Steam Generators, Fluid Heaters, Heat Recovery Systems and Customer Service