

BOILER SIMULATOR CONTROL/PANEL

MODEL: SAH15



FEATURES

- Generic Trainer
- Easy and versatile operation
- Fault finding and trouble shooting facility
- Incorporates standard industrial components

DESCRIPTION

This system is designed to demonstrate, trouble shoot and easy understanding of a generic boiler firing sequence. A large size mimic helps understand the system better.

Two options are available,

- SAH15-1: Master-Slave Boiler
- SAH15-2: Single Boiler

The entire sequence can be simulated in Manual or Auto Mode. For manual mode, individual switches are provided. Demand can also be simulated. Alarm annunciation and Air Fuel Ratio display is provided for real-life feel of the boiler simulation.

Following faults can be introduced by instructor using a separate "Instructor's Panel". Trainees then go through logical process of fault finding.

- 1) FO temperature low
- 2) FO temperature high
- 3) Water level Low
- 4) Water level Low-Low
- 5) Faulty flame detector/Flame extinguished
- 6) Steam pressure High

INSTRUCTION MANUAL

Self explanatory operating manuals are provided with the system. Practical exercises are also included in the manual.

SERVICES REQUIRED

1. Electric supply 230 V AC, 50 Hz

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(1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
(2) Photographs are indicative only.