

With this kit, remove all control air components from the acetylene generator including temperature, orifice, and flapper controls. These components are replaced with switches and relays that operate with intrinsically safe circuits.

Upgrade

Actuated ball valves for the water inlet and drain

Temperature operated controls to replace air operated controls

Switches to replace orifice and flappers

Relays to retrofit the screwfeed safety interlock

Stainless steel tubing to connect solenoids to actuated ball valves

Control panel for installation in the plant electrical room

Wiring diagrams

TECHNICAL SUPPORT SERVICE

Additional time Billing Details



\$165/hour

Limited Period Offer

Upto 8 hours of no-site, phone and or/email technical support included with your 'Upgrade Kit' A \$1250 Value!

Functionality of the Upgraded System

Normal **Functioning**

temperature reaches a preset point, a solenoid is activated to add water to the generator. A high water alarm will stop the addition of water.

When the

Addition of Water

when activated by temperature or when the screwfeeds of the generator run.

Water is added

Alarm Bell

High Water

alarm is activated, an alarm bell will sound. The actuated ball valve for water control is shut, even when addition of water is activated by temperature, and by the screwfeed

If the high water

Alarm Bell

Low Water

sensed, an alarm is activated and the drain valve of the generator is closed.

When low level is

Temperature Alarm

Generator

is a separate control the uses a mechanical temperature probe. When the set temperature is reached, an alarm is sounded.

Generator

temperature alarm

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ACETYLENE GENERATOR





PLANT: ATX SERIES

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