



PROTECTION CONTROLS, INC.

ELECTRICAL SAFETY EQUIPMENT

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Protection Controls, Inc is the only company where the primary product was and is Combustion Safeguards. Bob and Jim Yates founded the company in 1953. Bob Yates held several patents in the 1940's for inventing the flame rectification principal, that the flame actually conducts electrical current and rectifies AC current to DC current. This principle is still in use today since flame rods are the most popular method of sensing flames in industrial burners.

PCI is still owned by the Yates family with Douglas and Bruce Yates managing the company. PCI has 30 employees.

PCI Protectofiers are used in every industry where gas or oil burners are used: paper and textile dryers, heat treating furnaces, ceramic, glass and brick kilns, grain, fruit and nut dryers, air make-up heaters, thermal oxidizers and afterburners, crematories, and many more.

PCI makes single and multi-burner Protectofiers. They all use the same interchangeable plug-in amplifiers and relays. High signal strength provides an advantage over the competition. Also, Protectofiers work with either flame rod flame sensors or ultra violet scanners or both. Protectofiers provide continuous, automatic protection against build-up of combustible fuel mixture due to flame failure.

PCI has recently introduced the unique and revolutionary Dual/Redundant Self Check Ultra Violet Flame Sensor and Combustion Safeguard Control. There are no moving parts, so reliability and durability provide a big advantage over shutter based self check u-v controls.