

MISSION STATEMENT

Wenco Energy Corp. offers a full line of Oil Field/ Industrial Flame Arresters, Oil Field/ Industrial Vent, Thief and Gauge Valves and Hatches and Oil Field Fire Box Flame Arrestors, Burners and Accessories. We manufacture products that offer both maximum protection and performance characteristics by capitalizing on our 31 years of oil field/ industrial manufacturing experience. Our goal is to manufacture products that, first and foremost, safeguard the well being of people and, in addition, provide protection to down stream assets and processes from ignited, flammable vapor mixtures that can potentially travel through oil field/ industrial process, venting and fire tube piping systems.

INLINE FLAME ARRESTER SERIES 7000

Wenco Series 7000 Industrial Flame Arresters are engineered to stop flame propagations, helping to protect downstream equipment and processes. The unique non-welded and cleanable element utilizes an industry standard crimped metal ribbon allowing for maximum flow and protection. Units are bi-directional and may be mounted in either a vertical or horizontal position for either group “D” or group “C” gases.



The Series 7000 Industrial Flame Arrester can be fabricated from Aluminum, Carbon Steel or Stainless Steel with an Aluminum or Stainless Steel Element. Sizes range from 1-inch connections to 12-inch connections, API flanged for either concentric or eccentric design. Larger sizes will be quoted by request.

INLINE FLASH ARRESTER SERIES 700

Wenco Series 700 Inline Flash Arresters are economically engineered for small piping installations up to 6-inch with threaded connections. These units are designed with a unique non-welded element housing that can easily be replaced or cleaned and use an industry standard spiral wound crimped metal ribbon. These units are bi-directional and can be installed vertically or horizontally for group “D” or group “C” gases.

Standard construction is Carbon Steel or Stainless Steel with either Aluminum or Stainless Steel Elements. These units range in size from ¼-inch threaded to 6-inch threaded connections.



END OF LINE FLAME ARRESTER SERIES 7500



Wenco Series 7500 Industrial Flame Arresters are designed to be installed in vertical, end-of-line applications. These units allow for vapors to be vented to the atmosphere while providing protection from outside ignition sources that otherwise would ignite the flammable gases on the protected side of the Flame Arrester. Units are constructed using a unique non-welded crimped metal ribbon element offering protection and maximum flow for both group "D" and group "C" gases.

The series 7500 can be fabricated from Aluminum, Carbon Steel or Stainless Steel with an Aluminum or Stainless Steel Element. Sizes range from 1-inch flanged to 12-inch flanged connections. Larger sizes will be quoted by request.

THIEF HATCHES SERIES 300 & 300 LB.

Wenco Series 300 Thief Hatches have an 8-inch standard round base with (16) 5/8" holes on a 10 3/8" bolt circle with an API bolting pattern. They offer pressure and vacuum relief with a standard pressure setting from 4 oz. to 16 oz. and 4/10 oz. vacuum relief. In addition, each latch down hatch readily operates as a vital means of controlling vapor loss and tank protection while providing convenient access to storage tanks for gauging and sampling.



INLINE AND STACK VENT VALVES SERIES 2000 & 3000



Wenco Series 2000 Inline Vent Valves and Series 3000 Stack Vent Valves are designed to be installed in inline/ end of line applications allowing for storage tanks to breathe while providing protection from internal pressure and vacuum changes. The standard setting offered is 1 oz. pressure and 4/10 oz. vacuum with a 2-inch or 3-inch slip-on flange connection. The pressure setting may be increased in 1/2 oz. increments up to 16 oz. (or 1 lb.) of atmospheric pressure.

Units come standard with nitrile gaskets. Non-corrosive coatings and gaskets are available for Vent Valves and Thief Hatches by request.

ATMOSPHERIC FUEL AIR MIXERS & BURNER NOZZLES

Main gas burners are designed to provide stable, accurate air/gal mixtures to the main burner tip (nozzle) under varying atmospheric operating conditions. In the oil field sector these units operate on from 1 psig to 25 psig depending on the fuel source available. The units are offered with connection sizes from 3/4 inches to 5 inches.



FUEL GAS SAFETY VALVE

Wenco FGSV's (Fuel Gas Safety Valves) are used to connect and control the fuel source to the Fire Box Flame Arrester on a gas fired vessel, usually with a drip pot, that fills with fluid which in turn lifts the float assembly to shut off the fuel gas flow to the Fire Box Flame Arrester. Generally, this works in conjunction with a production cycle to move product from the ground to storage points for collection.



PILOT ASSEMBLY

Wenco Series 1000 Pilot Assembly is designed to provide stable, accurate air/gas mixture to the Pilot Burner Tip under varying atmospheric conditions. This Pilot may be operated as a low atmospheric burner (4" w.c. to 1 psig) or as a high atmospheric burner (1 psig to 25 psig). Pilots can be purchased as complete assemblies or as individual parts.



FIRE BOX FLAME ARRESTED GAS BURNERS 'O' STYLE & BOX STYLE

Wenco 'O' Style Flame Arrested Burners (FAB's) are used in lower BTU ratings, generally .05 MM BTU to 3.5 MM BTU.

Wenco Box Style Flame Arrested Burners (FAB's) are used in higher BTU ratings, generally 2.5 MM BTU to 10.0 MM BTU applications. Construction for both styles is from Aluminum Sheet with Aluminum Elements. Fire Box Flame Arrested Burners provide the heat source for Oil & Gas Production Equipment such as Heater-Treaters, Line and Tank Heaters and Glycol Dehydration Units. The BTU rating of the vessel typically determines the size of the Fire Box Flame Arrested Burner.



'O' Style Flame Arrested Burner



2 Piece Style Flame Arrested Burner



BOX Style Flame Arrested Burner

MANUFACTURING QUALITY PRODUCTS FOR THE OIL AND GAS INDUSTRY

CONTACT INFORMATION:

WENCO ENERGY CORPORATION

P.O. Box 35444

TULSA, OK 74153-0444 USA

TOLL FREE: (888) 252-4511

PHONE: (918) 252-4511

FAX: (918) 252-4512

EMAIL: SALES@WENCOENERGY.COM

WEBSITE: [HTTP://WWW.WENCOENERGY.COM](http://WWW.WENCOENERGY.COM)