



**THE WORLD LEADER IN HYDROTESTING
AND ISOLATION TECHNOLOGIES**

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www.carbertesting.com

Call us to schedule a
Lunch & Learn TODAY!

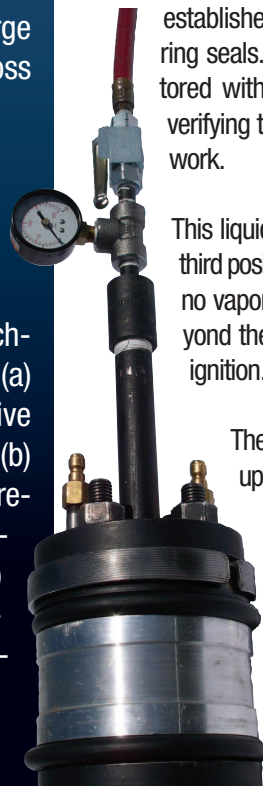
NEW: Patent-Pending CARBER® Self-Restrained Isolation Service

**THE SAME CARBER® TOOL
YOU'VE COME TO KNOW AND
TRUST FOR ITS SAFETY...**

As the industry has learned about and tested the traditional CARBER® isolation tool, it has readily embraced it for its ability to provide guaranteed seals that can be monitored for the entire duration of area hot work. In addition, the venting provision of the CARBER® tool has allowed upstream activity to be monitored while being re-routed to safe locations that are an adequate distance from any ignition sources. This traditional CARBER® tool has been written into the safe operating standards and best practices of many large and respected companies across the globe.

**BUT NOW ENHANCED TO BE
EVEN SAFER...**

The new CARBER® isolation technology combines the ability to (a) constantly monitor the positive triple vapor barrier seals and to (b) monitor upstream activity while re-routing that activity to a safe distance with the new ability to (c) RESTRAIN MOST FULL UPSTREAM OPERATING LINE PRESSURES.



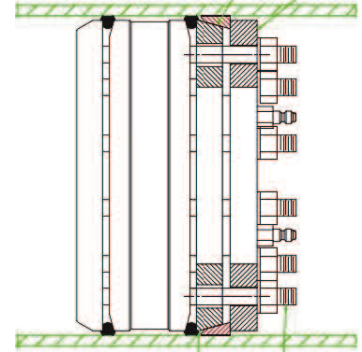
The patented CARBER® hydrostatic and hydro-dynamic isolation tools and procedures have guaranteed the safety of hot work in industrial facilities worldwide for over a decade. Today, it is extensively used in almost every major industrial petrochemical facility in North America and is written into the safe work procedures and best practice standards of a majority of them.

CARBER® provides an isolation service that replaces the common use of plumber's plugs and other plugging devices as vapor barriers during hot work on existing systems. The CARBER® technology is the only isolation tool of its kind in the world. During hot work, the tool uniquely provides the combined ability to monitor the positive pressure seals of the device, to monitor upstream pressure while venting to a safe location, and now, to withstand most full line operating pressures.

For sealing, a positive-pressure hydrostatic barrier is established and pressured between two o-ring seals. This pressurized barrier is monitored with a gauge, providing a means of verifying the integrity of the seals during hot work.

This liquid pressurized area also provides a third positive vapor barrier, guaranteeing that no vapors, gases or product will leach beyond the isolation and cause a fire due to ignition.

The venting provision on the tool allows upstream vapors to be vented through the tool and then re-routed to a safe work distance from any potential ignition sources (typ 50'). The CARBER® technology also incorporates a gauge on the vent line, allowing any upstream activity to be monitored during the duration of the work.



**THE LATEST AND NEWEST PATENT-PENDING
DESIGN INCORPORATES GRIPPING
TECHNOLOGY THAT WILL ENABLE THE
TOOL TO WITHSTAND MOST FULL LINE
OPERATING PRESSURES!**



The tool can also be used to perform a hydro-dynamic isolation, allowing one to maintain a vapor barrier in a line while high temperature procedures such as stress relief, pre-heat or bake-out are performed.

Often times the tool is used to eliminate extensive blinding, steaming and cleaning of lines in order to perform hot work.

**THE SAFEST ISOLATION TECHNOLOGY
IN THE WORLD!**