Rapidly & safely destroys a wide range of chemical warfare agent’s (CWA) and their precursors.
The Tactical Plasma Arc Chemical Warfare Agent Destruction System (Tactical PACWADS) is a safe, versatile, and efficient mobile system, deployable on a moment’s notice to eliminate CWA stockpiles, such as Sarin (GB), Mustard (HD), and VX.

The Tactical PACWADS offers:

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>Up to 2 barrels of CWA/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASTE</td>
<td>Any liquid waste, including hazardous waste</td>
</tr>
<tr>
<td>SIZE</td>
<td>2 x 20 ft trailers</td>
</tr>
<tr>
<td>APPLICATIONS</td>
<td>Military Defense Hazardous Waste Destruction Companies</td>
</tr>
</tbody>
</table>

The technology is based on the proven Plasma Arc Waste Destruction System (PAWDS) developed by PyroGenesis for the US Navy and is currently installed on the USS Gerald Ford (CVN 78). A second PAWDS is scheduled to be installed on the USS John F. Kennedy (CVN 79), demonstrating the technology readiness level (TRL) of 9 (maximum level), which represents the reliability and maturity of the system.

Aplications:
Chemical Warfare Agents Destruction
Biological Warfare Agents Destruction

For more information, please contact:
Business Development Department
PyroGenesis Canada Inc.
plasma@pyrogenesis.com
T. +1 (514) 937-0002
F. +1 (514) 937-5757
The CWA is continuously fed into a plasma-fired reactor whereby the hazardous chemical bonds from the CWAs are rapidly broken down under extreme high temperature and turbulent conditions.

The acid gases are released downstream by wet gas scrubbing using self-contained chemical storage. The effluent from the Tactical PACWADS is a non-toxic saturated salt solution.

PyroGenesis Canada Inc. is a world-renowned high-tech company operating in the field of high temperature processing of materials and waste, which counts the US Navy and the US Air Force amongst its discerning client base.

© 2019, PYROGENESIS CANADA INC.

THE DRAWINGS AND INFORMATION DEPICTED HEREIN ARE PROPRIETARY TO PYROGENESIS CANADA INC. THEY MAY NOT BE COPIED, REPRODUCED, TRANSMITTED, DISCLOSED, SOLD, ALTERED OR OTHERWISE USED IN WHOLE OR IN PART IN ANY MANNER WHATSOEVER, INCLUDING AS BASIS FOR DESIGN, MANUFACTURE OR SALE OF PRODUCTS, WITHOUT PRIOR WRITTEN CONSENT FROM PYROGENESIS CANADA INC.