



# Technical Standards and Safety Authority

Director's Public Safety Order - FS-221-2016



**Propane-fired Outdoor Gas Fire Pit**  
**Manufactured by Wujiang Gaorui Garden Metalwork Co. Ltd.**  
**WBT and WBRT series**



**Wujiang Gaorui Garden Metalwork - WBT Series**

TSSA wants you to know that there is a risk of fire and/or explosion with the WBT and WBRT series of propane-fired outdoor gas fire pits manufactured by Wujiang Gaorui Garden Metalwork Co.

We issued a Director's Order yesterday (August 30, 2016) that prohibits the sale or use of these fire pits.

TSSA became aware that some of the subject propane fired outdoor fire pits have been sold with a cradle that supports a 20 lb propane cylinder on its side (in the horizontal position).

These appliances are designed to burn propane gas in the vapour state. When a propane cylinder is positioned on its side, propane in the liquid state may be released.

When propane transforms from a liquid to a vapour state, it expands at a rate of 270:1, which may result in a significant amount of vapour propane that may then ignite and cause fires and/or explosions.

Also, when propane cylinders are positioned horizontally, propane in the liquid state may accumulate in the cylinder's shutoff valve assembly and in the adjoining components. During the disconnection of the cylinder, the liquid propane can cause burns to exposed skin.



**Wujiang Gaorui Garden Metalwork  
Burner Tray**



**Propane cylinder and horizontal cradle assembly**

## Director's Order FS-221-2016

Pursuant to **subsection 31.2 of the Technical Standards and Safety Act, 2000**, the director hereby orders the following:

All of the subject fire pits where the cradle supports a propane cylinder on its side (in the horizontal position) shall:

1. be immediately removed from service and its use is prohibited;
2. have its propane cylinder be immediately disconnected and the propane cylinder shall be stored in an upright (vertical) position outdoors; and
3. not be offered for use, sale, lease, rent or installation

This order is effective August 30, 2016.

**For more information, please email our Fuels Technical Services team.**