



## **THERMAL OXIDATION WASTE GAS FLARES CONCEALED FLAME**

Meet the exacting standards of the latest Environmental code with a Canadian designed and manufactured Thermal Oxidation Waste gas flares by Canada's leader in municipal gas flares.

The **FILTERVAC** flare system offer solutions to the problems of **odour** control, **noise** and **air pollution** associated with the **safe** and **complete** destruction of the waste gasses produced by municipal landfills and water treatment plants.

Although waste gas flares have been around since the 1950's, they had in recent years to evolve from the initial concept of installing a system which would provide a basic, proven ignition to the waste gasses without a great deal of regard to what happens as the burning commences.

Today's **highly advanced systems** provide a **99.9%** destruction of gasses which can be environmentally harmful and emit basically only carbon dioxide and water vapours. This is done with a system that achieves the required end result with a **barely discernible noise level** and at the same time emit **no smoke** and have **no visible flame**.

The units have to be of a **fail safe design** whilst being **easy to operate and maintain**, along with the ability to analyze its own operating systems and proceed with a safe and complete shutdown of itself in the event of a component failure in its system.

The need for a reliable system that offers a long life expectancy and the ability to handle a varying range of gas characteristics along with providing for a wide turn down ratio has been the hallmark of the **FILTERVAC** system over many years.

All **FILTERVAC** systems are custom designed for each application in order to provide **optimum performance at minimum cost**.

