



Fuels Safety Program	Ref. No.: FS-137-08	Rev. No.: 1
DIRECTOR'S SAFETY ORDER	Date: July 25, 2008	Date: July 31, 2008

**IN THE MATTER OF:
THE TECHNICAL STANDARDS AND SAFETY ACT, 2000,
S.O. 2000, c. 16**

- and -

**ONTARIO REGULATION 212/01 made under the
Technical Standards and Safety Act, 2000
(Gaseous Fuel)**

- and -

**ONTARIO REGULATION 213/01 made under the
Technical Standards and Safety Act, 2000
(Fuel Oil)**

Subject: Tirino Corp – Gas, Propane and Oil-Fired Hot Water Heaters and Combination Units
Gas and Propane Fired Models: HTM-200, HTM-200-R, HTM-300 Series

Sent to: Tirino Corp.
Intertek – ETL Semko
Posted on TSSA's Web-Site
Contractors: Wikwemikong Housing, Vicor Mechanical, Trent Metals, Concept Air,
Martin Richard Design, Direct Gas Services, Mariners Club, Royal Haven Homes,
TBN Transport
Developers: Cesta Development and Pegah Construction
Fuel Supplier: Union Gas, Enbridge Gas

Pursuant to section 14 of the *Technical Standards and Safety Act, 2000*, the Director requires the following:

1. The following TIRINO CORP. products are not approved for use in Ontario and shall not be sold, leased, rented, installed or used in Ontario:
 - (a) Gas and Propane Fired Combination Units – Model “Genesis” HTM-200 Series,
 - (b) Gas and Propane Fired Combination Units – Model “Genesis” HTM-200-R Series,and
 - (c) Gas and Propane Fired Hot Water Boilers and Combination Units – Model “Genesis” HTM-300 Series

2. This Safety Order is effective immediately.

Dated at Toronto this 31st day of July, 2008.

Additional Information:

Refer to attachment #1 for important notice regarding the above water heaters and combination units.

Also see: Director's Order. Reference No: FS-105-07 dated May 30, 2007, Re. Tirino Corp. – Unapproved Gas, propane and Oil-Fired Hot Water Heaters, Boilers and Combination Units.

For more information please contact 1-877-682-8772.

ORDERED BY:

John R Marshall
Director, Fuel Oil and Gaseous Fuel Regulation
Technical Standards and Safety Act, 2000



**FUELS SAFETY PROGRAM
TECHNICAL STANDARDS
& SAFETY AUTHORITY**
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

July 31, 2008

IMPORTANT NOTICE

Re: Unapproved Gas, Propane and Oil-Fired Water Heaters and Combination Units Manufactured by Tirino Corporation; Gas and Propane Fired HTM-200, HTM-200-R and HTM-300 Series.

Attention Owner/User:

The Technical Standards and Safety Authority (“TSSA”) is an Administrative Authority empowered under the *Safety and Consumer Statutes Administration Act, 1996* to administer and enforce the *Technical Standards and Safety Act, 2000* (the “Act”) and its regulations. The Fuels Safety Program of the TSSA regulates the storage, transmission and utilization of fuels (e.g. propane and natural gas) and includes the installation and maintenance of associated equipment. The Act and Appropriate Regulations can be found on our web site at www.tssa.org.

Gas and Propane Models HTM-200 and HTM-300 Series were certified by Intertek (ETL). On June 17, 2008 the certification for these models was withdrawn. Model HTM-200-R was a retrofitted and field approved model by Intertek. This model was formally identified as a “Genesis” HTM-100 as describe in the Director’s Safety Order – “FS-105-07”.

The concern is the failure of the units to shut down in the event of a blocked flue which may cause products of combustion including carbon monoxide (CO) to enter the home or a delayed ignition on start-up.

CO is a colourless gas produced when fuels such as natural gas, propane and oil burn incompletely. CO itself is odourless and tasteless but may be accompanied by an abnormal odour of incomplete fuel combustion. Symptoms of CO poisoning include nausea and vomiting, dizziness, burning eyes, difficulty breathing, confusion and loss of consciousness.

Effective July 25, 2008:

1. Director's Safety Order, Reference No. FS-137-08, dated July 31, 2008 prohibits the sale, leasing, renting, installation or used of gas and propane fired Models: "Genesis" HTM-200, "Genesis" HTM-200-R or "Genesis" HTM-300 Series manufactured by Tirino Corp.
2. For any model already in service, a variance to allow it to continue to operate for up to a maximum of 60 days which will allow time to find a replacement appliance may be obtained from TSSA. To consider such a variance, the existing appliance (Genesis Model) shall be inspected and tested by an appropriate TSSA licensed certificate holder to ensure the equipment is in safe working order and does not impose an immediate hazard. Included in this inspection, the flue shall be progressively blocked up to complete blockage. The Carbon Monoxide concentration shall not exceed 0.04% Air Free. A shut down of the Genesis Model by the pressure switch shall be deemed to meet the requirement of this test. Failure to meet this test or any other part of the inspection, the fuel supply shall be terminated immediately.
3. Also see: Director's Order. Reference No: FS-105-07 dated May 30, 2007, Re. Tirino Corp. – Unapproved Gas, propane and Oil-Fired Hot Water Heaters, Boilers and Combination Units.

If you require further clarification or have questions, please contact your fuel supplier, or TSSA at 1-877-682-8772.