



Lic No.: TAG - 2008

Standard: GECA 08 - 2005 – Environmental Innovative products

Initial Verification Conformance Date: 15 Feb 2008

Tat-G Corp Pty Ltd

Good Environmental Choice - Australia

ENVIRONMENTAL PRODUCT DECLARATION



The verification performed by Good Environmental Choice Australia shows that the Tat-G Corp product is environmentally preferable in its designated market, the product the subject of this report therefore meets the requirements of the GECA 8-2005 – Innovative Products Standard and is awarded the GECA label

1. Description of Company and Production

Tat-G Corp Pty Ltd

Products: Tag G On-Site Organic Digester

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Tat-G Corp was formed with a single goal in mind, to bring to the market innovative products by which others can contribute toward a sustainable environment while carrying out their daily lives.

Tat-G Corp has focused on its range of Organic Digesters. The market has been demanding a solution to the organic waste flow into landfill. The Digesters are capable of stopping the flow where it is generated, with the range covering organic waste flows from 300 kgs / week through to 10000kg / week or more.

We provide professional expertise and support for our range of Organic Digesters, providing solutions from the farm through to commercial waste handling. Our experienced team can assist in assessment of your organic waste problem so that the correct solution is matched to your needs.

We have just launched a new service which is targeted at filling the gap between the small/medium and the larger waste stream generators. Typically the small to medium operators can not resource an internal a waste disposal function and rely on disposing of their waste to the local landfill via the council provided services.

However most do not want to dispose to landfill but are limited to this as no other option exists. This is where the Tat-G Green Genie Responsible Waste Handling Service fills the gap. Operators can now subscribe to the Tat-G Green Genie service and be assured that their environmental objectives are being met.

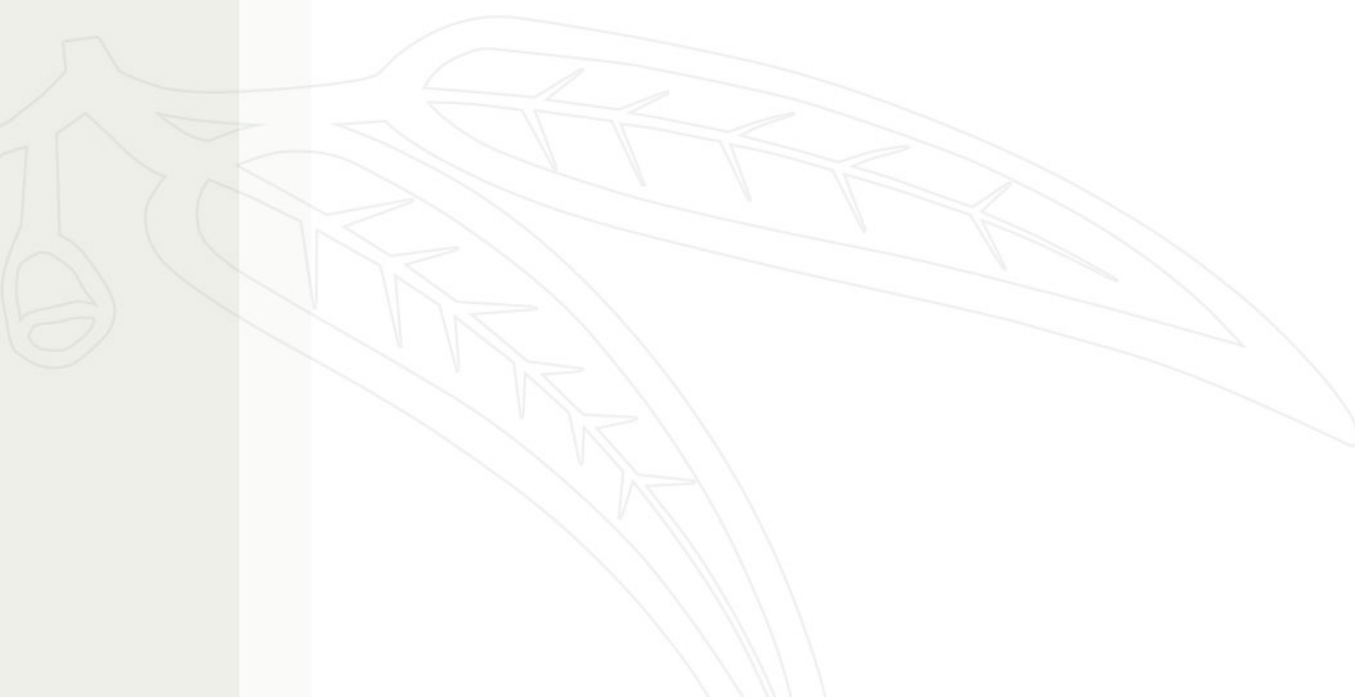
2. Description of the Verification.

The Good Environmental Choice Label is the national product life cycle independent environmental declaration in Australia (www.geca.org.au). The organisation is an independent non-profit environmental research and certification organisation recognised as the Australian member of an international network of ecolabelling schemes under the Global Ecolabelling Network. Good Environmental Choice Australia (GECA) Ltd. manages the Good Environmental Choice – Mark of Conformity in conformance to ISO 14 024 – International Standard for Third Party Environmental Labelling and Declaration.

Following an independent audit against the recognition requirements of the Australian Ecolabel Program the range of Tat-G Corp Pty Ltd products have been awarded the "Good Environmental Choice" label for the Australian market. The Ecolabel is awarded to those products that meet or exceed voluntary standards of environmental performance. The verification procedure is managed via a Documented Quality Management System and Certification Program Manual which have made significant use of the ISO 14 000 series.

The objectives of the program are to:

- a) Provide incentives for suppliers to reduce the environmental impacts of products sold in Australia;
- b) Provide a clear, credible and independent guide to consumers wishing to take account of environmental factors in their purchasing decisions;
- c) Encourage consumers to purchase products which have lower environmental impacts;
- d) Recognize genuine moves by companies to reduce the adverse environmental impacts of their products;
- e) Aim ultimately to improve the quality of the environment and to encourage the sustainable management of resources.



3. The Products

The following Tat-G Corp Pty Ltd Product has been awarded the Good Environmental Choice Declaration:

PRODUCT	PRODUCT INFORMATION
Organic Digester	The STANDARD COMMERCIAL MODEL is capable of processing up to 350kg of mixed organic waste per week while occupying just 4.2 sqm of space. Compact and powerful this digester is a drop and go design meaning it requires no services i.e power etc. It only requires access to a hose to fill the on-board water tank from time to time. Available worldwide in fully erected form or knock-down ready for assembly on-site

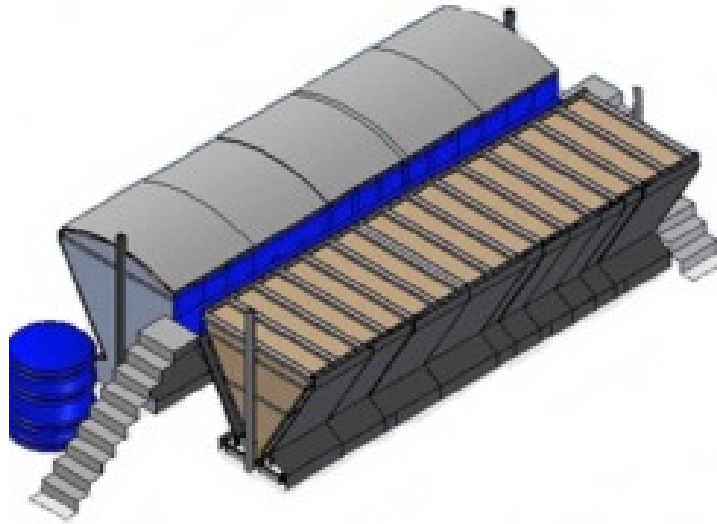


← Organic Digester

The **STANDARD COMMERCIAL MODEL** is capable of processing up to 350kg of mixed organic waste per week while occupying just 4.2 sqm of space. Compact and powerful this digester is a drop and go design meaning it requires no services i.e power etc. It only requires access to a hose to fill the on-board water tank from time to time.

Organic Digester →

The **Industrial Model** is a modular design, allowing a configuration to suit your need. From 2000kg per week up to 10000kg per week or more. It remains true to its origins with solar powered water reticulation available, also optioned with mains powered system if required. Can be placed into a basement or free standing.



← Organic Digester

Our **TANDEM COMMERCIAL MODEL** suits larger waste streams of up to 750kg per week of mixed organic waste. As per the Std model above, it requires no services ensuring that the cost of installation is absolutely minimal, it can perform equally as well out in the paddock or down that back of the yard, just requiring some sunlight for the solar panel to charge the on-board battery.

4. Key Environmental Performance Findings by GECA

The key environmental performance criterion against which the **Tat-G Corp Pty Ltd products** were assessed, and the findings by GECA, is provided below.

Environmental Requirements	Core Environmental Performance Characteristics
<p>Fitness for Purpose: <i>Certified products should be good performers in their intended application. Certain standards of product performance are implicit in the label.</i></p>	<p>The Tat-G device is used to dispose of organic waste from a variety of sites including restaurant or hotel kitchens. The product Tat-G provides is self evidently fit-for-purpose, as it provides a route of disposal for waste. The technology is well established in Australia and installed at a number of locations. It uses earthworms to enhance the degradation and digestion process to enhance the breakdown of organic matter. The excess moisture and worm castings can then be used as fertilizers.</p>
<p>Overall Reduction of Environmental Load <i>The product shall exhibit an environmental improvement or have innate properties which demonstrate a significant reduction of environmental load compared to products which meet the same consumer use. This reduction must be related to the primary environmental loads of the product and not be limited to small or insignificant improvements.</i></p>	<p>The system run by Tat-G ensures that this waste is viably re-used, in the On-Site Organic Digester to produce fertilizer in the form of worm castings and liquids from the waste. The Digester is run entirely on renewable energy supplied by solar cells. Considering the large amounts of organic food based waste that is diverted to landfill the diversion of waste from this represents a significant Environmental load reduction. The added advantage or reincorporation the nutrients embodied in this waste stream to gardens or lawns represents another load reduction the device achieves, that of nutrient depletion.</p>
<p>Material Content <i>Products shall not contain carcinogenic substances in categories 1, 2A as classed by the International Agency for Research on Cancer – IARC at levels which expose the user at a maximum level of 1/20th of the allowable limit determined by the National Occupational Health and Safety Commission and/or the National Industrial Chemicals Notification and Assessment Scheme.</i></p>	<p>The main components of the Tat G are; bolted galvanized iron, a 5 watt solar cell and 7 amp hr battery, a small plastic housing for the 12 timer control unit and a small 360gal/hour pump. None of the substances used in this product are of concern to GECS under this criterion. No other substances or ingredients are used.</p>

<p>Consumer Information <i>It is a requirement of the Standard that the following be provided with the product/service:</i> 1) <i>Information on Continuous Environmental Improvement.</i> 2) <i>Power Management.</i></p>	<p>An inspection of the Tat-G Corp documentation including product and service information brochures shows evidence of the environmental preference of the Tat-G service. The On-site Organic Digester is powered entirely by the 5 watt solar cell.</p>
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5. Environmental and Social Regulatory Obligations:

The operation of the Tat-G product and services do not require any environmental licences, there are no water or gas emissions involved. A statement by Sean Moran, Director of Tat G states that the company has never been the subject of prosecution in an environmental court of law.

All manufacturing is commissioned on an as-required basis, the company has never been the subject of prosecution in relation to labour anti discrimination or workplace safety regulations, this is apparent from a statement by Sean Moran, company Director, 06.08.07.

7. Additional Information

A detailed Verification report is supplied to verified manufacturers regarding the environmental characteristics of their products and evidence of compliance. The verification report can be made available at the sole discretion of the manufacturer. The Australian Ecolabel Program is the national environmental product life cycle labelling program for Australia. Further details of the Australian Ecolabel Program are available from www.geca.org.au

Good Environmental Choice Australia recommends these products to green purchasing officers, specifiers, and every day Australians seeking to purchase products and services on the basis of functional and overall environmental and human health performance.

Good Environmental Choice – Australia Ltd

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