

# CERTIFICATE OF CONFORMITY

ACCORDING TO GPSD (2001/95/EC): GENERAL PRODUCT SAFETY REQUIREMENTS

Certificate No: **GPSD/A-C-002A/22**

Applicant/Certificate holder: Applicant's/Certificate holder's Address:	<b>HOME BIOGAS LTD.</b> P.O. BOX 1672, BEIT YANAI, 4029300, ISRAEL
Submission date of the application:	17/05/2018, 04/07/2022 (additional product type HBG8 – Farmers)
Description / Product type:	<b>HOUSEHOLD BIOGAS SYSTEMS</b> <b>HGB2, HGB4, HGB7, HGB FARMERS</b> <ul style="list-style-type: none"> <li>• one external bag with two parts which hold each an internal bag (gas tank and digester tank)</li> <li>• upper part with pockets on top for holding sand bags/weights</li> </ul> <u>Drive System</u> → Gas tank <u>Source of energy</u> → Pneumatic: Biogas in increased - decreased pressure <u>Moving parts</u> → sand weights <u>Main linked parts</u> → gas tank, digester tank, external bag, gas outlet pipe, fertilizer outlet pipe, valve, sink - plunger <b>Sr.Nr: 00679, Sr.Nr: 10221000</b>
Relevant Annexes of EC-Directives/Standards:	2001/95/EC, 2006/42/EC: Annex I, VII.A, VIII, EN12100:2010 & ISO 23590
Test Laboratory:	Factory Homebiogas Ltd and / Component Suppliers test Laboratories
Report Nr. / Date of issue:	MCH/A-R-437/21, 12/08/2021 MCH/A-R-499/22, 12/09/2022
Documents Annexed to this Certification:	Technical File: Drawings, part list, Tech. Data of components, Quality control plan, Operation & maintenance manual, Internal Inspection Reports, Risk Analysis, Declaration of conformity

The assessment machinery department of M.I.R.T.E.C. S.A. certifies that the products mentioned above meet the general safety requirements according 2001/95/EC.

The certificate holder has completed a technical file according to requirements of Annex VII.A, 2006/42/EC, which has been submitted to MIRTEC S.A. on Mai 2018 and in addition on April 2020 and September 2022 for examination of implementation of the manufacturer internal control, according Annex VIII, 2006/42/EC.

The certificate holder fulfills the basic obligations according 2001/95/EC (I art. 1&2, II art. 3 and III art. 5). He performs for every product incoming, assembly, functional tests and final inspection, issues a declaration of conformity according to the basic requirements of the relative directive, places **CE** marking with his own responsibility and the following marking with Mirtec's authorization:



The product must be accompanied by installation, operation and maintenance instructions.

The Certificate regards the inspected product types as assessed by MIRTEC SA provided that no modifications to the approved product type will take place.

Any changes, modifications in design and manufacture shall be notified to M.I.R.T.E.C. S.A.

Validity until **August 2024**

Place / Date of issue: **ATHENS / 12.08.2021** (reissued on 17.10.2022 – additional type included)

For MIRTEC S.A.

I. Dimitriadis  
Dipl. Electrical Engineer  
General Manager Inspection - Certification

For the Assessment Dpt.

S. Daikou  
MSc. Dipl. Mechanical Engineer

EBETAM A.E.

CERT - GPSD AET: 37287, 39592