

REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "ERICON"
ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT

Numărul de indentificare de stat - codul fiscal
1003600000316

Data înregistrării

20.10.1992

Data eliberării

19.04.2005

Dragomir Ala, registrator de stat

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

semnătura

MD 0033559





2. Technical Specification

2.1 Proposal brief

2.1.1 This is an integrated medical waste treatment solution applied in hospitals.

2.1.2 Integrated Autoclave with Shredder (MWI series) is designed for treatment of infectious waste, sharps and pathological waste or regulated waste as per local authority.

2.1.3 The daily working time in this proposal is calculated at one shift (8h), however, more shifts are allowed.

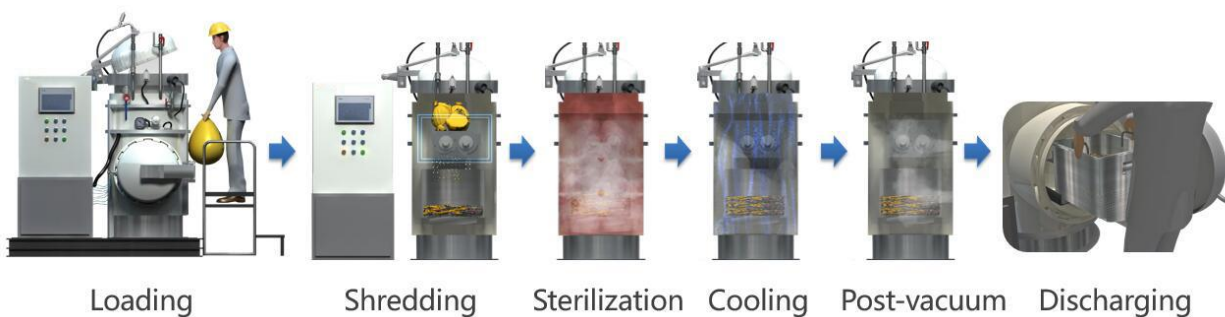
2.1.4 The average medical waste density in this proposal is calculated at 100 kg/m³. Please note the actual density should be according to local conditions.

2.1.5 **Processing capacity: one unit of MWI-150 can dispose 15kg/cycle and based on 30min cycle time, it disposes 30kg/h.**

2.2 Operating principle

In medical waste treatment, the waste is loaded through the top door into the autoclave; the waste is then shredded and fall to the sterilizing chamber of the autoclave; **saturated steam (121°C-138°C) is then injected to sterilize the waste and whole autoclave**; after the water cooling and evacuation (- 0.05MPa) processes, the final shredded and sterile waste achieves a microbial inactivation 8Log₁₀ (99.999999%) and disposed as municipal waste. **All the processes are automatic and closed in one vessel.**

2.2.1 Operation process chart



2.2.2 Process description

Loading: medical waste is loaded into loading chamber by an automatic dumper through the top door.

Shredding: The shredder rotates forwards and backwards to shred the waste into unrecognizable pieces which then fall into the sterilizing chamber.

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Sterilizing: in the sterilization process, the saturated steam is injected into the chamber to heat the waste to destroy all forms of microbial germs.

Cooling and drainage: the cold water is sprayed into the chamber to decrease the temperature and then be drained out.

Post-vacuum: post-vacuum process is to remove the residual vapor and moisture to reduce the odor, and the treated waste is cooled and dry at end of the cycle.

Unloading: open the side door and unload the treated waste.

2.3 Technical specification & main parameter of MWI-150

MWI Series	Unit	MWI-150
General Parameters		
Dimension (L×W×H)	mm	3000×1850×2200
Chamber Material	-	Stainless steel
Net Weight	ton	2
Rated Power	kW	8
Loading	-	Manual loading
Disposal Volume	liter/cycle	150
Waste Density*	kg/m ³	100
Disposal Weight	kg/cycle	15
Cycle Time	min	30
Working Temperature	°C	135
Working Pressure	MPa	-0.05-0.25
Design Temperature	°C	152
Design Pressure	MPa	-0.1-0.4
Microbial Inactivation	-	8 Log10 (99.999999%)
Volume Reduction	%	80

*Please note the actual waste density is according to local conditions.

3. System Composition

The integrated autoclave with shredder system is mainly composed of autoclave with built-in shredder unit, hydraulic ring vacuum pump, control system, valves and instruments, and steam generator etc.

3.1 Autoclave

High temperature, high pressure, and high vacuum autoclave sterilization system with built-in shredder, computerized by control plus PLC for centralized medical waste treatment.

3.1.2 Autoclave material

Autoclave chamber material is stainless steel SS304.

3.1.3 Autoclave door system

Automatic & quick opening door with mechanical interlock devices; PLC interlock controlled with double safety design assure that no steam going into autoclave when door is unlocked and no door opening while under pressure. Autoclave door ring is sealed by inflatable sealing ring.



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Certificate of Compliance



No. 0B161219.CG HQN61

Certificate's
Holder:

Chongqing Gient Heating Industry
Co., Ltd.

No.3 East Rd GaobaoHu, Konggang Zone, Yubei
District, Chongqing, P.R.China

Certification ECM
Mark:



Product:
Model(s):

Integrated Autoclave with Shredder
MWI-50, MWI-100, MWI-150, MWI-300,
MWI-500, MWI-750, MWI-1000, MWI-1500,
MWI-2000, MWI-2500

Verification to:

Standard:

related to CE Directive(s):
2014/68/EU (Pressure Equipment) MODULE: B+D

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it.

This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the **CE** Marking:



We attest that a TCF for the **CE** Marking process is in place. Whereas the Manufacturer is Responsible to start the **CE Marking Certification Procedure** through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the **CE** Mark on the product(s).

Date of issue 19 December 2016

Expiry date 18 December 2021

Chief Manager
Marco Morino



Deputy Manager
Amanda Payne



Ente Certificazione Macchine Srl

Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY
☎ +39 051 6705141 📠 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

CERTIFICATE OF QUALITY MANAGEMENT SYSTEM CERTIFICATION

Certificate No.016CQ21Q30596R7M
Unified social credit code:91500112202914572F

This is to Certify that the Quality Management System of

CHONGQING GIENT HEATING INDUSTRY CO., LTD.

is in conformity with
GB/T19001-2016 idt ISO9001:2015 Standard, applies to

DESIGN AND MANUFACTURE OF D1 CLASS PRESSURE VESSELS; MANUFACTURE OF GRADE B
BOILERS

REGISTERED ADDRESS:NO.3, GAOBABHU EAST RD., KONGGANG INDUSTRIAL ZONE,
CHONGQING, P.R.C.
OPERATION ADDRESS:NO.3, GAOBABHU EAST RD., KONGGANG INDUSTRIAL ZONE,
CHONGQING, P.R.C.

Date of Initial Issuance: Jan. 11, 2001
Date of Re-certification Issuance: Mar. 23, 2021
Date of Expiration: Jul. 9, 2024

BCC Inc.
President:

尚志强



BCC Address: Room 1101, Floor 11, Building 1, Guoyingyuan, Xicheng District, Beijing, P.R.C.
This certificate is valid within state - specified validities of administrative and qualification licensing.
The effectiveness of this certificate shall be maintained by regular surveillance audit,
the validity of the certificate can be inquired through www.bcc.com.cn or by QR code.
The information of this certificate available for inquiry on CNCA's website: www.cnca.gov.cn.



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CNAS C016-M



CERTIFICATE OF ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATION

Certificate No.016CQ21E30406R2M
Unified social credit code:91500112202914572F

This is to Certify that the Environment Management System of

CHONGQING GIENT HEATING INDUSTRY CO., LTD.

is in conformity with
GB/T24001-2016 idt ISO14001:2015 Standard, applies to

DESIGN AND MANUFACTURE OF D1 CLASS PRESSURE VESSELS; MANUFACTURE OF GRADE B
BOILERS

REGISTERED ADDRESS:NO.3, GAOBAOHU EAST RD., KONGGANG INDUSTRIAL ZONE,
CHONGQING, P.R.C.
OPERATION ADDRESS:NO.3, GAOBAOHU EAST RD., KONGGANG INDUSTRIAL ZONE,
CHONGQING, P.R.C.

Date of Initial Issuance: Apr. 8, 2015
Date of Re-certification Issuance:Mar. 23, 2021
Date of Expiration: Apr. 7, 2024

BCC Inc.
President:

尚志强



BCC Address: Room 1101, Floor 11, Building 1, Guoyingyuan, Xicheng District, Beijing, P.R.C.
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CNAS C016-M



CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

Certificate No.016CQ21S30579R2M
Unified social credit code:91500112202914572F

This is to Certify that the Occupational Health and Safety Management System of

CHONGQING GIANT HEATING INDUSTRY CO., LTD.

is in conformity with
GB/T 45001-2020 idt ISO 45001:2018 Standard, applies to

DESIGN AND MANUFACTURE OF D1 CLASS PRESSURE VESSELS; MANUFACTURE OF GRADE B
BOILERS

REGISTERED ADDRESS:NO.3, GAOBAOHU EAST RD., KONGGANG INDUSTRIAL ZONE,
CHONGQING, P.R.C.
OPERATION ADDRESS:NO.3, GAOBAOHU EAST RD., KONGGANG INDUSTRIAL ZONE,
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I.P. "AGENȚIA SERVICII PUBLICE"

Departamentul înregistrare și licențiere a unităților de drept

EXTRAS din Registrul de stat al persoanelor juridice

nr. 39071 din 22.12.2020

Denumirea completă: **Societatea cu Răspundere Limitată «ERICON» .**

Denumirea prescurtată: **«ERICON» S.R.L. .**

Forma juridică de organizare: **Societate cu Răspundere Limitată.**

Numărul de identificare de stat și codul fiscal: **1003600000316.**

Data înregistrării de stat: **20.10.1992.**

Sediul: **MD-2003, str. Vasile Lupu, 6, or. Durlești, mun. Chișinău, Republica Moldova.**

Obiectul principal de activitate:

1 Editarea cărților, broșurilor și altor publicații;

2 Tipărirea ziarelor;

3 Publicitate;

4 Comerțul cu amănuntul al cărților, ziarelor și rechizitelor de birou;

5 Comerțul cu amănuntul al articolelor medicale și ortopedice.

Capitalul social: **449852 lei.**

Administrator: BUNIC GHEORGHE,

Asociați:

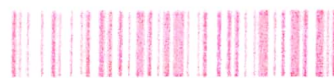
1. BUNIC GHEORGHE 100 %.

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: 22.12.2020.

Specialist coordonator
tel. 022-20-7838



Clichici Elena



EB 0340181

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SEMNATURA	L.S.	:
BANCII		:
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