



MOM/OSHD/2023-05

26 JUL 2023

To: Owners of Lifting Equipment and Pressure Vessels  
Authorised Examiners (Lifting Equipment and Pressure Vessel)  
All Interested Parties

**NEW WSH E-SERVICES SYSTEM WITH ENHANCED FEATURES FOR MANAGEMENT OF LIFTING EQUIPMENT AND PRESSURE VESSELS**

A new WSH e-Services system with enhanced features for the management of lifting equipment (LEs)<sup>1</sup> and pressure vessels (PVs) (collectively referred to as “statutory equipment”) will be launched on Fri, 11 Aug 2023 at 10:00 AM.

**REGISTRATION SUMMARY FOR STATUTORY EQUIPMENT**

2 With the new system, the Ministry of Manpower (MOM) will be introducing a Registration Summary for statutory equipment. The Registration Summary (**Annex A**) which is unique to each statutory equipment provides identification, current registration status and information on safe operating limits.

3 The Registration Summary also includes a quick response (QR) code to MOM’s webpage (**Annex B**) that provides the current registration status of the statutory equipment and more information. The Registration Summary will replace inspection stickers or “silver stickers” (**Annex C**) that are currently being used to identify statutory equipment.

4 The Registration Summary will remain unchanged so long as there is no change in ownership of the statutory equipment. If there is a change in the ownership, the Registration Summary must be replaced after the statutory equipment has been re-registered to the new owner by an Authorised Examiner (AE).

**DIGITAL SIGNATURES AND ENCRYPTED CERTIFICATES AND REPORTS**

5 The certificate of test and examination for LEs (**Annex D**) and report of examination for PVs (**Annex E**) will be enhanced.

- (a) Certificates and reports will be digitally signed off by AEs without the need for wet-ink signatures or company/personal stamps.
- (b) Hardcopy documents will be replaced with electronic version of original certificates and reports that are encrypted to prevent unauthorised amendments.

6 For transition purposes, certificates and reports that were issued before 11 Aug 2023 will remain valid until its expiration dates.

<sup>1</sup> Lifting equipment herein this circular refers to any lift, lifting appliance and lifting machine as defined in the Workplace Safety and Health Act. There will be no change to the manner for identification and certification of lifting gears i.e. appropriate tagging for effective identification by owner and issuance of wet-ink signed certificate of test and examination by AE.

## SINGLE LOGIN FOR WSH E-SERVICES LIFTING EQUIPMENT AND PRESSURE VESSEL PORTALS

7 As part of the system enhancement, owners and AEs do not have to access different LE and PV portals to manage statutory equipment. They are now able to easily switch between the LE and PV tabs in the single system. The new system can be accessed from either MOM's "[Register and manage Lifting Equipment](#)" or "[Register and manage Pressure Vessels](#)" webpages.

## ONLINE SUBMISSION OF APPLICATIONS AND REQUESTS

8 The following applications and requests, previously submitted to MOM through manual processes, can now be submitted electronically through the new system.

- (a) **Requests for PV repairs** – Owners intending to carry out repair works on their PVs can do so by performing a search for the PV and trigger the repair request. Owners will also be able to receive updates on the outcome of their requests through the system.
- (b) **Notification for use of tower cranes at workplaces** – MOM will no longer require the *Notification Form for Use of Tower Crane in Workplace* to be submitted in hardcopies. Instead, it will be electronically uploaded by AEs when a registration or examination record for use of a tower crane at the workplace is submitted through the new system.

## ACTIONS REQUIRED BY OWNERS

9 Owners are required to download a copy of the Registration Summary for each of their statutory equipment from the new system and affix the Registration Summary at a visible location on their statutory equipment. Whilst the Registration Summary could be printed in any suitable size, owners shall ensure that:

- (c) Registration Summary is affixed as a whole and not cropped to retain only certain sections such as the QR code;
- (d) Content is legible; and
- (e) QR code could be effectively scanned for information.

10 With the push towards electronic transactions, all system-generated notifications and letters will be sent to owners' e-mail addresses extracted from the Business Filing Portal of ACRA (BizFile). Hence, all statutory equipment owners are required to update their e-mail address in [BizFile](#) by 31 Aug 2024. Owners without a valid e-mail address will not be able to receive certificates or reports from 1 Sep 2024 onwards.

## FURTHER INFORMATION

11 Owners, AEs and relevant interested parties are required to exercise all due diligence in performing any transaction through the WSH e-Services system and managing the use of statutory equipment as stipulated in the Workplace Safety and Health Act and its subsidiary legislation.

12 For queries and clarifications, please contact the MOM Contact Centre at 6438 5122 or [mom\\_oshd@mom.gov.sg](mailto:mom_oshd@mom.gov.sg).



**BERNARD KWOK**

for COMMISSIONER FOR WORKPLACE SAFETY AND HEALTH  
OCCUPATIONAL SAFETY AND HEALTH DIVISION

Date of Issue:	Classification:	Circular No:
26 Jul 2023	Lifting Equipment Pressure Vessel	MOM/OSHD/2023-05

**ANNEX A : REGISTRATION SUMMARY**

• **Lifting Equipment**



**Occupational Safety and Health Division**

**Registration of Statutory Equipment**

REGISTRATION SUMMARY	
<b>Registration No. :</b>	LM000000Z
Statutory Equipment Type :	Lifting Equipment
Owner Name :	Crane Experts Pte. Ltd.
Brand and Model :	Tower Lifter A10T
Distinctive No. :	TLFTR1234
Scan for Details :	

This is a computer-generated document that requires no signature.

Contact MOM at 6438 5122 or [mom\\_oshd@mom.gov.sg](mailto:mom_oshd@mom.gov.sg) for any clarification or feedback.

• **Pressure Vessel**



**Occupational Safety and Health Division**

**Registration of Statutory Equipment**

REGISTRATION SUMMARY	
<b>Registration No. :</b>	BR000000Z
Statutory Equipment Type :	Pressure Vessel
Owner Name :	Pressure Guru Pte. Ltd.
Brand and Model :	Steam Creator 1000
Distinctive No. :	SC1000-1
Scan for Details :	

This is a computer-generated document that requires no signature.

Contact MOM at 6438 5122 or [mom\\_oshd@mom.gov.sg](mailto:mom_oshd@mom.gov.sg) for any clarification or feedback.

ANNEX B : REGISTRATION STATUS OF STATUTORY EQUIPMENT

• Lifting Equipment

• Pressure Vessel

A Singapore Government Agency Website

MINISTRY OF MANPOWER

### Registration Status of Statutory Equipment

Status correct as at 26 Jul 2023, 12:00 PM SGT

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#### Lifting Equipment Particulars

Lifting Equipment Reg No. :	LM000000Z
Statutory Equipment Classification:	551 Fixed Crane - Tower Crane (Horizontal Boom)
Brand and Model:	TOWER LIFTER A10T
Distinctive No. :	TLFTR1234
Owner Name:	CRANE EXPERTS PTE. LTD.

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#### Workplace Details

Workplace Name:	CRANE EXPERTS PTE. LTD.
Workplace Location:	MK00-00000X AT TRIPARTITE WAY

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#### Statutory Examination Details

Last Examination Date (DD/MM/YYYY) :	26/07/2023
Authorised Examiner Name :	JOSEPHINE TAN
Next Examination Due Date (DD/MM/YYYY) :	25/07/2024
Next Load Test Date (DD/MM/YYYY):	25/07/2027
Status:	Working

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MINISTRY OF MANPOWER

### Registration Status of Statutory Equipment

Status correct as at 26 Jul 2023, 12:00 PM SGT

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#### Pressure Vessel Particulars

Registration No. :	BR000000Z
Statutory Equipment Classification:	Steam Boiler
Brand and Model:	STEAM CREATOR 1000
Distinctive No. :	SC1000-1
Owner Name:	PRESSURE GURU PTE. LTD.
Equipment Location:	MK88-88888X AT TRIPARTITE WAY

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#### Statutory Examination Details

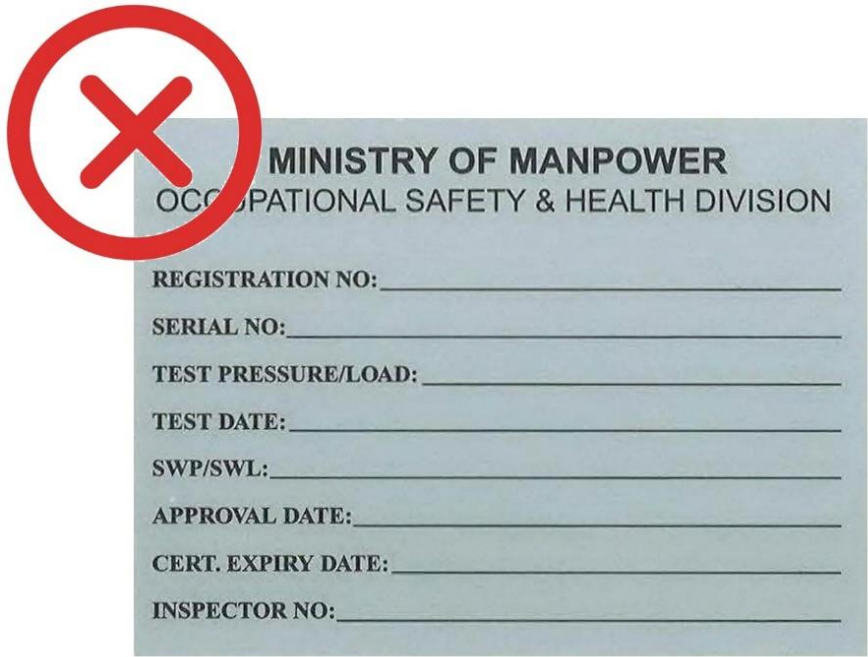
Last Examination Date (DD/MM/YYYY) :	26/07/2023
Authorised Examiner Name:	JOSEPHINE TAN
Next Examination Due Date (DD/MM/YYYY) :	25/07/2024
Next Pressure Test Due Date (DD/MM/YYYY) :	25/07/2033
Next Thickness Test Due Date (DD/MM/YYYY) :	25/07/2033
Status:	Working

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#### Extension Scheme Details

Extension Scheme :	Not on any extension scheme
Extension Start Date (DD/MM/YYYY) :	N/A
Extension End Date (DD/MM/YYYY):	N/A
Competent Person Name:	N/A
Status:	N/A

**ANNEX C : INSPECTION STICKER REPLACED BY REGISTRATION SUMMARY**



**ANNEX D : ENHANCED FORMAT OF LIFTING EQUIPMENT CERTIFICATE OF TEST AND EXAMINATION**



**WORKPLACE SAFETY AND HEALTH ACT**  
**CERTIFICATE OF TEST/THOROUGH VISUAL**  
**EXAMINATION OF LIFTING EQUIPMENT (LE)\***

LE Registration No. : LM000000Z  
 UEN of Owner : 202399999Z  
 Workplace No. : 202399999Z0001

Owner of Lifting Equipment	Workplace Occupier and Location of Lifting Equipment
CRANE EXPERTS PTE. LTD. 1500 BENDEMEER ROAD #03-02 SINGAPORE 339946	CRANE EXPERTS PTE. LTD. MK00-00000X AT TRIPARTITE WAY

Particulars of Lifting Equipment	
Type and Description of Lifting Equipment	551 Fixed Crane - Tower Crane (Horizontal Boom) Classification Code : 551 Type Approval No. : TCA23999
Brand and Model	TOWER LIFTER A10T Distinctive No.** : TLFTR1234
Country of Origin	SINGAPORE Year of Manufacture : 2023
Source of Power	Electricity First Registration Date : 26/07/2023
Max. Safe Working Load	10000 kg Max. Boom Length/Span : 20.00 m
Owners' Reference/Vehicle Registration No.	TC1 Length of Fly Jib/Extension :

Particulars of Last Load Test						
Date of Load Test	26/07/2023			Maximum Test Load : 12500 kg		
	(1)	(2)	(3)	(4)	(5)	(6)
Radius (m) :	5.0	20.0				
Test Load (kg) :	12500	1250				
Safe Working Load (kg) :	10000	1000				

**Comments/Observations**  
 Safety devices in good working condition.

I certify that on 26/07/2023 the lifting equipment described in this certificate was examined thoroughly by me, as far as its construction permits, and that the above is a true report of my examination.

I further certify that the lifting equipment is found to be in compliance with the requirements stipulated in the Workplace Safety and Health Act and its subsidiary legislations, and is safe for use.

Expiry Date of Certificate	Date of Print of Certificate	Authorised Examiner's Name	Signature of Authorised Examiner
25/07/2024	26/07/2023	JOSEPHINE TAN	Digitally signed by JOSEPHINE TAN 26 Jul 2023, 12:00:00 PM SGT

\* Lifting Equipment refers to lifting gear, lifting appliance, lifting machine, lift and hoist as defined under the Workplace Safety and Health (General Provisions) Regulations.  
 \*\* Distinctive No. refers to the identification or serial number assigned to the equipment by the manufacturer.

**This certificate is digitally signed and current status of the LE is verifiable through the QR code.**





## ANNEX E : ENHANCED FORMAT OF PRESSURE VESSEL REPORT OF EXAMINATION

MINISTRY OF  
MANPOWER
**WORKPLACE SAFETY AND HEALTH ACT**  
**REPORT OF EXAMINATION OF PRESSURE VESSEL**
PV Registration No.  
**BR000000Z**Next Examination Date  
**25/07/2024**

## OWNER AND WORKPLACE DETAILS

OWNER : Pressure Guru Pte. Ltd. OWNER UEN : 202388888Z  
 WORKPLACE ADDRESS : MK88-8888X at Tripartite Way WORKPLACE NO. : 202388888Z0001

## PARTICULARS

VESSEL CLASS	: Steam Boiler	SAFE WORKING PRESSURE (kN/m <sup>2</sup> )	: 1000.0
VESSEL TYPE	: Water Tube	TEST PRESSURE (kN/m <sup>2</sup> )	: 1300.0
BRAND AND MODEL	: Steam Creator 1000	VOLUME (m <sup>3</sup> )	: 1000.00
DISTINCTIVE NO.	: SC1000-1	HEATING SURFACE (m <sup>2</sup> )	: 1200.0
YEAR OF MFG	: 2023	HEATING SOURCE	: Waste Heat
COUNTRY/REGION OF MFG	: Singapore	REGISTRATION DATE	: 26/07/2023
INSTALLATION	: Permanent	TYPE APPROVAL NO.	:
MOBILITY	: Stationary	PARENT PV REG. NO.	:
DESIGN CODE	: ASME BPVC Sect VIII Div 1	GROUP PLANT ID	: 202388888Z0008888

## DESCRIPTION

TANK/VESSEL				
	SHAPE	SIDE PRESSURE ACTS ON	THICKNESS (mm)	MATERIAL
HEAD1	: Flat	Others	50.00	SA516 GR.70N
HEAD2	: Flat	Others	50.00	SA516 GR.70N
SHELL	:		15.00	SA516 GR.70N
DIA1/WIDTH (mm)	: 1500.00		DIA2/WIDTH (mm)	: 1500.00
HEIGHT/LENGTH (mm)	: 2000.00			

JACKET				
	SHAPE	SIDE PRESSURE ACTS ON	THICKNESS (mm)	MATERIAL
HEAD1	: Hemispherical	Concave	10.50	SA516 GR.70N
HEAD2	: Flat	Others	15.00	SA516 GR.70N
SHELL	:		8.30	SA516 GR.70N
DIA1/WIDTH (mm)	: 1100.00		DIA2/WIDTH (mm)	:
HEIGHT/LENGTH (mm)	: 850.00			

TUBE				
	DIA (mm)	THICKNESS (mm)	MATERIAL	REMARKS
TUBE1	: 20.00	3.20	SS316L	
TUBE2	: 15.50	3.20	SS316L	
TUBE3	:			
TUBE4	:			
TUBE5	:			

## TESTS PERFORMED IN THIS EXAMINATION

DESCRIPTION	TEST DATE
Approve Procedure for Repair	26/07/2023
Assisted Lifting Test of Safety Valves	26/07/2023
Basic Visit	26/07/2023
Bench Test of Safety Valves	26/07/2023
Design Check	26/07/2023
Determine Nature of Repair	26/07/2023

## PRESSURE AND THICKNESS TEST DETAILS

DESCRIPTION	TEST DATE
Latest Pressure Test	26/07/2023
Latest Thickness Test	26/07/2023

*Continued on next page*

**ANNEX E : ENHANCED FORMAT OF PRESSURE VESSEL REPORT OF EXAMINATION (CONTINUED)**



**WORKPLACE SAFETY AND HEALTH ACT**  
**REPORT OF EXAMINATION OF PRESSURE VESSEL**

PV Registration No.  
**BR000000Z**

Next Examination Date  
**25/07/2024**

**TESTS PERFORMED IN THIS EXAMINATION**

DESCRIPTION	TEST DATE
Dye Penetrant Test	26/07/2023
Extra Visit	26/07/2023
Fabrication Survey	26/07/2023
Hydropneumatic Test	26/07/2023
Hydrostatic Test	26/07/2023
Inspection during Repair	26/07/2023
Inspection prior to Registration	26/07/2023
Installation Inspection	26/07/2023
Investigation prior to Boiler Approval	26/07/2023
Magnetic Particle Test	26/07/2023
Piping Survey	26/07/2023
Pneumatic Test	26/07/2023
Positive Material Identification Test	26/07/2023
Radiography Test	26/07/2023
Running Test	26/07/2023
Steam Piping Inspection (>5m Length, > 150mm Diameter)	26/07/2023
Short Term Extension	26/07/2023
Strain Gauging Test	26/07/2023
Ultrasonic Thickness Test	26/07/2023
Verification and Testing of Gas Train	26/07/2023
Verification of Material	26/07/2023
Visual Examination	26/07/2023

**OBSERVATIONS**

Safety valve tested ok.

**CONDITIONS**

To be operated in a safe and sound manner.

I certify that on **26/07/2023** the pressure vessel described in this report, including its fittings, attachments and appliances, was thoroughly examined by me, as far as its construction permits, and that the above is a true report of my examination.

I further certify that the pressure vessel is found to be in compliance with the requirements stipulated in the Workplace Safety and Health Act and its subsidiary legislations, and is safe for use.

Digitally signed by  
**JOSEPHINE TAN**  
 26 Jul 2023, 12:00:00 PM SGT  
**JOSEPHINE TAN**  
 AUTHORISED EXAMINER

*This report is digitally signed and current status of vessel is verifiable through the QR code.*

