

R.S.A CONFORMITY ASSESSMENT CERTIFICATE
SIMPLE PRESSURE VESSEL DIRECTIVE 2014/29/EU [CATEGORY I+ VESSELS]

1. General Pressure Vessel Data:

The main objective of this document is to review Conformance of Equipment **Air Tank – OD245 (24 Liter)** to the relevant national legislation.

Country of Origin:	Republic of China
Year of Manufacture:	2022
Manufacturer's Serial/Batch Number:	222001-222180
Design In Compliance to:	SPVD 2014/29/EU & EN 286-1:1998+A1:2002
Design Pressure:	800 kPa
Design Temperature [Min / Max]:	-10 / 100 °C
Capacity:	0.024 m ³
Medium:	Air
Notified Body Number [CE Mark and Number] [If Applicable]	Apragaz (CE 0029)

2. Manufacturer / Country of Origin Conformance:

The Unit was built in conformance with the local legislation of the Country of Origin, as set out in the following documentation supplied with the equipment;

- **Zhongwei Kongyaji Co. Ltd, EC Declaration of Conformity – dated 5/12/2022**
- **Apragaz, Design & Type Examination Certificate no. 16/CN/4025-0 Rev. 1, valid from 12/12/2016 until 12-12-2026 (10 years)**

3. Importer Review and Approval:

Importer's Name:	Adendorff Machinery Mart
SANS 347: 2012 Hazard Category:	I
Assessment Modules:	B+C2
Over-pressurization Protection:	Yes
Type:	Equipment
Specify [Description / Serial Number]:	Safety Valve
Set Pressure:	800 kPa

As part of the R.S.A legislation [Paragraph 11.1.a], all pressure equipment shall be subjected to an internal, external inspection and pressure test at $1.25 \times P_d$ before commissioning. After installation and

per paragraphs 11.1d and 11.1e, the equipment shall be subject to routine inspection and pressure test every three years thereafter.

Importer's Declaration:

Adendorff Machinery Mart, on this **6th day of April 2023**, hereby declares that Equipment **Air Tank - Model OD245 (24 Liter)** conforms to the Pressure Equipment Regulations.

Name & Surname: Brandon Trivett



Signature:

Designation: **Procurement manager**

4. R.S.A TPI:

I, **Rudolf Vorster**, in my capacity as representative of **Intertek Industry Services** hereby confirm that Equipment **Air Tank - Model OD245 (24 Liter)**, imported with **CE Marking** as allowed by the PER Regulation 7 displays all the required markings as per Regulation 9 and that all records required by Regulation 14 has been reviewed for compliance. Based on our verification of the records, the Equipment meets the requirements as stipulated in the Pressure Equipment Regulations for Imported Equipment.

Name & Surname: Rudolf Vorster

Signature:



Designation: Snr Technical Advisor

ADDENDA A – REVIEW CHECKLIST

REQUIRED ITEMS:	REVIEWED BY IMPORTER:	VERIFIED BY AIA:	DOCUMENT IDENTIFICATION:
1. Manufacturer's EC Declaration of Conformity	✓	✓	▪ Zhongwei Kongyaji Co. Ltd, EC Declaration of Conformity – signed 5/12/2022
2. Type Verification Certificate issued by the Notified Body [If Applicable]	✓	✓	▪ Apragaz, Design & Type Examination Certificate no. 16/CN/4025-0-Rev 1, valid from 12/12/2016 until 12/12/2026 (10 year)
3. Notified body ISO 17020 or higher accreditation	✓	✓	▪ EN ISO/IEC 17020 (Last approval date 19/01/2021)
4. Equipment Arrangement Drawing [If Available]	✓	✓	▪ Zhongwei Kongyaji Co. Ltd, Drawing no. OD245-24-8 Rev 0, dated 01-11-2015
5. Proof of Shop Pressure Test	✓	✓	▪ Zhongwei Kongyaji Co. Ltd. Hydrostatic Pressure test report serial batch no. 222009 & 22285 & 222135, (180 in total) dated 2022-12-03.
6. Facsimile / Photo / Photocopy of Manufacturer's Nameplate	✓	✓	▪ See incorporated photo within R.S.A Conformity Assessment compilation.
7. Requirements for PER Nameplate	✓	✓	▪ See incorporated drawing within R.S.A Conformity Assessment compilation.
8. R.S.A Conformity Assessment Certificate	✓	✓	▪ As above ITK-RSA-CA-0898 Rev 0
GENERAL REMARKS:			
<u>Importer:</u>			
<u>AIA:</u>			

EC DECLARATION OF CONFORMITY

We hereby declare under our responsibility that the product here described:

Capacity	Operation pressure	Operating temperature	Tank model	Year of construction	Batch and serial number
24 L	8 bar	-10°C--+100°C	OD245	2022/2023	222001-222180

We declare that this tank have been designed in compliance with the following standard:

EN286-1 for Simple unfired pressure vessels designed to contain air or nitrogen.

And in accordance with the following directive:

2014/29/EU (SPVD) of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of simple pressure vessels.

Complies with the EEC adequacy examination certificate, issued by notified body No. 0029:
P11369/SPV01



Manufacturer: Zhongwei kungyaji Co., Ltd.
Address: Danya Industrial Zone, Zeguo Town, Taizhou, Zhejiang, China

Signature:

Name : 吴三友
Function: QA manager
Date: 5. 12, 2022.



APRAGAZ

Member of
CEOC
INTERNATIONAL

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e-mail: info@apragaz.com

EU-TYPE EXAMINATION CERTIFICATE		P11369/SPV01	
In accordance with module B of the Simple Pressure Vessel Directive 2014/29/EU		Certificate N° 16/CN/4025-0 Rev.1	
Manufacturer	Name	ZHONGWEI KONGYAJI Co., Ltd	
	Address	Danya Industrial Zone, Zeguo Town, Taizhou ZHEJIANG CHINA	
Description / Type :	Air tanks CLASSII and III OD245, OD285, OD305, OD356, OD407, OD457 VARIANT 1 & 2, OD508	Equipment : Module: B	yes Production type
Drawing number :	OD245 Rev.1, OD285 Rev.0, OD305 Rev.0, OD356 Rev.0, OD407 Rev.0, OD457 VARIANT 1 Rev.0, OD457 VARIANT 2 Rev.1, OD508 Rev.1		
Maximum allowable Pressure (PS) : 8 barg			
Minimum / Maximum allowable temperature (Tmax/Tmin) : -10/+100°C			
Capacity (L):	OD245 : 21, 24, 27, 30, 36L OD285 : 40, 50, 60L OD305 : 50, 60, 70, 80L OD356 : 70, 80, 90, 100L OD407 : 100, 120, 150, 160, 200L OD457 VARIANT 1 : 150, 160, 180, 200, 230, 250L OD457 VARIANT 2 : 115L OD508 : 250, 300, 320, 350, 370L		
Hydrostatic test			
Test Pressure:	13,2 barg		
Date of prototype:	2016/12/12		
The undersigned certifies that the design of this equipment conforms with the requirements of the Directive 2014/29/EU on the basis of the information supplied. The manufacturer is allowed to affix the mark CE0029 to approved equipment in the conditions described in article 16 of the Directive, only if the requirements stated in module C2 are fully complied with.			
Date : 2016/12/12	Name : Eng. S. Mertens	Position : Sub	Department :
Notified body identification number :	CE0029		
Notified body stamp :	APRAGAZ Belgium Inspecting Authority		
The approval is valid until : 2026/12/12		Eng. F. Yemaux Head Design and Steam Department	
Notified body reference :	P11369/SPV01		

Notification of a Body in the framework of a technical harmonization directive

From : SPF Economie, PME, Classes moyennes et Energie
North Gate III, Boulevard du Roi Albert II, 16
1000 Brussels
Belgium

To : **European Commission**
GROWTH Directorate-General
200 Rue de la Loi,
B-1049 Brussels.
Other Member States

Reference :

Legislation : 2014/29/EU Simple pressure vessels

Body name, address, telephone, fax, email, website :

APRAGAZ A.S.B.L.
Chaussée de Vilvorde, 156
1120 BRUXELLES
Belgium
Phone : +32/2 264 03 60
Fax : +32/2 268 89 58
Email : info@apragaz.com
Website : www.apragaz.com

Body :

NB 0029

The body is formally accredited against :

EN ISO/IEC 17020 - Inspection

EN ISO/IEC 17065 - Product certification

Name of National Accreditation Body (NAB) : BELAC

The accreditation covers the product categories and conformity assessment procedures concerned by this notification : Yes

Tasks performed by the Body :

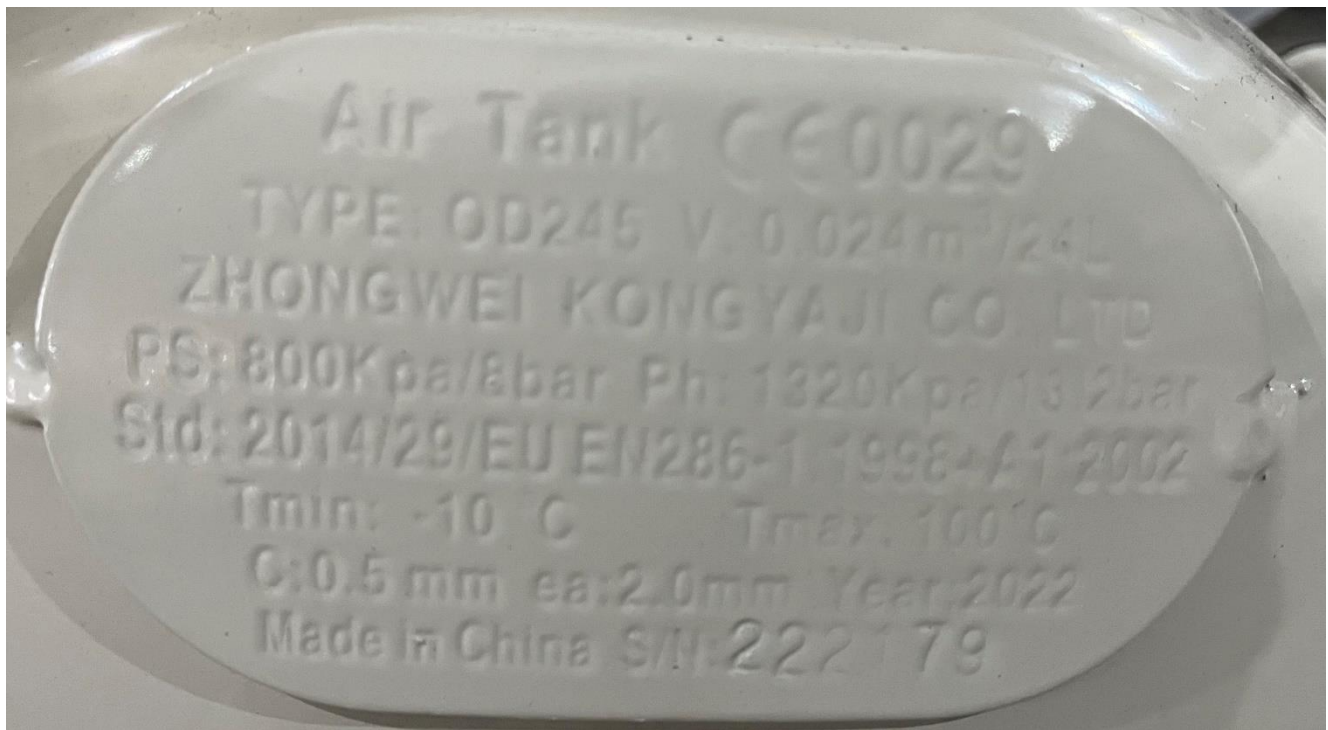
Last approval date : 19/01/2021

Product family, product /Intended use/Product range	Procedure/Modules	Annexes or articles of the directives
Simple pressure vessels	EU-type examination (Module B) Conformity to type based on internal production control plus supervised product testing (Module C1) Conformity to type based on internal production control (Module C) Conformity to type based on internal production control plus supervised product checks at random intervals (Module C2)	Annex II Annex II Annex II Annex II

台州中威空压机制造有限公司

ZHONGWEI KONGYAJI CO., LTD.

ZHONG WEI	压力试验报告 Pressure Test Report			文件号: Doc. No. :	PTR-2205-02
产品名称 Product Description	24L pressure Vessel	图纸号/版次 Drawing No/Rev No.	0D245	工作任务单号 Job No. :	220512005
试验介质 Test Medial	压缩空气 Air	介质温度 Testing Temperature	20℃	压力表编号 Pressure gauge No.	15031480
材料牌号 Material Spec.	Q235B	试验日期 Testing Date	2022. 12. 3	数量 Quantity	180
设计要求压力试验曲线 Testing Requirments & Fig.	试验压力 1.32Mpa Testing Pressure 最大工作压力 0.8Mpa Max. Working Pressure 保压时间 10min 保压时间 10min Holding Time 10min				
产品编号: Pressure Vessel Serial No.	试验结果 Testing Result		产品编号: Pressure Vessel Serial No.		试验结果 Testing Result
COMPRE-001(222009)	合格Pass				
COMPRE-001(22285)	合格Pass				
COMPRE-001(222135)	合格Pass				
检验员/日期: Examiner/Date:	金海 2022.12.3		检验工程师/日期: QC Engineer/Date:		林 2022.12.12



AIR TANK CE0029

TYPE:	OD245	VOLUME:	0.024m ³ /24L
ZHONGWEI KONGYAJI CO. LTD		Certificate NO:	N°16/CN/4025-0 Rev.1
PS.	800Kpa/8bar	PH. :	1320Kpa/13.2 Bar
DESIGN P:	800Kpa/8bar	MEDIUM	Nonlethal Air
TMIN:	-10°C	TMAX:	100°C
C:	0.5mm	EA:	2.0mm
YEAR:	2022	HAZARD CATEGORY	I
STD:	2014/29/EU, EN286-1	SN:	0F222001-0F222180
MADE IN CHINA			
RSA:CA AIA	INTERTEK		



Industrie Service

CERTIFICATE

valid until: 03.08.2030

ZERTIFIKAT

gültig bis: 03.08.2030

EU Type examination (module B) - production type - according to Directive 2014/68/EU

EU-Baumusterprüfung (Modul B) - Baumuster - nach Richtlinie 2014/68/EU

Certificate No.:

Z-IS-AN1-MAN-20-08-2708744-04115611

Zertifikat-Nr.:

Name and address of manufacturer:

Taizhou Weiyue Machinery Co., Ltd.

Name und Anschrift des Herstellers:

**No. 423, Jiexia Village, Sanjia Street, Jiaojiang District,
Taizhou City, 318014, Zhejiang Province,
P. R. China**

We herewith certify that the type mentioned below meets the requirements of the Directive 2014/68/EU.

Hiermit wird bescheinigt, dass das unten genannte Baumuster die Anforderungen der Richtlinie 2014/68/EU erfüllt.

CE 0036

Evaluation report No.:

P-PRC-20-07-5010210743-001

Prüfbericht Nr.:

Scope of examination:

Safety Valves for compressed air:

Geltungsbereich:

Type WYAX27-2T, -6T, -8T, -12T (2 bar -12 bar)

Manufacturing plant:

Taizhou Weiyue Machinery Co., Ltd.

Fertigungsstätte:

**No. 423, Jiexia Village, Sanjia Street, Jiaojiang District,
Taizhou City, 318014, Zhejiang Province,
P. R. China**

Mannheim, 04.08.2020

(Place, date)

(Ort, Datum)

Verification of Certificate by TÜV SÜD App Verify
Echtheitsprüfung durch App TÜV SÜD Verify

Notified Body, No. 0036
Notifizierte Stelle, Kenn-Nr. 0036
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München
GERMANY

Dokument ID: 2708744Yb74ac

TÜV SÜD Industrie Service GmbH

Certification Body for pressure equipment



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ZERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICADO ◆ CERTIFICAT ◆ 認証証書 ◆ CERTIFICATE ◆ ZERTIFIKAT