

# FULL QUALITY ASSURANCE CERTIFICATE

Certificate No.:  
9247-2016-CE-RGC-ACCREDIA

Initial date:  
18 December, 2013

Valid:  
03 March, 2017 ~ 02 March, 2020

This certificate consists of <3> pages

This is to certify that the quality system of

## Zhejiang Ruihua Machinery Co., Ltd.

Lincheng Village, Linshan Town, Yuyao City, Ningbo City, Zhejiang, P. R. China

has been assessed and found to comply with respect to the conformity assessment procedure described in:

### ANNEX III MODULE H OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT

This certificate is valid for the following scope:

Type of Pressure Equipment	<b>Pressure vessel</b>
Product Name	<b>Bodies of fire extinguisher</b>

Place and date:  
Vimercate 14 March, 2017



SGQ N° 003 A	EMAS N° 009 P
SGA N° 003 D	PRD N° 003 B
SGE N° 007 M	PRS N° 004 C
SCR N° 004 F	SSI N° 002 G

Membro di MLA EA per gli schemi di accreditamento SGQ, SGA, PRD, PRS, ESP, GHG, LAB e LAT, di MLA EAF per gli schemi di accreditamento SGQ, SGA, SSI, FSM e PRD e di MRA ILAC per gli schemi di accreditamento LAB, MED, LAT e ISF

For the notified body 0496:  
DNV GL Business Assurance Italia  
S.r.l.

**Nicola Privato**  
Management Representative

Certificate No.: 9247-2016-CE-RGC-ACCREDIA  
 Place and date: Vimercate 14 March, 2017  
 Revision No: 00

### Jurisdiction

Application of Directive 2014/68/EU and Decreto Legislativo n. 26 of 15 February 2016.

### Certificate history

Revision	Description	Issue date
00	Recertification	14 March, 2017
01	Scope extension certificate for water based; Certificate No.: 3614-2013-CE-RGC-ACCREDIA	03 December, 2015
00	Original certificate: Certificate No.: 3614-2013-CE-RGC-ACCREDIA	18 December, 2013

### Products covered by this certificate

Product name	Product description	Type of material	Applied product standard
Bodies of fire extinguisher	Bodies of fire extinguisher manufactured by welded ferritic steel and stainless steel	III	EN3-8 EN1866

### Design data of product

Maximum allowable pressure (PS)	Minimum/maximum allowable temperature (TS)	Fluid	Fluid group	Applied product standards
20 barg	-30 °C / +60 °C	Powder; water based	2	EN3-8
		Powder		EN1866

### Suitable Range of products

Medium	Charges	Fluid	Applied product standards
Group 2	1 Kg ≤Nominal charges ≤12 Kg	Powder	EN3-8
	0.5L ≤Nominal charges ≤12L	Water based	
	25 Kg ≤Nominal charges ≤100 Kg	Powder	EN1866

### Material of element

body	EN10130 grade DC1
body	EN10130 grade DC3
Neck ring	GB/T 8163 grade 20
Neck ring	GB/T 1220 grade 06Cr19Ni10

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**Applications/Limitations**

- Material of non-harmonized standards must comply with the relevant PMA documents (Particular Material Appraisal) appraised by Det Norske Veritas Italia S.r.l.;
- This verification has been limited to the pressure envelope. This approval does not include the internals, structural strength of steel structure, external loads if any etc.

**Materials**

The materials listed below have been subject to Particular Material Appraisal as required by PED Annex 1 Sec. 4.2b. The documents describe, in a complete and concise manner, the characteristics of the materials and their conformity to the directive No. 2014/68/EU.

The materials subject to the Particular Material Appraisal may be used in pressure equipment in accordance with directive 2014/68/EU and to the conditions as stated in the documents for the respective grades of material qualities.

Title	Rev.	Date
EN 10130 grade DC1	1	2013-11-26
EN 10130 grade DC3	1	2013-11-26
GB/T 8163 grade 20	1	2013-11-26
GB/T 1220 grade 06Cr19Ni10	1	2015-07-31

**Sites covered by this certificate**

Site name	Site Address	Audited by	Date	Report ref
Zhejiang Ruihua Machinery Co., Ltd.	Lincheng Village, Linshan Town, Yuyao City, Ningbo City, Zhejiang, P. R. China	DNV GL Business Assurance ( China ) Co. Ltd.	2017-02-15	AUDIT REPORT – PED - Module H

**Terms and conditions for the certificate**

Valid terms and conditions are found in the DNV GL’s PED Certification Rules

END OF CERTIFICATE