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**NOTIFIED BODY TYPE APPROVAL CERTIFICATE**

Issued in accordance with Pt 1.8.7.2 of ADR 2011 agreement  
and following :  
Directive 2010/35/EU (TPED)  
Directives 2008/68/EC & 2010/61/EU; (Annex 1)

Certificate N°  
**11/LU/2470-4-REV 0**  
Page 1/2

Manufacturer	Name	Ceodeux Extinguisher Valves Technology S.A. ROTAREX FIRETEC
	Address	24, Rue de Diekirch L-7505 Lintgen Grand Duché de Luxembourg
Other Manufacturing facilities	Name	ROTAREX STAR
	Address	60 Yuan Zhong Road 201300 Shanghai CHINA

Concerned equipment :

VALVES

Reference number : See table page 2/2

Concerned EC Directives & Standards used for this type approval :

TPED (2010/35/EU), ADR 2011, EN ISO 10297, EN ISO 2503, EN 12094-4

The conformity assessment of the concerned equipment will be performed in accordance with

- Pt 1.8.7.3 of ADR 2011 (supervision of the manufacture).
- Pt 1.8.7.4 of ADR 2011 (initial inspection and tests)

This will be performed by a relevant body which can be either :

- A TPED-ADR notified/ inspection body (Xa), see Pt 6.2.3.6.1 of ADR 2011 or
- The in-house Inspection Service of the manufacturer (IS), see Pt 6.2.3.6.1 of ADR 2011

The manufacturer is allowed to affix the "T" mark followed by the appropriate notified body identification number to approved equipment under the conditions described in the chapter 3 of the TPED Directive (2010/35/EU).

**The approval is valid until the dates specified into the table page 2/2**

Date : 25/10/2012

Name : Ch. Leplat

Position General Manager

Notified body identification number :

0029

Signature

Notified body (Xa) :

APRAGAZ  
Chaussée de Vilvorde N° 156  
1120 Bruxelles  
Belgium

Notified body reference :

P4722/003



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Production in Shanghai Facilities

Reference number	Gas	Nominal working pressure at 20°C	Reference standard	Approval valid until
B0430	CO <sub>2</sub> , inert Gas	60 bar / 200 bar	EN ISO 10297	03/08/2021

Production in Lintgen (LU) and Tachov (CZ) Facilities

Reference number	Gas	Nominal working pressure at 20°C	Reference standard	Approval valid until
B0175	O <sub>2</sub>	150 bar - 200 bar	EN ISO 10297	18/01/2012
B0177	CO <sub>2</sub> , H <sub>2</sub> , Inert Gases	200 bar	EN ISO 10297	20/09/2021
B0430	CO <sub>2</sub> , Inert Gases	60 bar / 200 bar	EN ISO 10297	03/08/2021
B0431	CO <sub>2</sub> , Inert gases	60 bar, 200 bar	EN ISO 10297	03/08/2021
B0435	CO <sub>2</sub> , Inert gases	60 bar, 200 bar	EN ISO 10297	03/08/2021
B0437	CO <sub>2</sub>	60 bar	EN ISO 10297	03/08/2021
B0439	CO <sub>2</sub> , Inert Gases, FM200, Novec 1230	60 bar - 200 bar	EN ISO 10297	03/08/2021
B0467/B0468	FS 49C2 (HFC 3-4-9 C2)	42 bar	EN ISO 10297	03/08/2021
B04690000 B04690100	NOVEC 1230 HFC227ea (FM200)	42 bar	EN ISO 10297	03/08/2021
B0480	CO <sub>2</sub> , Inert Gases, HFC227ea (FM200)	60 bar / 300 bar 42 bar	EN ISO 10297 EN ISO 12094-4	03/08/2021
B0481	Heptafluoropropane (FM 200), Trifluormethane (FE13), Nanofluor-4-(trifluoromethyl)-3-pentanone (NOVEC 1230) Pentafluoroethane (HFC 125)	Max. 50 bar	EN 12094	20/09/2021
B0482	HFC227ea (FM200) NOVEC 1230 CHF3 (FE13)	50 bar	EN 12094-4	20/09/2021
B0700/B0704	Powder, water, foam, halon alternatives	18 bar	EN 3-6 EN ISO 10297	03/08/2021
B0701	Powder, water, foam, halon alternatives	18 bar	EN 3-6 EN ISO 10297	03/08/2021
B0702	CO <sub>2</sub> , Inert gases	60 bar - 200 bar	EN 3-6	03/08/2021
B0703	CO <sub>2</sub> , Inert gases	60 bar - 200 bar	EN ISO 10297 TRG 253	03/08/2021
B0842	Air	200 bar - 300 bar	EN ISO 10297 EN ISO 2503	20/09/2021
B0902	Novec 1230 Water-based agent	Max. 200 bar	EN ISO 12094-4 EN 3-7, EN 3-8	03/08/2021

Date : 25/10/2012

Name : Ch. Leplat

Position **General Manager**

Notified body identification number :

**0029**

Signature

Notified body (Xa) :

APRAGAZ  
Chaussée de Vilvorde N° 156  
1120 Bruxelles  
Belgium

Notified body reference :

**P4722/003**