

DECLARATION OF CONFORMITY

No. 25/N/2022

Producer's name and address:

ORNO-LOGISTIC Sp. z o.o.

ul. Rolników 437, 44-141 Gliwice

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

Model: DC-3

Type: Battery-operated carbon monoxide detector

Technical parameters: : 3 x 1,5V AA

The above-mentioned subject meets the essential requirements contained in the provisions of the Directives of the European Parliament and of the Council (including all subsequent amendments and additions):

EMC – 2014/30/EU

RoHS – 2011/65/EU

The following harmonized standards and other technical specifications have been used for the conformity assessment:

- EN 50291-1:2018
- EN 50270:2015
- EN 50271:2010
- EN 50292
- EN 60335-1:2012

This declaration of conformity issued on the basis of positive results of tests carried out by a competent body is the basis for product labeling with the following sign:



The last 2 digits of CE marking: 21

Gliwice, 17.01.2024r.

The name and company position
of importing company:

Aleksandra Owczarek
Chairwoman

ORNO-LOGISTIC Sp. z o.o.

44-141 Gliwice, ul. Rolników 437

NIP 6351831853

KRS 0000458742 REGON 243244254

Authorized signature:

1 Attachment :

1. Screening Test by XRF spectroscopy

Test Method: Cadmium, Lead, Mercury, Chromium, Bromine
-- With reference to IEC 62321-3-1:2013

Test Result:

Material No.	Cd	Cr	Pb	Hg	Br
F001	BL	BL	BL	BL	BL
F002	BL	BL	BL	BL	BL
F003	BL	BL	BL	BL	BL
F004	BL	BL	BL	BL	n.a.
F005	BL	BL	BL	BL	BL
F006	BL	BL	BL	BL	BL
F007	BL	BL	BL	BL	BL
F008	BL	BL	BL	BL	n.a.
F009	BL	BL	BL	BL	BL
F010	BL	BL	BL	BL	n.a.
F011	BL	BL	BL	BL	n.a.
F012	BL	BL	BL	BL	BL
F013	BL	d.(*1)	BL	BL	n.a.
F014	BL	BL	BL	BL	BL
F015	BL	BL	BL	BL	BL
F016	BL	BL	BL	BL	BL
F017	BL	BL	BL	BL	BL
F018	BL	BL	BL	BL	BL
F019	BL	BL	BL	BL	BL
F020	BL	BL	BL	BL	n.a.
F021	BL	BL	BL	BL	n.a.
F022	BL	BL	BL	BL	n.a.
F023	BL	BL	BL	BL	BL
F024	BL	BL	BL	BL	n.a.
F025	BL	BL	BL	BL	BL
F026	BL	BL	BL	BL	BL
F027	BL	BL	BL	BL	BL
F028	BL	BL	BL	BL	BL
F029	BL	BL	BL	BL	n.a.
F030	d.(*1)	BL	d.(*1)	BL	n.a.
F031	BL	BL	BL	BL	n.a.
F032	BL	d.(*1)	BL	BL	n.a.

2 Attachment:

XRF Screening limits for different matrices :

Material	Concentration (%)				
	Cd	Cr	Pb	Hg	Br
Polymeric	BL≤0.006<X<0.014≤ OL	BL≤0.064<X	BL≤0.067<X<0.133≤ OL	BL≤0.066<X< 0.134≤OL	BL≤0.029<X
Metallic	BL≤0.006<X<0.014≤ OL	BL≤0.064<X	BL≤0.067<X<0.133≤ OL	BL≤0.066<X< 0.134≤OL	n.a.
Composite materials	BL≤0.004<X<0.016≤ OL	BL≤0.044<X	BL≤0.047<X<0.153≤ OL	BL≤0.046<X< 0.154≤OL	BL≤0.024<X

Remark: The symbol "X" marks the region where further investigation is necessary.

Abbreviation: Pb = Lead
 Cd = Cadmium
 Hg = Mercury
 Cr = Chromium
 Br = Bromine
 n.a. = Not applicable
 BL = Below limit
 OL = Over limit
 d. = Detected

3 Attachment:

2.Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE)

Test Method: Total Cadmium, Lead, Mercury, Chromium
 - Ref. to IEC 62321-4:2013+AMD1:2017 and IEC 62321-5:2013

Chromium (VI)
 - For Metal material - Ref. to IEC 62321-7-1:2015
 - For Plastic or Electronic material - Ref. to IEC 62321-7-2:2017
 - For Leather material - Ref. to EN ISO 17075-1:2017

PBBs, PBDEs - Ref. to IEC 62321-6:2015

Test Result:

	Cd	Cr(VI)	Pb	Hg	PBBs (*)	PBDEs (*)
Maximum Permissible Limit (%)	0.01	0.1	0.1	0.1	0.1	0.1

Material No.	RL (%)					
	Cd	Cr ^{VI}	Pb	Hg	PBBs (*)	PBDEs (*)
	0.001	0.001	0.001	0.001	0.01	0.01
F030	< RL	n.a.	1.30(*2)	n.a.	n.a.	n.a.

Material No.	Hexavalent Chromium Content (µg/cm ²) (*1) RL: 0.10 µg/cm ²
F013	Negative
F032	Negative

4 Attachment:

Remark:

(*) The reporting limit for each individual PBBs and individual PBDEs are :

Reporting Limit (%)		
PBBs	Bromobiphenyl	0.01
	Dibromobiphenyl	0.01
	Tribromobiphenyl	0.01
	Tetrabromobiphenyl	0.01
	Pentabromobiphenyl	0.01
	Hexabromobiphenyl	0.01
	Heptabromobiphenyl	0.01
	Octabromobiphenyl	0.01
	Nonabromobiphenyl	0.01
	Decabromobiphenyl	0.01
PBDEs	Bromodiphenylether	0.01
	Dibromodiphenyl ether	0.01
	Tribromodiphenyl ether	0.01
	Tetrabromodiphenyl ether	0.01
	Pentabromodiphenyl ether	0.01
	Hexabromodiphenyl ether	0.01
	Heptabromodiphenyl ether	0.01
	Octabromodiphenyl ether	0.01
	Nonabromodiphenyl ether	0.01
	Decabromodiphenyl ether	0.01

(*1) The total chromium content in Metal sample was found to be exceeded the maximum permissible limit (0.1%). Thus, the Chromium (VI) content in surface layer have been confirmed with reference to IEC 62321-7-1:2015 Annex.

	Chromium (VI) concentration	Qualitative result
Negative	<0.1µg/cm ²	The sample is negative (-ve) for Cr(VI). The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating
Inconclusive	≥0.1µg/cm ² and ≤0.13 µg/cm ²	The result is considered to be inconclusive. Unavoidable coating variations may influence the determination. Recommendation: if additional samples are available, perform a total of 3 trials to increase sampling surface area. Use the averaged result of the 3 trails for the final determination.
Positive	>0.13 µg/cm ²	The sample is positive (+ve) for Cr(VI). Concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

(*2) According to 2012/50/EU and Annex III of directive 2011/65/EU, Lead in the following electrical & electronic components is exempted from requirement.
1. Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

5 Attachment:

3. BBP, DBP, DEHP, DIBP content

Test Method: IEC 62321-8:2017

Test Result:

	BBP	DBP	DEHP	DIBP
Maximum permissible Limit (%)	0.1	0.1	0.1	0.1

Test No.	Material No.	(%)			
		BBP	DBP	DEHP	DIBP
		RL (%)			
		0.005	0.005	0.005	0.005
T020	F001 + F002 + F003 + F005 + F009	< RL	< RL	< RL	< RL
T021	F006 + F007 + F025 + F026 + F027	< RL	< RL	< RL	< RL
T022	F017 + F018 + F019 + F023 + F028	< RL	< RL	< RL	< RL

Abbreviation: BBP= Benzylbutyl phthalate
 DBP= Dibutyl phthalate
 DEHP= Bis(2-ethylhexyl) phthalate
 DIBP= Diisobutyl phthalate
 < = less than
 RL = Reporting Limit
 N.A. = Not Applicable
 %= percentage

3 Attachment: