

**REGULATION (EU) 2023/1542**  
**Article 6 : Restrictions on substances**  
**Conformity Assessment Report**

**1. Product Information**

Name of product	Manganese Dioxide Primary Lithium Coin Batteries
Category of battery	<input type="checkbox"/> Starting, lighting and ignition battery (SLI) <input type="checkbox"/> Electric vehicle battery (EV) <input type="checkbox"/> Light means of transport battery (LMT) <input checked="" type="checkbox"/> Industrial battery <input checked="" type="checkbox"/> Portable battery
Model number	CR1025, CR1216, CR1220, CR1616, CR1620 CR1632, CR2012, CR2016, CR2025, CR2032 CR2330, CR2354, CR2412, CR2430, CR2450 CR2477, CR3032

**2. Subjected regulation and directive**

The following regulations and directives are subject to Article 6: Substance Restrictions of REGULATION (EU) 2023/1542.

- Annex XVII to Regulation (EC) No 1907/2006
- Article 4(2), point (a), of Directive 2000/53/EC
- Annex I to REGULATION (EU) 2023/1542

**3. Compatibility confirmation method**

Since harmonized standards are specified in neither Article 6 nor Annex 1 of REGULATION (EU) 2023/1542, we use EN IEC 63000:2018 as a reference standard.

Confirmed by any of the following three methods.

- Supplier declarations: Non-use Warranty Certificates.
- Material declarations by supplier: List of specific substance content and identifying any exemptions.
- Analytical test results: Test data obtained by high-precision analysis (quantitative analysis) of product parts. Test data related to Hg, Cd, Pb, and Cr(VI) are applicable.

#### 4. Conformity Assessment Result

We have confirmed that all parts of these battery products do not contain restricted substances by the applicable regulations.

Target regulation	Restricted substances	Target category	Threshold	Result
Annex XVII to Regulation (EC) No 1907/2006	Annex XVII Restricted substances	All batteries	Restriction conditions are set for each entry number.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Article 4(2), point (a), of Directive 2000/53/EC	Hg	Batteries subject to ELV Directive	0.1% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Cd		0.01% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Pb		0.1% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Cr (VI)		0.1% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
Annex I to REGULATION (EU) 2023/1542	Hg	All batteries	0.0005% per battery weight	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
	Cd	Portable Battery	0.002% per battery weight	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
			0.01% per battery weight	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
	Pb ※1	Portable Battery		

※1 : Regulations for zinc-air button batteries will start from August 2028.

Note : This document provides the conformity assessment results of restrictions on substances. It does not indicate that the covered product is suitable for use in the battery category of the regulation.

Date: March 7, 2024

Signature: Approved and Signed by

Printed Name / Title

*Manabu Nara*

Manabu Nara / General Manager

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