MITSUBISHI ELECTRIC Inverter
Sales and Service

No. 862E

Response to the Addition of Prohibited Substances under POPs Convention for General-Purpose Inverters and Inverter Options

Thank you for your continued patronage of Mitsubishi Electric drive control products.
This document describes our response to the substances newly added to the list in Annex A (Elimination) of the Stockholm Convention on Persistent Organic Pollutants (POPs Convention).

- Link to description of the POPs Convention provided by the Japanese Ministry of Economy, Trade and Industry
  https://www.meti.go.jp/policy/chemical_management/int/pops.html (Reference: 2026-9-16)

1. Addition of prohibited substances under the POPs Convention

On December 16, 2025, the Secretary-General of the United Nations notified the member states that three types of substances (chlorpyrifos, medium-chain chlorinated paraffins (MCCPs), and long-chain perfluorocarboxylic acids (LC-PFCAs) and their salts and related compounds) would be added to Annex A (Elimination) of the POPs Convention. The countries that are parties to the Convention are required to specify the relevant regulatory requirements and the effective date in their respective laws and regulations within one year of receiving the notification from the United Nations.
If the laws and regulations of each country restrict the distribution and sale of products containing the above substances, such products may no longer be distributed or sold after the restriction takes effect.

2. Details of Change

Among the three types of added substances, medium-chain chlorinated paraffins (MCCPs) are contained in some parts of applicable models. Therefore, we will replace those parts with alternative parts.
The change does not affect the quality, performance, or specifications of the products.

For the applicable models, date of change, and product identification method, refer to the next page.

Date of issue	October 2026	Title	Response to the Addition of Prohibited Substances under POPs Convention for General-Purpose Inverters and Inverter Options	Mitsubishi Electric Corp., Nagoya Works 5-1-14 Yada-minami, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line

3. Products Affected

<table>
<tr><th>Applicable model</th><th>Applicable substance</th></tr>
<tr><td>None</td><td>Chlorpyrifos</td></tr>
<tr><td>・ Inverter
FR-A820-00105(1.5K) to 00250(3.7K), FR-A820-00770(15K) to 01540(30K), FR-A820-03160(55K) to 04750(90K), FR-A840-00083(2.2K) to 00380(15K), FR-A840-00770(30K) to 01800(55K), FR-A842-07700(315K) to 12120(500K), FR-A842-09620(400K) to 12120(500K)-P, FR-A860-00170, FR-A860-00320, FR-A860-00680, FR-A860-01080, FR-A862-05450 to 08500, FR-F820-00105(2.2K) to 00250(5.5K), FR-F820-00770(18.5K) to 01540(37K), FR-F820-03160(75K) to 04750(110K), FR-F840-00083(3.7K) to 00380(18.5K), FR-F840-00770(37K) to 01800(75K), FR-F842-07700(355K) to 12120(560K), FR-F860-00170, FR-F860-00320, FR-F860-00680, FR-F860-01080, FR-F862-05450 to 08500

For the FR-B series (FR-A800 specification), refer to the following table.
<table>
<tr><td>200 V class</td><td>FR-B-1500 to 3700, FR-B-15K to 30K, FR-B-55K, FR-B-75K, FR-B3-(N)1500 to 3700, FR-B3-(N)15K to 30K, FR-B4(D)-1.5K to 3.7K, FR-B4(D)-11K, FR-B4(D)-18.5K</td></tr>
<tr><td>400 V class</td><td>FR-B-2200, FR-B-3700, FR-B-7.5K, FR-B-15K, FR-B-37K, FR-B-55K, FR-B3-(N)H2200, FR-B3-(N)H3700, FR-B3-(N)H5.5K to 15K, FR-B3-(N)H30K, FR-B3-(N)H37K</td></tr>
</table>
・ Converter unit
FR-CC2-C355K, FR-CC2-C400K, FR-CC2-C560K, FR-CC2-H355K to H630K
・ Stand-alone option
FR-XC-(H)37K, FR-XC-(H)55K, FR-XC-(H)37K-PWM, FR-XC-(H)55K-PWM, FR-XCB-18.5K to 55K, FR-XCB-H18.5K to H75K, FR-XCB-H160K, FR-XCB-H220K

* All models including those with a suffix such as "-E" and "-60" are applicable.
* Inverters and inverter options not listed above are not affected.</td><td>Medium-chain chlorinated paraffins (MCCPs)</td></tr>
<tr><td>None</td><td>Long-chain perfluorocarboxylic acids (LC-PFCAs) and their salts and related compounds</td></tr>
</table>

4. Date of Change

The change will be applied to the products manufactured in November 2026 or later.

5. Product Identification

This change applies to the products having the following SERIAL or later on the rating plate or packaging plate.

SERIAL example on rating plate

□	6	Y	○○○○○○
Symbol	Year	Month	Control number

SERIAL

SERIAL example on packaging plate

□	6	Y	○○○
Symbol	Year	Month	Control number

SERIAL

The SERIAL consists of one symbol, two characters indicating the production year and month, and the control number (six characters for the rating plate, three characters for the packaging plate).
The last digit of the production year is indicated as the Year, and the Month is indicated by 1 to 9, X (October), Y (November), or Z (December).