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To: Whom it May Concern

BUSINESS AREA Electrification – Smart Power
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DOCUMENT ID 2CMT2022-006480
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Subject: REACh Regulation for Safety Products

With reference to the Regulation (EC) No 1907/2006 issued by the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACh) entered in force on 1st June 2007, please be informed that:

• ABB continuously assesses its products for content of Substances of Very High Concern (hereinafter SVHC), included in the “Candidate List” by the European Chemicals Agency (ECHA) as per Annex XIV of the REACh Regulation

• under normal and reasonably foreseeable usage conditions, products manufactured by ABB do not intentionally release any substance or preparation

• a substance on its own, in preparation or in an article, for which Annex XVII contains a restriction is not manufactured, placed on the market or used inside ABB products unless it complies with the conditions of that restriction

According to the current best knowledge and according to the information provided by suppliers, ABB states that manufactured Safety products and related accessories comply with the materials and the restrictions in Regulation (EC) No 1907/2006.

All information concerning SVHC listed in the "Candidate List” updated on January 21st, 2025 present in excess of 0.1% w/w is illustrated in appendix of ABB document 2CMT2022-006480.

i. V. Andreas Weidner
Local Product Material Compliance Specialist

i. V. Christian Trattnig
ELSP Quality Manager

SVHC present in excess of 0.1% for Safety products

including Cables and Connectors, Contact Strips and Bumpers, Optical Safety Devices, Programmable Safety Controllers Safety Adapter Units, Safety Control Devices, Safety Controllers, Safety Mats, Safety Relays, Safety Sensors, Switches and Locks and Accessories

Safety products

Lead (CAS # 7439-92-1)

- Some electrical components mounted in Safety controller: Vital 1
- Some electrical components mounted in Safety relays: Sentry
- Programmable Safety Controllers: RSA 597, RSA 698, RHA 698, Connector for RSA 597

2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) (CAS # 3147-75-9)

- Some electrical components mounted in Safety relays: Sentry

Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (CAS # 29420-49-3)

- Some electrical components mounted in Safety relays: Sentry