



Global Product Safety & Market Access

REGULATORY SNAPSHOT

Electrical and mechanical products | September 2026

In This Issue

This month's snapshot highlights consequential product-safety and market-access developments affecting electrical and mechanical products:

United States

- **CPSC review of UL 4200A-2026 under the button-cell rule** — Comments are due 17 September 2026; no substantive design change is currently indicated.

Canada

- **RSS-Gen Issue 6 published for radio apparatus** — Updated certification, testing and labeling provisions; transition runs through 30 July 2027.
- **NRCan Energy Efficiency Regulations — Amendment 19** — Proposed changes span approximately 20 product categories; final requirements and dates remain pending.

European Union

- **Draft standards request for external power supplies and chargers** — Feedback is due 14 September 2026; the request supports new ecodesign requirements.
- **Machinery Regulation transition planning** — Regulation (EU) 2023/1230 applies from 20 January 2027; 2027 project-file conversion should be underway.

United Kingdom

- **New market-access route for plug-in solar devices** — The controlled pathway for qualifying devices up to 800 W became effective 27 August 2026.
- **Household tumble-dryer energy-information transition** — Label and public-web information duties begin 19 September 2026.

Australia

- **EESS position on fully insulated winding wire evidence** — Product-family evidence is required for FIW transformers used in controlgear, power supplies and chargers.

New Zealand

- **New Zealand product-safety notice mechanism** — The Fair Trading Amendment Bill remains proposed and creates no current compliance duty.

Information verified through 8 September 2026. Status labels distinguish adopted requirements from proposals and transition items.

United States

CPSC review of UL 4200A-2026 under the button-cell rule

PROPOSED / PROCEDURAL Comments due 17 September 2026

What changed: CPSC is evaluating the July 2026 revision of UL 4200A for possible incorporation into the mandatory rule at 16 CFR Part 1263. The standards developer identifies the revision as a format correction to Figure 7B.2 with no additional changes.

Why it matters: The statutory review can update the incorporated standard, but the published revision does not indicate a new technical design or test requirement.

Review now: Continue to comply with the currently incorporated rule. Monitor CPSC's determination and verify controlled copies of the standard and affected figure references.

Canada

RSS-Gen Issue 6 published for radio apparatus

TRANSITION Published 30 July 2026; transition through 30 July 2027

What changed: ISED published RSS-Gen Issue 6 and RSS-310 Issue 6. RSS-Gen updates general certification, testing, labeling and e-labeling provisions, including QR-code and very-small-device options, calibration expectations and measurement guidance.

Why it matters: The general standard affects Canadian certification work for Wi-Fi, Bluetooth, cellular and other intentional-radiator functions incorporated into instruments, robots, controls, luminaires and appliances.

Review now: Update Canadian RF checklists, user-manual notices and test-report templates. For new campaigns, instruct the laboratory and certification body to work to Issue 6 unless a documented transition plan supports Issue 5.

[Canada Gazette publication notice](#)

[ISED RSS-Gen Issue 6](#)

NRCan Energy Efficiency Regulations - Amendment 19

PROPOSED Canada Gazette Part I published 20 June 2026; consultation closed

What changed: The proposal would add or update requirements for approximately 20 product categories, including electric motors, battery chargers and uninterruptible power supplies, household appliances, water heaters, ventilation equipment and pool products. Product-specific proposed dates extend across 2027-2032, while general commencement depends on final Part II publication.

Why it matters: The proposal changes scope, permitted test methods, efficiency levels, labeling and reporting for multiple electrical and electromechanical product families. The dates and text are not final.

Review now: Build an affected-product matrix covering model scope, test method, verification mark, energy-efficiency report and proposed manufacturing date. Do not set final launch gates until the Part II regulation is published.

[Canada Gazette proposed regulation](#)

European Union

Draft standards request for external power supplies and chargers

DRAFT Feedback due 14 September 2026

What changed: The Commission is consulting on a standards request supporting Regulation (EU) 2025/2052. Work would revise EN 50563 and develop methods for surge resistance, interoperability and wireless-charger standby consumption.

Why it matters: The regulation expands ecodesign coverage to external power supplies, wireless chargers and pads, chargers for portable batteries and USB Type-C cables. Most requirements apply from 14 December 2028.

Review now: Compare current EPS and charger platforms with the regulation's efficiency, interoperability, output-performance, marking and information obligations. Treat the standards request as draft and plan for evolving test methods.

[European Commission draft standards request](#)

[Regulation \(EU\) 2025/2052](#)

Machinery Regulation transition planning

ADOPTED / APPROACHING Regulation (EU) 2023/1230 applies from 20 January 2027

What changed: The Machinery Regulation replaces Directive 2006/42/EC from the application date. The Commission is preparing the first harmonized-standards list under the new Regulation and indicates that it is expected before the end of 2026.

Why it matters: Machinery and robotics projects entering the EU market in 2027 need the correct legal basis, conformity-assessment route, declaration and technical documentation. The Directive's cited standards should not automatically be assumed to provide presumption of conformity under the Regulation.

Review now: Segment the pipeline by placing-on-the-market date. Review applicable essential health and safety requirements, risk assessment, safety-related software and control evidence, cybersecurity-related safety considerations, instructions and declarations.

[European Commission machinery standards page](#)

[Regulation \(EU\) 2023/1230](#)

United Kingdom

New market-access route for plug-in solar devices

EFFECTIVE Effective 27 August 2026

What changed: UK regulations now permit qualifying plug-in solar devices with a maximum rated AC output not exceeding 800 W to connect through a standard plug and socket when the device and plug comply with the Plug-in Solar Device Interim Product Specification, version 2.

Why it matters: This changes the previous practical market-access position for a defined class of small plug-in microgenerators. Products outside the definition or specification do not gain the exemption.

Review now: Confirm product scope, 800 W output limit, plug and cord approvals, network-interface requirements, protection against islanding, installation limitations, markings, warnings and instructions against the interim specification.

[UK Statutory Instrument 2026/848](#)

[Plug-in Solar Device Interim Product Specification v2](#)

Household tumble-dryer energy-information transition

EFFECTIVE SHORTLY Supplier transition begins 19 September 2026; further duties apply 19 January 2027

What changed: The 2026 regulations introduce a transitional supplier route requiring the prescribed printed label, electronic label, publicly accessible product-information data and technical documentation. The transitional period runs through 18 January 2027; the wider new regime then applies.

Why it matters: Labels, model webpages, dealer data, advertisements, manuals and technical files must be coordinated. Missing public-web data or incorrect label versions can create immediate market-access and enforcement exposure.

Review now: Audit Schedule 15 label content, Schedule 16 product-information data, website technical information, dealer files, advertising statements and manual URL or QR references before 19 September.

[UK Statutory Instrument 2026/318](#)

[Correcting and transitional amendment - SI 2026/750](#)

Australia and New Zealand

EESS position on fully insulated winding wire evidence

EFFECTIVE GUIDANCE Information Bulletin 26-087 approved 13 July 2026

What changed: Australian electrical-safety regulators state that evidence to AS/NZS 62368.1 Annex J is not accepted by itself to demonstrate double or reinforced insulation for FIW transformers used in lamp controlgear, general power supplies or battery chargers. The applicable product-family route, including AS/NZS 61347.1 or AS/NZS 61558.1 / IEC 61558-1 Annex K provisions, must be followed.

Why it matters: A transformer component accepted in an ICT product file may not carry sufficient evidence into lighting, power-supply or appliance certification. Dielectric test levels and product-standard requirements differ.

Review now: Audit critical-component lists, transformer certificates and CB reports. Obtain product-family evidence before EESS certification or variation work.

[EESS Information Bulletin 26-087](#)

New Zealand product-safety notice mechanism

PROPOSED / MONITOR Fair Trading Amendment Bill remains before Parliament

What changed: The Bill would allow regulations to authorize MBIE's Chief Executive to update technical product-safety requirements through product-safety notices while regulations continue to identify the regulated product classes.

Why it matters: If enacted and used, technical references could be updated more quickly than under the current regulatory process. The Bill itself does not create a new electrical-product compliance duty at this stage.

Review now: Monitor the Bill and any future product-safety notices. No other consequential New Zealand electrical or mechanical product-safety change was identified for this snapshot.

[New Zealand Fair Trading Amendment Bill](#)

Priority review checklist

1. UK tumble-dryer suppliers: verify transitional label, product-information sheet, public website data, dealer files, technical documentation and manual link or QR reference before 19 September 2026.
2. EU charger and external-power-supply teams: review Regulation (EU) 2025/2052 and the draft standards request; record gaps in efficiency, interoperability, surge, marking and information evidence.
3. EU machinery and robotics teams: classify 2027 launches by placing-on-the-market date and begin Regulation (EU) 2023/1230 technical-file conversion.
4. Canadian radio projects: update specifications, RFQs, manuals and test-report templates to RSS-Gen Issue 6; document any use of the transition period.
5. Australia certification files: verify that FIW transformer evidence follows the applicable lighting, power-supply or battery-charger product standard rather than relying on AS/NZS 62368.1 Annex J alone.

Primary-source index

- [CPSC - UL 4200A-2026 review](#)
- [UL Standards & Engagement - UL 4200A revision record](#)
- [ISED - publication notice for RSS-Gen Issue 6 and RSS-310 Issue 6](#)
- [NRCan - proposed Amendment 19](#)
- [European Commission - draft EPS and charger standards request](#)
- [EU - Regulation \(EU\) 2025/2052](#)
- [EU - Regulation \(EU\) 2023/1230 on machinery](#)
- [UK - Plug-in solar amendment regulations](#)
- [UK - Household tumble-dryer regulations](#)
- [Australia - EESS Information Bulletin 26-087](#)
- [New Zealand - Fair Trading Amendment Bill](#)

About this snapshot

Prepared by Connaughton Group LLC, an independent product-safety, regulatory-compliance and global market-access consulting firm. This snapshot is intended to help manufacturers identify developments requiring further review; it is not legal advice, a certification decision or a substitute for the complete regulatory text, applicable standard, certification-body requirements or product-specific engineering assessment.

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