



MILWAUKEE ELECTRIC TOOL CORPORATION

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Certificate of UN Test Compliance

Milwaukee Electric Tool Corporation hereby certifies that its rechargeable Lithium ion batteries have been tested to, and are compliant with, relevant battery test requirements as described in the **UN Manual of Tests and Criteria (5th Revised Edition)**, Part III, Subsection 38.3. The following Lithium ion batteries are acceptable for transport when shipped in compliance with DOT, TDG, ADR, RID, IATA, ICAO and IMDG regulations, among others.

| <i>Line Item</i> | <i>Lithium ion Battery Model Numbers</i> | <i>Rated Volts</i> | <i>Battery Construction (series/parallel)</i> | <i>DOT "ELC" (in grams)</i> | <i>Maximum Watt-hour Rating</i> |
|------------------|--|--------------------|---|-----------------------------|---------------------------------|
| 1 | Milwaukee: 48-11-2830; M28 BX; V28 B Würth: Li 28V; Li-2-28V Ramset: CBATR28 Other OEM: Li28M | 28V | 7S/1P | 5,5 g | 84 Wh |
| | | | 7S/2P | 6,3 g | 84 Wh |
| 2 | Milwaukee: 48-11-1830; V18 B | 18V | 5S/1P | 3,9 g | 54 Wh |
| 3 | Milwaukee: 48-11-1840; M18B4 Berner Trading: BBP 18V BTI Befestigungstechnik: 9048293 Other OEM: Li 18B4 | 18V | 5S/2P | 6,0 g | 72 Wh |
| 4 | Milwaukee: 48-11-1828; 48-11-1830; C18 B; M18 BX; MV18 BX; Würth: 0700 913 730; 0700 913 731 Ramset: CBATR18 Berner Trading: BBP 18V BTI Befestigungstechnik: 9048291 Other OEM: Li 18 | 18V | 5S/2P | 4,5 g | 54 Wh |
| 5 | Milwaukee: 48-11-1820; M18B2 Other OEM: Li 18B2 | 18V | 5S/1P | 3,0 g | 36 Wh |
| 6 | Milwaukee: 48-11-1815; C18 B; M18 B Albion: 982-2 Other OEM: Li 18 | 18V | 5S/1P | 2,3 g | 27 Wh |
| 7 | Milwaukee: C14 BX; M14 BX Berner Trading: BBP 14.4V BTI Befestigungstechnik: 9048286 | 14.4V | 4S/2P | 3,6 g | 44 Wh |
| 8 | Milwaukee: C14 B; M14 B Berner Trading: BBP 14.4V BTI Befestigungstechnik: 9048282 | 14.4V | 4S/1P | 1,8 g | 22 Wh |
| 9 | Milwaukee: 48-11-2440; M12B4 | 12V | 3S/2P | 3,6 g | 48 Wh |
| 10 | Milwaukee: 48-11-2402; C12 BX; M12 BX Würth: 0700 913 630 Other OEM: Li 12BX | 12V | 3S/2P | 2,7 g | 36 Wh |
| 11 | Milwaukee: 48-11-2420; M12B2 | 12V | 3S/1P | 1,8 g | 24 Wh |
| 12 | Milwaukee: 48-11-2401; C12 B; M12 B Albion: 1004-3 Würth: 0700 913 615 Other OEM: Li 12B | 12V | 3S/1P | 1,4 g | 18 Wh |
| 13 | Milwaukee: 48-11-2001; M4B2 | 4V | 1S/1P | 0,6 g | 8 Wh |
| 14 | Milwaukee: 48-11-0490; V4 B | 4V | 1S/1P | 0,8 g | 12 Wh |

(Continued)

**MILWAUKEE ELECTRIC TOOL CORPORATION**

All Lithium ion batteries indicated above contain less than 8,0 grams Equivalent Lithium Content (ELC) and are rated less than 100 Watt-hours (Wh). Therefore, they may be shipped under various *exceptions* as described in current editions of relevant Dangerous Goods Regulations.

Applicable U.S. and international Dangerous Goods Regulations related to the transportation of Lithium ion batteries include, but may not be limited to, the following:

- **U.S. DOT Hazardous Material Regulations (HMR):** 49 CFR 172.102, [Special Provision 188](#)
- **Transport Dangerous Goods - Canada (TDG):** Schedule II, [Special Provision 34](#)
- **European Agreements ADR (road) and RID (rail):** [Special Provision 188](#)
- **Australian ADGC:** [Special Provision 188](#)
- **IATA DGR:** Packing Instructions 965, 966, 967, [Section II](#)
- **ICAO Technical Instructions:** Packing Instructions 965, 966, 967, [Section II](#)
- **IMDG Code:** [Special Provision 188](#)
- **UN Model Regulations:** [Special Provision 188](#)

UN test documentation for above Lithium ion batteries is maintained on file at Milwaukee Electric Tool Corporation headquarters in Brookfield, WI.

Sincerely,

A handwritten signature in black ink, appearing to read "gkschulz", is written over a light blue horizontal line.

Greg Schulz
Sr. Regulatory Coordinator

Milwaukee Electric Tool Corporation

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