

**ATTACHMENT TO TEST REPORT IEC 60745-1  
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

Hand-held motor-operated electric tools - Safety - Part 1: General requirements

Differences according to.....: EN 60745-1 : 2009

Attachment Form No.....: EU\_GD\_IEC60745\_1F

Attachment Originator .....: TÜV SÜD Product Service GmbH

Master Attachment.....: Date (2009-08)

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| <b>GENELEC COMMON MODIFICATIONS (EN)</b> |  |   |            |
|--|--|---|------------|
| <b>6</b>                                 | <b>ENVIRONMENTAL REQUIREMENTS</b>  |   | <b>P</b>   |
| 6.1                                      | Noise (Test according to § 6.1.1 – § 6.1.2.8)  |   | <b>P</b>   |
|  | Noise measurements .....   | See Report (3123562.50A)                                | <b>P</b>   |
| 6.1.2.9                                  | Declaration and verification of noise emission values  |   | <b>P</b>   |
|  | $L_{pA}$ [dB(A)] .....   | $L_{pA} = 86,0$ dB(A)                                   | <b>P</b>   |
|  | $K_{pA}$ [dB(A)] .....   | $K_{pA} = 3$ dB(A)                                      |            |
|  | $L_{pCpeak}$ (dB) .....  |   | <b>N/A</b> |
|  | $K_{pCpeak}$ (dB) .....  |   |            |
|  | $L_{WA}$ [dB(A)] .....   | $L_{WA} = 97,0$ dB(A)                                   | <b>P</b>   |
|  | $K_{WA}$ [dB(A)] .....   | $K_{WA} = 3$ dB(A)                                      |            |
| 6.2                                      | Vibration (Test according to § 6.2.1 – § 6.2.6)  |   | <b>P</b>   |
|  | Vibration measurements   | See Report (3123562.50A)                                | <b>P</b>   |
| 6.2.7.1                                  | Reported vibration value   |   | <b>P</b>   |
|  | Work mode - vibration emission value $a$ ( $m/s^2$ ).....:   | $a_{h, WB} = 19,6$ $m/s^2$<br>$a_{h, B} = 19,4$ $m/s^2$ | <b>P</b>   |
|  | Uncertainty $K$ ( $m/s^2$ ).....:  | 1,5   | <b>P</b>   |
| 6.2.7.2                                  | Declaration of the vibration emission value (instruction manual)   |   | <b>P</b>   |
|  | Work mode - vibration emission value $a$ ( $m/s^2$ ).....:   | $a_{h, WB} = 19,6$ $m/s^2$<br>$a_{h, B} = 19,4$ $m/s^2$ | <b>P</b>   |
|  | Uncertainty $K$ ( $m/s^2$ ).....:  | 1,5   | <b>P</b>   |
| <b>8</b>                                 | <b>MARKINGS AND INSTRUCTIONS</b>   |   | <b>-</b>   |
| 8.1                                      | Business name and address of the manufacturer and, where applicable, his authorised representative ..... | See Report (3123562.50A)                                | <b>—</b>   |
|  | Designation of the tool.....   | See Report (3123562.50A)                                | <b>—</b>   |
|  | Designation of series or type.....   | See Report (3123562.50A)                                | <b>—</b>   |
|  | Year of manufacture .....  | 2012  | <b>—</b>   |

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| 8.12        | <i>Additional:</i><br>The translations must be bear the words "Translation of the original instructions", and they must be accompanied by a copy of the "Original instructions".  |            | P   |
|             | <i>Replacement:</i><br>They include the business name and address of the manufacturer and, where applicable, his authorised representative. Any address are sufficient to ensure contact.   |            | P   |
|             | <i>Additional:</i><br>They include the designation of the tool and series or type as required by 8.1, including description of machine such as "drill", "planer" etc.   |            | P   |
| 8.12.2 (Za) | Emissions (EN 60745-1:2009)   |            | P   |
|             | 1) The noise emission according to 6.1.2.   |            | P   |
|             | 2) Recommendation for the operator to wear hearing protection.  |            | P   |
|             | 3) The vibration emission according to 6.2.   |            | P   |
|             | Vibration emission < 2.5 m/s <sup>2</sup> , stated in the instruction   |            | N/A |
|             | Vibration emission > 2.5 m/s <sup>2</sup> value given in the instruction  |            | P   |
|             | 4) The following information:   |            | P   |
|             | - that the declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another.  |            | P   |
|             | - that the declared vibration total value may also be used in a preliminary assessment of exposure.   |            | P   |
|             | 5) A warning:   |            | P   |
|             | - that the vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used; and   |            | P   |
|             | - of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time). |            | P   |
| <b>21</b>   | <b>CONSTRUCTION</b>   |            | -   |
| 21.Z1       | <i>Additional:</i><br>In normal use a dust hazard to health is expected following point must be fulfilled:  | See part 2 | N/A |
|             | a) Integral dust collection devices, or   |            | N/A |
|             | b) Devices, which allow the connection of external dust collection equipment, or  |            | N/A |

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|                | if not reasonably protected practicable, no dust is thrown in the direction of the operator.                                    |  | N/A |
| <b>ANNEX K</b> | <b>BATTERY TOOLS AND BATTERY PACKS</b>  |  | N/A |
| K.8.1          | <i>Replacement:</i><br>Battery tools are marked with:   |  | N/A |
|                | Rated voltage(s) or rated voltage range(s), (V)..... :  |  | —   |
|                | Symbol for nature of supply .....   |  | —   |
|                | Business name and address of the manufacturer and, where applicable, his authorised representative .....                        |  | —   |
|                | Designation of the tool..... :  |  | —   |
|                | Designation of series or type..... :  |  | —   |
|                | Year of manufacture .....   |  | —   |
|                | Detachable or separable battery packs are marked with:  |  | N/A |
|                | Rated voltage(s) or rated voltage range(s), (V)..... :  |  | —   |
|                | Symbol for nature of supply .....   |  | —   |
|                | Name or trade mark or identification mark of the manufacturer or responsible vendor .....                                       |  | —   |
|                | Model or type reference .....   |  | —   |
|                | Manufacturer's address or country of origin .....   |  | —   |
|                | Additional markings not leading to misunderstanding permitted..... :  |  | N/A |
| <b>ANNEX L</b> | <b>BATTERY TOOLS AND BATTERY PACKS PROVIDED WITH MAINS CONNECTION OR NON-ISOLATED SOURCES</b>                                   |  | N/A |
| L.8.1          | <i>Replacement:</i><br>Tools that can be supplied directly from the mains shall be marked with the following.                   |  | N/A |
|                | In the case of tools supplied directly from the mains, these markings shall include those for both mains and battery operation: |  | N/A |
|                | Rated voltage(s) or rated voltage range(s), (V)..... :  |  | —   |
|                | Symbol for nature of supply .....   |  | —   |
|                | Rated input, (W) or rated current (A) .....   |  | —   |
|                | Business name and address of the manufacturer and, where applicable, his authorised representative .....                        |  | —   |
|                | Designation of the tool..... :  |  | —   |
|                | Designation of series or type..... :  |  | —   |
|                | Symbol for class II .....   |  | —   |
|                | Year of manufacture..... :  |  | —   |
|                | Non-isolated sources that can supply a tool are marked with the following:  |  | N/A |
|                | Rated voltage(s) or rated voltage range(s), (V)..... :  |  | —   |

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|           | Symbol for nature of supply .....   |  | —   |
|           | Rated input, (W) or rated current (A) .....   |  | —   |
|           | Name or trade mark or identification mark of the manufacturer or responsible vendor .....                     |  | —   |
|           | Model or type reference .....   |  | —   |
|           | Symbol for class II .....   |  | —   |
|           | Manufacturer's address or country of origin .....   |  | —   |
| L.8.1.201 | <i>Replacement:</i><br>Tools, other than those that can be supplied directly from the mains, are marked with: |  | N/A |
|           | Rated voltage(s) or rated voltage range(s), (V).....  |  | —   |
|           | Symbol for nature of supply .....   |  | —   |
|           | Business name and address of the manufacturer and, where applicable, his authorised representative .....      |  | —   |
|           | Designation of the tool.....  |  | —   |
|           | Designation of series or type.....  |  | —   |
|           | Year of manufacture .....   |  | —   |
|           | Detachable or separable battery packs are marked with:  |  | N/A |
|           | Rated voltage(s) or rated voltage range(s), (V).....  |  | —   |
|           | Symbol for nature of supply .....   |  | —   |
|           | Name or trade mark or identification mark of the manufacturer or responsible vendor .....                     |  | —   |
|           | Model or type reference .....   |  | —   |
|           | Manufacturer's address or country of origin .....   |  | —   |
|           | Additional markings not leading to misunderstanding permitted.....  |  | N/A |

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| <b>ZB</b> | <b>ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN)</b> | <b>N/A</b> |
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| <b>ZC</b> | <b>ANNEX ZC, NATIONAL DEVIATIONS (EN)</b> | <b>N/A</b> |
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