


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>26751</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p style="text-align: center;">Cummins Ltd</p> <p style="text-align: center;">Issue No: 003 Issue date: 14 March 2025</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"> Laboratory Operations – Darlington Centenary House Yarm Road Darlington DL1 4PW United Kingdom </td><td style="width: 50%;"> Contact: No Commercial Enquires </td></tr> </table>	Laboratory Operations – Darlington Centenary House Yarm Road Darlington DL1 4PW United Kingdom	Contact: No Commercial Enquires
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Testing performed at the above address only			

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Power Technology On-road and Off-road Diesel Engines and Associated After treatment systems	Certification Testing Power 0 to 500 kW Gaseous Emissions NO _x , 0-1800ppm NO 0-1800ppm CO 0-5000ppm CO ₂ 0-160000ppm THC 0-200ppm NH ₃ 0-10 ppm Humidity 0-3.2kPa Smoke Opacity 0-100% Particulate mass 0-100mg PN23 0-10000 p/cm ³ Current 0-10A	Documented In-House Methods referenced within Quality Manual, Customer Procedures and International Standards Using CEDA (Cummins Engine Data Analysis) UNECE Reg 49.07 Emission of gaseous and particulate pollutants from compression-ignition engines for use in vehicles UNECE Reg 24.03 I. The approval of compression ignition (C.I.) engines with regard to the emission of visible pollutants II. The approval of motor vehicles with regard to the installation of C.I. engines of an approved type III. The approval of motor vehicles equipped with C.I. engines with regard to the emission of visible pollutants by the engine IV. The measurement of power of C.I. engines



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Power Technology On-road and Off-road Diesel Engines and Associated After treatment systems	<p>Voltage 0-24V</p> <p>General Development -Cycling and endurance tests, properties measured for all specifications / techniques including Certification Testing</p> <p>Temperature</p> <p>0 – 155°C RTD Class B 0 – 200°C RTD Class 1/10 0 - 800°C Type K</p> <p>Pressure</p> <p>80 - 120 kPa (a) 50 -150 kPa (a) 80 - 120 kPa (g) 0 - 600 kPa (g) 0 - 1000 kPa (g) -30 to 30 kPa (g) 0 - 1200 kPa (g)</p> <p>200-500 kPa (diff) - 5 -50 kPa (diff)</p> <p>Speed</p> <p>0 to 3000 rpm</p>	<p>UNECE Reg 85.01 internal combustion engines or electric drive trains intended for the propulsion of motor vehicles of categories M and N with regard to the measurement of net power and the maximum 30 minutes power of electric drive trains</p> <p>EC Reg 595/2009 as amended by 2019/1242 & 582/2011 as amended by 2022/2383</p> <p>EC Reg 595/2009 & 2017/2400 as amended by 2022/1379 (HD CO2 Determination)</p> <p>Test Standard – High Level Requirements</p> <p>98023 Medium (MD) and Heavy (HD) Duty Rev 49</p> <p>Medium Duty (MD) Procedures</p> <p>98434 Rev 05 98340 Rev 27 98026 Rev 20 98118 Rev 11 98224 Rev 08 98436 Rev 02 98439 Rev 00 98122 Rev 13 14246 Rev 17 14318 Rev 09 98104 Rev 19 98405 Rev 03 98430 Rev 06 EP 52939 Rev 6.3 EP 87865 Rev 8.2</p>



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Power Technology On-road and Off-road Diesel Engines and Associated After treatment systems (cont'd)	<p>(Continued from previous page) Torque</p> <p>0 to 934 Nm Regen 0 to 2500 Nm Regen 0 to 2000 Nm Eddy Current 0 to 4100 Nm Eddy Current</p> <p>Fuel Flow 0 to 125 Kg/hr</p> <p>Air Flow 0 to 30000 l/min</p>	<p>Documented In-House Methods referenced within Quality Manual, Customer Procedures and International Standards</p> <p>(Continued from previous page) Heavy Duty (HD) Procedures</p> <p>98434 Rev 05 98436 Rev 02 98439 Rev 00 98122 Rev 13 14246 Rev 17 14318 Rev 09 98104 Rev 19 98405 Rev 03 98430 Rev 06 EP 52939 Rev 6.3 EP 87865 Rev 8.2 98428 Rev 06 98426 Rev 14</p>
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