

<b>Title:</b>	<b>THE NON-ROAD MOBILE MACHINERY (NRMM) REGULATIONS 2018</b>		
<b>Priority</b>		Amber – Audit Rating: N/A.	
<b>Legislation:</b>	NRMM 2018		
<b>Brief Description:</b>	<p>The revised European type approval testing regime for engines to be fitted in Non-Road Mobile Machinery (NRMM), and in particular to create penalties for non-compliance with the requirements or for misconduct during the type approval process. This includes making the supply of machinery fitted with defeat strategies an offence.</p> <p><b>CAUTION: Along-side the push for less polluting engines there are also growing restrictions upon the engine types allowed in certain sites / cities / areas (E.g. London - Low Emission Zone - see below).</b></p>		
<b>Equipment Affected:</b>	Vehicles, Plant, Tools & Equipment with small diesel engines (below 19kW, approx. 700cc) and medium and large petrol engines (over 19kW) and Stage V engines.		
<p>The Non-Road Mobile Machinery (Type-approval and Emission of Gaseous and Particulate Pollutants) Regulations 2018 (2018 No. 764) implement Regulation (EU) 2016/1628 of the European Parliament on requirements relating to gaseous and particulate pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery.</p> <p>In particular they create penalties for non-compliance with the requirements or for misconduct during the type approval process. This includes making the supply of machinery fitted with defeat strategies an offence.</p> <p><b>The major changes:</b></p> <ul style="list-style-type: none"> <li>• The introduction of new more stringent “Stage V” limits on gaseous emissions (including nitrogen oxides or NOx) and particulate matter.</li> <li>• The scope has been widened in order to cover very small diesel engines (below 19kW, approx. 700cc) and medium and large petrol engines (over 19kW).</li> </ul> <p>Non-road mobile machinery (NRMM) is defined as any mobile machine, item of transportable industrial equipment, or vehicle - with or without bodywork - that is:</p> <ul style="list-style-type: none"> <li>• not intended for carrying passengers or goods on the road</li> <li>• installed with a combustion engine - either an internal spark ignition (SI) petrol engine, or a compression ignition (CI) diesel engine</li> </ul> <p><i>NOTE: Examples of non-road mobile machinery include, but are not limited to: garden equipment, such as hedge trimmers, hand-held chainsaws, generators, bulldozers, pumps, construction machinery, industrial trucks, forklifts, mobile cranes, MEWPs, etc.</i></p>			
<b>London - Low Emission Zone</b>		<b>LOLER &amp; PUWER Apply</b>	
<p>There are two sets of standards active since 1st September 2015: Greater London, and the Central Activity Zone (CAZ) and Canary Wharf.</p> <p>All NRMM these standards apply to, must conform to a set EU Engine Emissions Stage or have an exemption issued by the Greater London Authority. Other users of NRMM, such as people undertaking roadworks, are encouraged to meet the standards and may use the register to show that they are compliant.</p>			

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There are tighter engine emissions standards for developments that fall within the Central Activity Zone (CAZ) and Canary Wharf ([View map](#)).

**From the 1st September 2020 tighter standards apply across Greater London, the CAZ and Canary Wharf, and all developments must use this site to record NRMM usage**

Major developments are defined in the Town and Country Planning (Development Management Procedure) (England) Order 2010 as residential developments of 10 dwellings or more (or, where the number is not given, 0.5 ha or more); and for all other uses, a floor space 1000 m<sup>2</sup> or more or a site area 1 ha or more. The site area is that directly involved in some aspect of the development. Floor space is defined as the sum of floor area within the building measured externally to the external wall faces at each level. Basement car parks, rooftop plant rooms, caretakers flats etc. should be included in the floor space figure.

Where the appropriate standard of machine is not available a Viability Exemption may be sought.

<ol style="list-style-type: none"> <li>Major Development Sites within Greater London NRMM used on the site of any major development within Greater London will be required to meet <b>Stage IIIA</b> of EU Directive 97/68/EC</li> <li>Any development site within the Central Activity Zone or Canary Wharf NRMM used on any site within the Central Activity Zone or Canary Wharf will be required to meet <b>Stage IIIB</b> of EU Directive 97/68/EC</li> </ol>	<p>From the 1st September <b>2015</b></p>
<ol style="list-style-type: none"> <li><b>Any development site within Greater London</b> NRMM used on any site within Greater London will be required to meet <b>Stage IIIB</b> of EU Directive 97/68/EC</li> <li><b>Any development site within the Central Activity Zone or Canary Wharf</b> NRMM used on any site within the Central Activity Zone or Canary Wharf will be required to meet <b>Stage IV</b> of EU Directive 97/68/EC</li> </ol>	<p>From the 1st September <b>2020</b></p>
<p><b>References:</b></p> <p>2018 No. 764 ENVIRONMENTAL PROTECTION - The Non-Road Mobile Machinery (Type-Approval and Emission of Gaseous and Particulate Pollutants) Regulations 2018:</p> <p>Explanatory Memorandum To The Non-Road Mobile Machinery (Type-approval And Emission Of Gaseous And Particulate Pollutants) Regulations 2018:</p> <p>London's 'Low Emission Zone' for Non-Road Mobile Machinery website:</p>	<p><a href="http://www.legislation.gov.uk/ukxi/2018/764/pdfs/ukxi_20180764_en.pdf">http://www.legislation.gov.uk/ukxi/2018/764/pdfs/ukxi_20180764_en.pdf</a></p> <p><a href="http://www.legislation.gov.uk/ukxi/2018/764/pdfs/ukxiem_20180764_en.pdf">http://www.legislation.gov.uk/ukxi/2018/764/pdfs/ukxiem_20180764_en.pdf</a></p> <p><a href="http://www.nrmm.london/">http://www.nrmm.london/</a></p>
<p><b>Recommended Actions:</b></p>	<p>Review existing fleet to identify equipment which might be prevented from going into certain cities / sites due to their engine / emissions.</p> <p>Review machine and customer base prior to purchasing any vehicles, tools, plant and equipment taking into account both the new regulations and pollution / emission restrictions.</p>
<p><b>Circulation:</b></p>	<p>Sales / site representatives and management team.</p>

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