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STATUTORY INSTRUMENTS

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**2005 No. 3525**

**ENVIRONMENTAL PROTECTION**

**The Noise Emission in the Environment by Equipment  
for Use Outdoors (Amendment) Regulations 2005**

*Made* - - - - 29th December 2005  
*Laid before Parliament* 30th December 2005  
*Coming into force* - - 3rd January 2006

The Secretary of State, being a Minister designated<sup>(1)</sup> for the purposes of section 2(2) of the European Communities Act 1972<sup>(2)</sup> in relation to measures relating to noise emission in the environment by equipment for use outdoors, in exercise of the powers conferred on him by that section, makes the following Regulations:

**Citation and commencement**

1. These Regulations may be cited as the Noise Emission in the Environment by Equipment for Use Outdoors (Amendment) Regulations 2005 and shall come into force on 3rd January 2006.

**Amendment to the Noise Emission in the Environment by Equipment for Use Outdoors Regulations 2001**

2. The Noise Emission in the Environment by Equipment for Use Outdoors Regulations 2001<sup>(3)</sup> are amended by substituting for the table in Schedule 3 the table set out in the Schedule to these Regulations.

29th December 2005

*Malcolm Wicks*  
Minister for Energy  
Department of Trade and Industry

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(1) S.I. 2001/3238.  
(2) 1972 c. 68.  
(3) S.I. 2001/1701 as amended by S.I. 2001/3958.

**Status:** This is the original version (as it was originally made).

## SCHEDULE

Regulation 2

Type of equipment	Net installed power $P$ (in kW)	Permissible sound power level in dB/1 pW	
		Stage I as from 3 January 2002	Stage II as from 3 January 2006
	Electric power $P_{el}$ <sup>a</sup> in kW		
	Mass of appliance $m$ in kg		
	Cutting width $L$ in cm		
Compaction machines (vibrating rollers, vibratory plates, vibratory rammers)	$P \leq 8$ $8 < P \leq 70$ $P > 70$	108 109 $89 + 11 \lg P$	$105^b$ $106^b$ $86 + 11 \lg P^b$
Tracked dozers, tracked loaders, tracked excavator- loaders	$P \leq 55$ $P > 55$	106 $87 + 11 \lg P$	$103^b$ $84 + 11 \lg P^b$
Wheeled dozers, wheeled loaders, wheeled excavator-loaders, dumpers, graders, loader-type landfill compactors, combustion- engine driven counterbalanced lift trucks, compaction machines (non-vibrating rollers), paver-	$P \leq 55$ $P > 55$	104 $85 + 11 \lg P$	$101^b$ $82 + 11 \lg P^b$
<b>a</b>	$P_{el}$ for welding generators: conventional welding current multiplied by the conventional load voltage for the lowest value of the duty factor given by the manufacturer. $P_{el}$ for power generators: prime power according to ISO 8528-1:1993, clause 13.3.2.		
<b>b</b>	For the following types of equipment the figures for Stage I shall continue to apply for Stage II— Walk-behind vibrating rollers; Vibratory plates (>3 kW); Vibratory rammers; Dozers (steel tracked); Loaders (steel tracked >55 kW); Combustion-engine driver counterbalanced lift trucks; Compacting screed paver-finishers; and Hand-held internal combustion-engine concrete-breakers and picks ( $15 < m < 30$ ).		
<b>c</b>	For single engine mobile cranes the figures for Stage I shall continue to apply until 3rd January 2008. After that date, Stage II figures shall apply.		

Type of equipment	Net installed power $P$ (in kW)	Permissible sound power level in dB/1 pW	
		Stage I as from 3 January 2002	Stage II as from 3 January 2006
	Electric power $P_{el}$ <sup>a</sup> in kW		
	Mass of appliance $m$ in kg		
	Cutting width $L$ in cm		
finishers, hydraulic power packs			
Mobile cranes	$P \leq 55$	104	101 <sup>c</sup>
	$P > 55$	$85 + 11 \lg P$	$82 + 11 \lg P$ 101 <sup>c</sup>
Excavators, builders' hoists for the transport of goods, construction winches, motor hoes	$P \leq 15$	96	93
	$P > 15$	$83 + 11 \lg P$	$80 + 11 \lg P$
Hand-held concrete- breakers and picks	$m \leq 15$	107	105
	$15 < m < 30$	$94 + 11 \lg m$	$92 + 11 \lg m$ <sup>b</sup>
	$m \geq 30$	$96 + 11 \lg m$	$94 + 11 \lg m$
Tower cranes		$98 + 1 \lg P$	$96 + 1 \lg P$
Welding and power generators	$P_{el} \leq 2$	$97 + 1 \lg P_{el}$	$95 + 1 \lg P_{el}$
	$2 < P_{el} \leq 10$	$98 + 1 \lg P_{el}$	$96 + 1 \lg P_{el}$
	$10 > P_{el}$	$97 + 1 \lg P_{el}$	$95 + 1 \lg P_{el}$
Compressors	$P \leq 15$	99	97
	$P > 15$	$97 + 2 \lg P_{el}$	$95 + 2 \lg P_{el}$
Lawnmowers, lawn trimmers/lawn-edge trimmers	$L \leq 50$	96	96
	$50 < L \leq 70$	100	98

**a**  $P_{el}$  for welding generators: conventional welding current multiplied by the conventional load voltage for the lowest value of the duty factor given by the manufacturer.  $P_{el}$  for power generators: prime power according to ISO 8528-1:1993, clause 13.3.2.

**b** For the following types of equipment the figures for Stage I shall continue to apply for Stage II—  
Walk-behind vibrating rollers;  
Vibratory plates (>3 kW);  
Vibratory rammers;  
Dozers (steel tracked);  
Loaders (steel tracked >55 kW);  
Combustion-engine driver counterbalanced lift trucks;  
Compacting screed paver-finishers; and  
Hand-held internal combustion-engine concrete-breakers and picks ( $15 < m < 30$ ).

**c** For single engine mobile cranes the figures for Stage I shall continue to apply until 3rd January 2008. After that date, Stage II figures shall apply.

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Type of equipment	Net installed power $P$ (in kW)	Permissible sound power level in dB/1 pW	
		Stage I as from 3 January 2002	Stage II as from 3 January 2006
	Electric power $P_{el}$ <sup>a</sup> in kW		
	Mass of appliance $m$ in kg		
	Cutting width $L$ in cm		
	$70 < L \leq 120$	100	100
	$L > 120$	105	105

The permissible sound power level shall be rounded up or down to the nearest integer number (less than 0.5, use lower number; greater than or equal to 0.5, use higher number).

- a**  $P_{el}$  for welding generators: conventional welding current multiplied by the conventional load voltage for the lowest value of the duty factor given by the manufacturer.  $P_{el}$  for power generators: prime power according to ISO 8528-1:1993, clause 13.3.2.
- b** For the following types of equipment the figures for Stage I shall continue to apply for Stage II—  
Walk-behind vibrating rollers;  
Vibratory plates (>3 kW);  
Vibratory rammers;  
Dozers (steel tracked);  
Loaders (steel tracked >55 kW);  
Combustion-engine driver counterbalanced lift trucks;  
Compacting screed paver-finishers; and  
Hand-held internal combustion-engine concrete-breakers and picks ( $15 < m < 30$ ).
- c** For single engine mobile cranes the figures for Stage I shall continue to apply until 3rd January 2008. After that date, Stage II figures shall apply.

## EXPLANATORY NOTE

*(This note is not part of the Regulations)*

These Regulations amend the Noise Emission in the Environment by Equipment for Use Outdoors Regulations 2001 (S.I.2001/1701), as amended by S.I. 2001/3958.

These Regulations implement European Parliament and Council Directive 2005/88/EC (OJNo. L344, 27.12.2005, p44) which amends European Parliament and Council Directive 2000/14/EC (OJ No. L162, 3.7.2000, p1) on the approximation of the laws of the Member States relating to the noise emission in the environment by equipment for use outdoors.

The table in these Regulations amends the sound power limits for the following categories of equipment—

- walk-behind vibrating rollers;

- vibratory plates (>3 kW);
- vibratory rammers;
- dozers (steel tracked);
- loaders (steel tracked >55 kW);
- combustion-engine driven counterbalanced lift trucks;
- compacting screed paver-finishers;
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30); and
- single engine mobile cranes.

A Regulatory Impact Assessment and a Transposition Note have been prepared. Copies can be obtained from the Department of Trade and Industry, Standards and Technical Regulations Directorate, 151 Buckingham Palace Road, London SW1W 9SS, telephone 020 7215 5000. Copies have also been placed in the libraries of both Houses of Parliament.