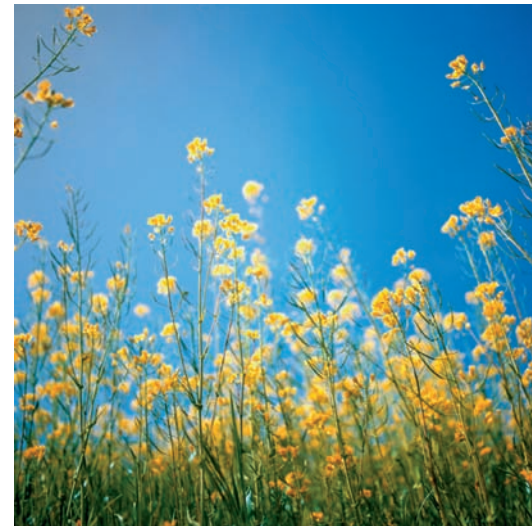




# Off-Highway Emissions Guide



Think of your world...  
choose Perkins

# Perkins working towards a better future

Perkins' dedicated team of emissions experts has produced this high-level reference manual to provide you with an overview of worldwide emissions regulations.

There is a rising emphasis being placed on reducing emissions of machines for the benefit of operators and the general working environment. As emissions requirements set by authorities around the world become increasingly stringent, Perkins is investing millions of pounds in the development of engines capable of meeting and exceeding these targets.

Perkins Technology department are world experts in emission reduction technologies on engines such that the latest generations of Perkins products (400 Series, 800 Series and 1100 Series) are benchmarks for the industry.

Whatever your emissions or performance requirements in industrial, construction, agricultural, or electrical power markets, Perkins will undoubtedly have a solution. By choosing Perkins, you can be assured that your choice will always be the right one.

If you would like to know more about Perkins' product ranges and how they comply with worldwide emissions legislations, please refer to our product specific brochures or speak to a Perkins representative.

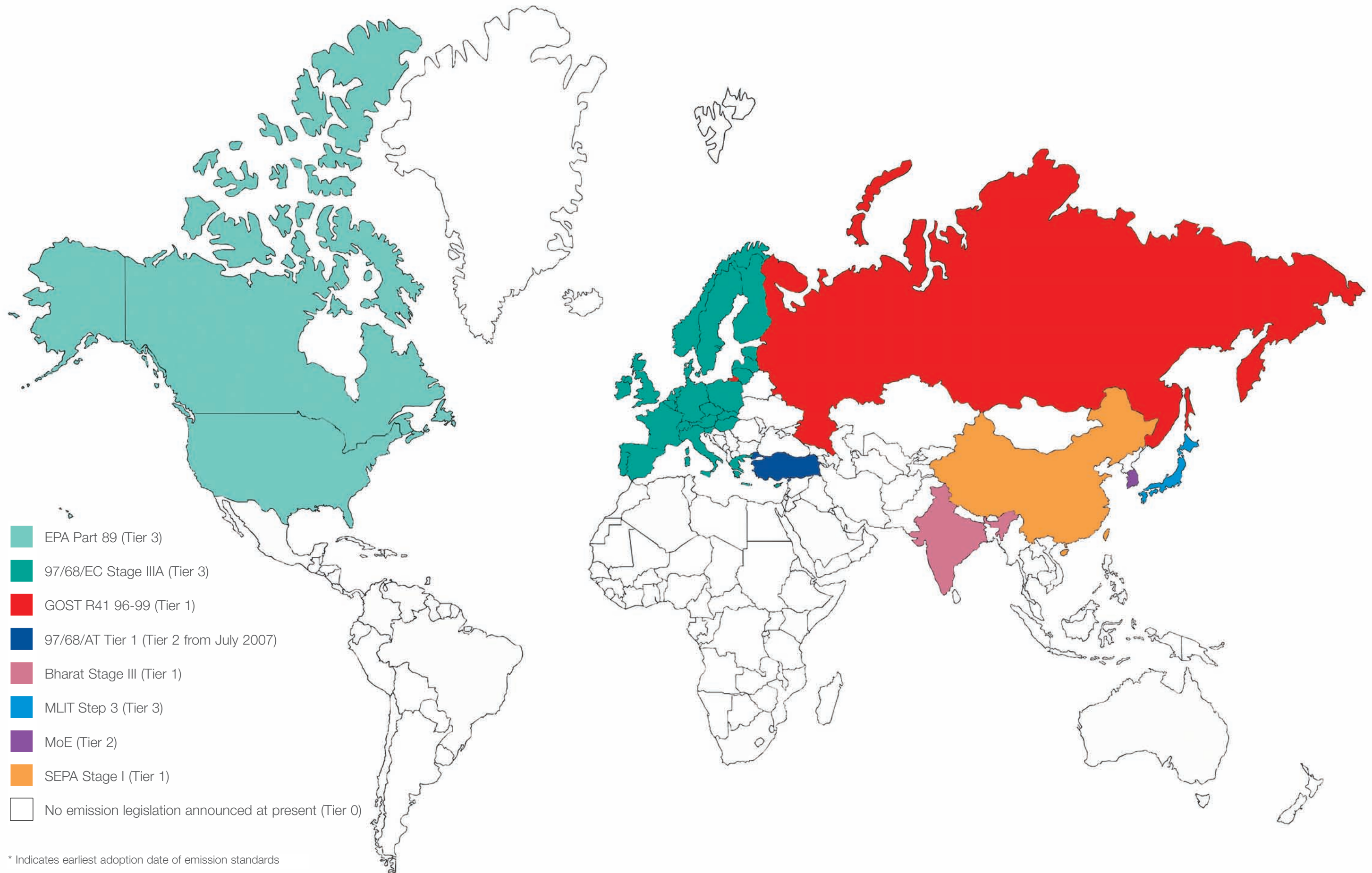
Tier 0	Tier 1	Tier 2	Tier 3
1103A 1104A 1006			
1103B			
		1103C 1104C 1106C 800C 400C	
		1103D 1104D 1106D 800D 400D	

## Emissions Legislation by Territory by 1 January 2006

Territory	Regulation	EPA 'Tier' Equivalent	States within Territory
North America	<a href="#">EPA Part 89 Tier 3</a>	Tier 3	USA Canada
European Union	<a href="#">97/68/EC Stage IIIA</a>	Tier 3	Austria Belgium Cyprus Czech Republic Denmark Estonia France Finland Germany Greece Hungary Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Poland Portugal Spain Slovakia Slovenia Sweden UK

Territory	Regulation	EPA 'Tier' Equivalent	States within Territory
Norway	<a href="#">97/68/EC Stage IIIA</a>	Tier 3	
Switzerland	<a href="#">97/68/EC Stage IIIA</a>	Tier 3	
Russia	<a href="#">GOST R41 96-99</a>	Tier 1	
Turkey	<a href="#">97/68/AT</a>	Tier 1 (Tier 2 from July 2007)	
India	<a href="#">Bharat Stage III</a>	Tier 1	
Japan	<a href="#">MLIT Step 3</a>	Tier 3	
South Korea	<a href="#">MoE Tier 2</a>	Tier 2	
China	<a href="#">SEPA Stage I</a>	Tier 1	
ROW	<b>Non Legislated</b>	Tier 0	Various

# Emissions Legislation by Territory - 1 January 2006\*



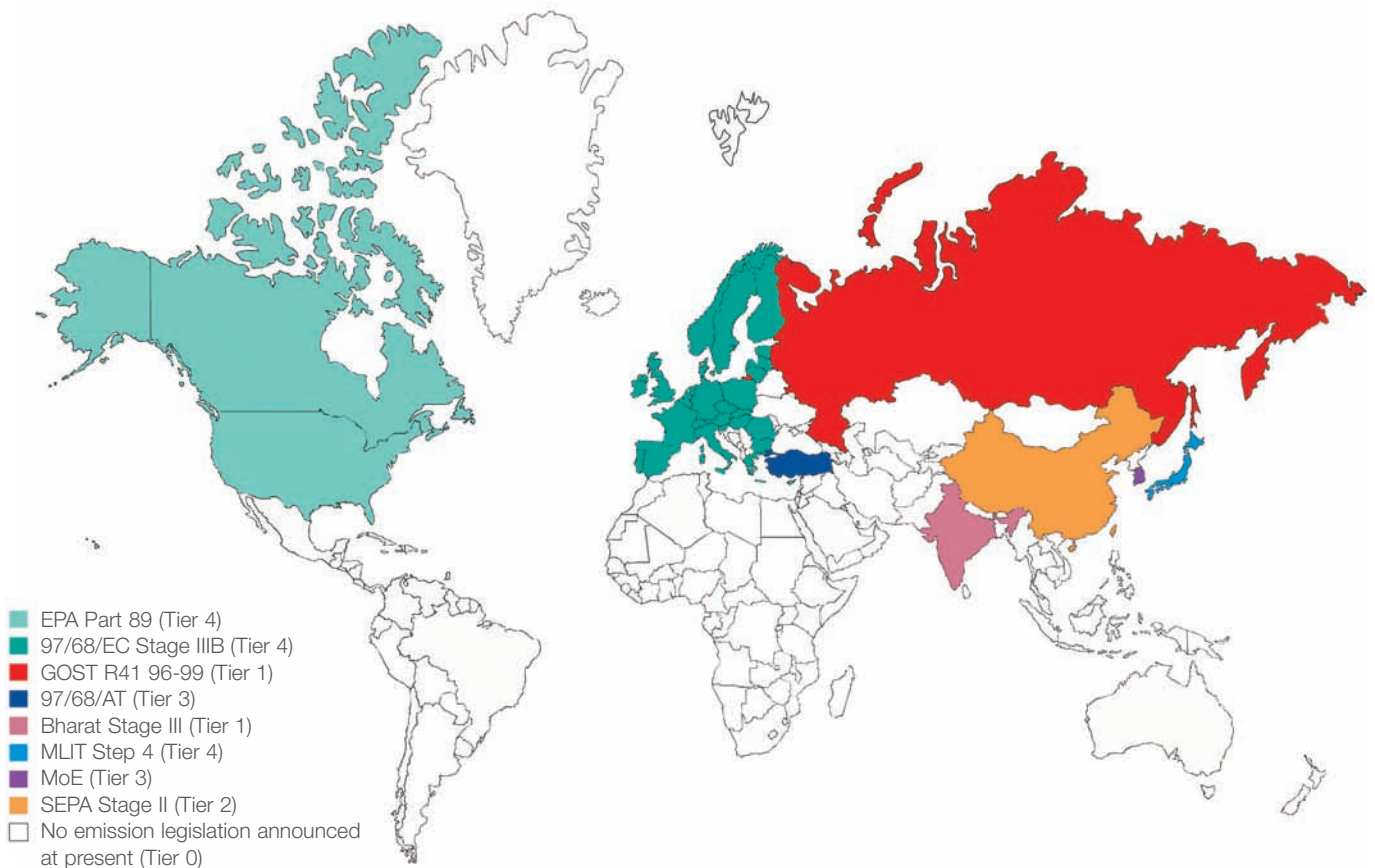


# Emissions Legislation by Territory - 1 January 2011

Territory	Regulation	EPA 'Tier' Equivalent	States within Territory
North America	<a href="#">EPA Part 89 Tier 4</a>	Tier 4	USA Canada
European Union	<a href="#">97/68/EC Stage IIIB</a>	Tier 4	Austria Belgium Bulgaria* Cyprus Czech Republic Denmark Estonia France Finland Germany Greece Hungary Ireland Italy Latvia Lithuania Luxembourg

Territory	Regulation	EPA 'Tier' Equivalent	States within Territory
European Union	<a href="#">97/68/EC Stage IIIB</a>	Tier 4	Malta Netherlands Poland Portugal Romania* Spain Slovakia Slovenia Sweden UK
Norway	<a href="#">97/68/EC Stage IIIB</a>	Tier 4	
Switzerland	<a href="#">97/68/EC Stage IIIB</a>	Tier 4	
Russia	<a href="#">GOST R41 96-99</a>	Tier 1	
Turkey	<a href="#">97/68/AT</a>	Tier 3	
India	<a href="#">Bharat Stage III</a>	Tier 1	
Japan	<a href="#">MLIT Step 4</a>	Tier 4	
South Korea	<a href="#">MoE Tier 3</a>	Tier 3	
China	<a href="#">SEPA Stage II</a>	Tier 2	
ROW	<b>Non Legislated</b>	Tier 0	Various

\* Subject to accession to EU



This is based on latest information and is subject to change.

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