Global Trends in Motor Vehicle Pollution Control: Future Challenges For Developing Countries

> SIAT 2003 Pune, India January 2003















































VEHICLE EMISSION NORMS				IEEL	ERS		
2- WHEELER	MASS EMIS	SION S	STAN	DAR	DS O	FASIAN	COUNTRIES,g/km
COUNTRY	VEHICLES	YEAR	CO	HC	NOx	HC+NOx	REMARKS
INDIA	ALL 2W	2000	2			2	IDC
	ALL 2W	2005	1.5			1.5	IDC, DF of 1.2
INDONESIA	ALL 2W	2001	12			10	
		2007	5			3	
NEPAL	ALL 2W	1999	2			2	
PRC, CHINA	MOPEDS	2001	6			3	ECE R 47
	MOPEDS	2005	1			1.2	ECE R 47
	M/CY, 2S	2002	8	4	0.1		ECE R 40
	M/CY, 4S	2002	13	3	0.3		ECE R 40
BEIJING	ALL 2W	2003	4.5			3	ECE R 40
	ALL 2W	2004	3.5			2	ECE R 40
TAIPEI, CHINA	< 700 CC	2002	3.5			2	CNS 11386
	<700cc,2S	2004	7			1	COLD START
	<700cc,4S	2004	7			2	COLD START
THAILAND	ALL 2W	2001	4.5			3	
	<110cc	2003	3.5			2	
	>110cc	2004	3.5			2	
VIET NAM	M/CYCLES	2004	4.5			3	
	M/CYCLES	2007	3.5			2	
	MOPEDS	2004	6			3	
	MOPEDS	2007	1			1.2	Source:











































I/M Critically Important









