

Table 3: Question 5 to Questionnaire 2010 Compliance, for Sweden

Mobile source category	Emission limit values (unit: mg/km ³ , g/km ³ , mg/kWh ³ or g/kWh ³)						Date	National legislation
	Petrol (Positive Ignition)			Diesel (Compr. Ignition)			Intro from	(Swedish Statute Code No. L=Law, O=Ordinance, SJÖFS=Agency Regulation)
	NO _x	VOC	VOC+NO _x	NO _x	VOC	VOC+NO _x		
1. Road vehicles								
(a) Passenger cars [#] Euro 6	60	100	-	80	-	170	1.01.2011	L:2001:1080. O:2001:1085.
(b) Light commercial vehicles [#] Euro 5								implementing EU-Reg 715/2007/EC, OJ L171, 29.6.2007, p. 1.
N _I Class I	0.08	0.1	-	0.25	-	0.30	1.01.2007	
N _I Class II	0.10	0.13	-	0.33	-	0.39	1.01.2007	
N _I Class III	0.11	0.16	-	0.39	-	0.46	1.01.2007	
(c) Heavy-duty vehicles								impl. EU-Reg 595/2009/EC, OJ L188, 18.7.2009, p.1.
Euro V# (VOC as NMHC) (ETC test cycle)	-	-	-	2.0	0.55	-	1.10.2009	
Euro VI [#] (VOC for PI as NMHC) (ETC test cycle)	400	160	-	400	160	-	1.1.2014	
(d) Motorcycles [#]								impl. EU-Dir 97/24/EC, am. 2002/51/EC, OJ L252, 20.9.2002, p. 20.
<150 cm ³	0.15	0.8	-	0.15	0.8	-	1.01.2007	
≥150 cm ³	0.15	0.3	-	0.15	0.3	-	1.01.2007	
3- and 4- wheelers	0.4	1.5	-	0.65	1.0	-	1.07.2004	
(e) Mopeds [#]								Dir 97/24/EC, OJ L 226, 18.8.1997, p. 1.
2-wheelers	-	-	1.2	-	-	1.2	17.06.2002	
3- and 4-wheelers	-	-	2.4	-	-	2.4	17.06.2002	
(f) Tractors (agricultural and forestry) (engines)						See 2.		EU-Dir 2000/25/EC
2. Non-road engine appl.: agricultural, mobile industrial and construction machinery								L: 1998:1707. O:1998:1709.
<18 kW: SH; <20/20-50/>50 [#]	-	-	50/50/72	-	-	-	2008/2008/2009	EU-Dir 97/68/EC, am. EU-Dir 2002/88/EC, OJ L 35, 11.2.2002, p.28.
≤18 kW: SN; <66/66-100/100-225/>225 ml cyl vol [#]	-	-	50/40/16.1/12.1	-	-	-	2005/2005/2008/2007	
19≤ kW ≤37 [#]	-	-	-	-	-	7.5	31.12.2006	EU-Dir 97/68/EC, am. EU-Dir 2004/26/EC, OJ L 225, 25.6.2004, p.3.
37≤ kW ≤75 [#]	-	-	-	-	-	4.7	31.12.2007	
75≤ kW ≤130 [#]	-	-	-	-	-	4.0	31.12.2006	
130≤ kW ≤560 [#]	-	-	-	-	-	4.0	31.12.2005	
3. Other mobile sources								L: 1998:1707. O:1998:1709. impl. EU-Dir 97/68/EC, am. Dir 2004/26/EC, OJ L 225, 25.6.2004, p.3.
(a) Rail transport								
Self-propelled rail cars [#]	-	-	-	-	-	4.0	31.12.2005	
Locomotives								
130< kW <560	-	-	-	-	-	4.0	31.12.2006	
>560 kW	-	-	-	6.0	0.5	-	31.12.2008	
>2000 kW and >5 l/cyl	-	-	-	7.4	0.4	-	31.12.2008	
(b) Ships & other marine craft								
Recreational craft (VOC=A+B/P [#])								SJÖFS 2005:4, EU-Dir 94/25/EC
2 stroke [#]	10	A=30, B=100, n=0.75		9.8	A=1.5, B=2, n=0.5	-	1.01.2005	
4 stroke [#]	15	A=6, B=50, n=0.75				-	1.01.2005	
Inland shipping	-	-		-	-	-	-	[No inland waterways in SE.]
(c) Aircraft	-	-		-	-	-	-	-