



**Report of the Secretariat
to the status of work within ISO/TC 70/SC 8**

2010-04-20
NIT/Hdg/Pö

1. Constitution of ISO/TC 70/SC 8

1.1 Chairman and Secretary

Chairman: Mr H J Stein, Daimler, Germany

Secretary: Mr Martin Nitsche, DIN/VDMA, Germany

1.2 P- and O-members

The following lists "P" (Participating) and "O" (Observer) Member Bodies of SC 8

Country	Member	P-Member	O-Member
Austria	(ON)	X	
Belgium	(IBN)		X
Brazil	(ABNT)		X
China	(CSBTS)	X	
France	(AFNOR)	X	
Germany	(DIN)	X	
India	(BIS)	X	
Italy	(UNI)	X	
Japan	(JISC)	X	
Korea	(KATS)	X	
Poland	(PKN)		X
Romania	(ASRO)		X
Russian Federation	(GOST R)	X	
Slovakia	(UNMS)		X
Spain	(AENOR)		X
Sweden	(SIS)		X
Switzerland	(SNV)	X	
Thailand	(TISI)		X
United Kingdom	(BSI)	X	
USA	(ANSI)	X	
Total	20	12	8

1.3 Liaisons

1.3.1 ISO

ISO/TC 8	Shipbuilding and Marine Structures
ISO/TC 22	Road vehicles
ISO/TC 22/SC 5	Road vehicles — Engine tests
ISO/TC 23	Tractors and machinery for agriculture and forestry
ISO/TC 28	Petroleum products and lubricants
ISO/TC 110	Industrial trucks
ISO/TC 110/SC 2	Industrial trucks — Safety of powered industrial trucks
ISO/TC 127	Earth-moving machinery
ISO/TC 146/SC 1	Stationary Source Emissions
ISO/TC 188	Small craft

1.3.2 International-Organisations

CIMAC	International Council on Combustion Engines
EUROMOT	Association of European Manufactures of Internal combustion engines
IACS	International Association of Classification Societies
IMCI	International Marine Certification Institute
UIC	International Union of Railways
EC DG ENV	European Commission Directorate General Environment
US EPA	US Environmental Protection Agency (informal Liaison)

1.4 Meetings held since 1991

1 st	meeting	1991-07-30/08-01	San Antonio (USA)
2 nd	meeting	1991-09-24/25	Vienna (Austria)
3 rd	meeting	1992-02-04/05	Oyama (Japan)
4 th	meeting	1992-07-31/08-01	Berlin (Germany)
5 th	meeting	1992-12/01/02	Frankfurt (Germany)
6 th	meeting	1993-04-28/29	Paris (France)
7 th	meeting	1993-10-06/07	Geneva (Switzerland)
8 th	meeting	1994-05-04/05/06	Milan (Italy)
9 th	meeting	1994-10-11/12	Birmingham (USA)
10 th	meeting	1995-04-27/28	London (UK)
11 th	meeting	1996-04-26	Chicago (USA)
12 th	meeting	1997-04-14	Shanghai (China)
13 th	meeting	1998-06-18/19	Friedrichshafen (Germany)
14 th	meeting	1999-05-20/21	Rome (Italy)
15 th	meeting	2000-04-06/07	Paris (France)
16 th	meeting	2001-04-25/26	Winterthur (Switzerland)
17 th	meeting	2002-04-24/25	London (UK)
18 th	meeting	2003-10-21/22	Seoul (Korea)
19 th	meeting	2004-04-21/22	Ispra (Italy)
20 th	meeting	2004-10-6/7	Berlin (Germany)
21 st	meeting	2005-04-14/15	Ispra (Italy)
22 nd	meeting	2005-10-05/06	Tokyo (Japan)
23 rd	meeting	2006-04-28	Ispra (Italy)
24 th	meeting	2007-04-19/20	Ispra (Italy)
25 th	meeting	2009-09-24	Shanghai (China)
26 th	meeting	to be held on 04 Nov 2010 in Berlin (Germany)	

2 Progress in preparation of standards

Item Number	Ref. Number	Title	Edition	Status
1	ISO 8178-1	RIC engines – Exhaust emission measurement – Part 1: Test bed measurement of gaseous and particulate exhaust emission	09/06	ISO 8178-1 2nd edition published in September 2006. Revision planned for 2010.
2	ISO 8178-2	RIC engines – Exhaust emission measurement – Part 2: Measurement of gaseous and particulate exhaust emission at site	04/08	ISO 8178-2 2nd edition published in April 2008.
3	ISO 8178-3	RIC engines – Exhaust emission measurement – Part 3: Definitions and methods of measurement of exhaust gas smoke under steady-state conditions	11/94	ISO 8178-3 published in November 1994.

4	ISO 8178-4	RIC engines – Exhaust emission measurement – Part 4: Test cycles for different engine applications	07/08	ISO 8178-4 2nd edition; corrected version published in July 2008. Revised version planned for 2010.
5	ISO 8178-5	RIC engines – Exhaust emission measurement – Part 5: Test fuels	10/08	ISO 8178-5 2nd edition published in October 2008.
6	ISO 8178-6	RIC engines – Exhaust emission measurement – Part 6: Report of measuring results and tests	11/00	ISO 8178-6 published in November 2000.
7	ISO 8178-7	RIC engines – Exhaust emission measurement – Part 7: Engine family determination	11/96	ISO 8178-7 published in November 1996.
8	ISO 8178-8	RIC engines – Exhaust emission measurement – Part 8: Engine group Determination	11/96	ISO 8178-8 published in November 1996.

9	ISO 8178-9	RIC engines – Exhaust emission measurement – Part 9: Test bed procedure for the measurement of smoke from off-road diesel engines	10/00	ISO 8178-9 published in October 2000. Consolidated version with ISO 8178-9 AMD 1 to be published in 2010.
10	ISO 8178-9, AMD 1	RIC engines – Exhaust emission measurement – Part 9: Test bed procedure for the measurement of smoke from off-road diesel engines – Annex E and F for locomotive and marine propulsion engines	10/04	ISO 8178-9 AMD 1 published in October 2004.
11	ISO 8178-10	RIC engines – Exhaust emission measurement – Part 10: Test Cycles and test procedures for field measurement of exhaust gas smoke emissions from compression ignition engines operating under transitory conditions.	11/02	ISO 8178-10 published in November 2002.
12	ISO 8178-11	Reciprocating internal combustion engines — Exhaust emission measurement — Part 11: Test-bed measurement of gaseous and particulate exhaust emissions under transient test conditions	04/06	ISO 8178-11 published in April 2006. Revision planned for 2010.

3 Working groups

WG No.	Title	Convenor	Secretariat	Status
1	Smoke testing	Mr Bishop	(ANSI)	Disbanded
1 subgroup	In-use smoke measurement for marine and locomotive engines	Dr Effelsberg	(DIN)	Disbanded
2	Round robin testing	Mr Stein	(DIN)	Disbanded
3	Test fuels	-	(DIN)	Disbanded
4	Engine family concept	-	(BSI)	Disbanded
5	Test cycle and off-cycle emissions	Dr Campbell	(DIN)	Disbanded
6	Test bed measurements	Mr Stein	(DIN)	Active