PAKISTAN STANDARDS & QUALITY CONTROL AUTHORITY <u>STANDARDS DEVELOPMENT CENTRE</u> Weights & Measures Division.

NATIONAL STANDARD COMMITTEE FOR WEIGHTS & MEASURES (NSC)

SL.NO.	CHAIRMAN	REPRESENTED ORGANIZATION.
01	Mr. Shahnawaz ullah Khan, Manager Oil Gas & Chem. Service.	M/s. S.G.S. Pakistan (Pvt.) Ltd., 22/D, Block-6 P.E.C.H.S. Karachi.
02	Mr. Khalid Islam, Director. (Planning and Development)	National Physical and Standards Laboratory, 16, Sector H /9, Islamabad.
	VICE CHAIRMAN	
03	Syed Mahmood-ul-Haq, General Manger	Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum & Natural Resources, ST-3-Sector-47, Near Pakistan Refinery Ltd., Korangi Creak, Karachi.
04	Engr. Faridunfer, Associate Professor, Principal	Govt. College of Technology, S.I.T.E. Karachi.

SL. NO.	CHAIRMAN	REPRESENTED ORGANIZATION.	NAME OF THE TECHNICAL COMMITTEE.
05	Mr. Khalid Islam, Director.	National Physical and Standards Laboratory, 16, Sector H /9, Islamabad	Terminology. Nomenclature. Abbreviation. Preferred Numbers Principles, Administrative Problems and Metrological control. (WMTC-1)
06	Syed Mahmood-ul-Haq, General Manger	 Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum & Natural Resources, ST-3-Sector-47, Near Pakistan Refinery Ltd., Korangi Creak, Karachi 	Measurement of Length. Area and Volume / Capacity (WMTC-2)
07	Mr. Khalil-ur-Rehman, Chief Instructor,	Pak Swiss Precision Mechanics & Instrumentation Centre, PCSIR, Campus, Off University Road, Karachi.	Measurement of Mass. Weights. Force and Density. (WMTC-3)
08	Chairman Mechanical Engineering Department.	N.E.D. University of Engineering & Technology, University Road, Karachi.	Measurement of Time. Frequency and Space. (WMTC-4)
09	Mr. Khalil-ur-Rehman, Chief Instructor,	Pak Swiss Precision Mechanics & Instrumentation Centre, PCSIR, Campus, Off University Road, Karachi.	Measurement of Pressure, Power and Stresses. (WMTC-5)
10	Engr. Faridunfer, Associate Professor, Principal	Govt. College of Technology, S.I.T.E. Karachi	Measurement of Heat- Quantities (Temperature, Calorific Energy etc.). (WMTC-6)
11	Syed Mahmood-ul-Haq, General Manger,	Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum & Natural Resources, ST-3-Sector-47, Near Pakistan Refinery Ltd., Korangi Creak, Karachi.	Measurement of Electrical Energy. (WMTC-7)

12	Mr. G.H. Sheikh, Chief Scientific Officer,	PCSIR, Karachi.	Acoustics & Vibration.(WMTC-8)
13	Mr. Amjud Parvez, C.S.O Opties Lab.	PAEC, Islamabad.	Optics. (WMTC-9)
14	The Chief Exacutive,	M/s. Shazan Internation Ltd.,	Measurement of Characteristics of Food Products, Materials and Prepared Products (WMTC-10)
15	Mr. Shahnawaz ullah Khan, Manager Oil Gas & Chem. Service,	M/s. S.G.S. Pakistan (Pvt.) Ltd., 22/D, Block-6 P.E.C.H.S. Karachi	Measuring Instruments for Motor Vehicles and Ships.(WMTC-11 for Motor Vehicles)
16	CaptainMuhammadAshraf Zafar, Dy.Captain Superintendent,	Pakistan Marine Academy, Hawksbay Road, Mauripur, Karachi	Measuring Instruments for Motor Vehicles and Ships. (WMTC-11 for Ship)
17	Mr. Shahnawaz ullah Khan, Manager Oil Gas & Chem. Service,	M/s. S.G.S. Pakistan (Pvt.) Ltd., 22/D, Block-6 P.E.C.H.S. Karachi	Measurement of Physical environments (WMTC- 12)
18	Mr. Inayatullah Khan, Deputy Controller (W& M),	Weights & Measures Cell, Directorate of Industries, Commerce and Labour, 3 rd Floor, F. C. Trust Building, Government of N.W.F.P, Peshawar	Metrological Characteristics of Measuring Instruments and Teaching of Technology(WMTC-13)
19	Mr. Inayatullah Khan, Deputy Controller (W& M),	Weights & Measures Cell, Directorate of Industries, Commerce and Labour, 3 rd Floor, F. C. Trust Building, Government of N.W.F.P, Peshawar	Metrological Principles. (WMTC-14)
20	Mr. Farhat Asrar Advisor and Consultant,	Industries, 163-A Block-3, P.E.CH.S., Karachi.	Physico Chemical Measurement. (WMTC-15)

	CHAIRMAN OF THE TECHINICAL COMMITTEES			
SL. NO.	CHAIRMAN	REPRESENTED ORGANIZATION.	NAME OF THE TECHNICAL COMMITTEE.	
01	Mr. Khalid Islam, Director.	National Physical and Standards Laboratory, 16, Sector H /9, Islamabad	Terminology. Nomenclature. Abbreviation. Preferred Numbers Principles, Administrative Problems and Metrological control. (WMTC-1)	
02	Syed Mahmood-ul-Haq, General Manger	 Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum & Natural Resources, ST-3-Sector-47, Near Pakistan Refinery Ltd., Korangi Creak, Karachi 	Measurement of Length. Area and Volume / Capacity (WMTC-2)	
03	Mr. Khalil-ur-Rehman, Chief Instructor,	Pak Swiss Precision Mechanics & Instrumentation Centre, PCSIR, Campus, Off University Road, Karachi.	Measurement of Mass. Weights. Force and Density. (WMTC-3)	
04	Chairman Mechanical Engineering Department.	N.E.D. University of Engineering & Technology, University Road, Karachi.	Measurement of Time. Frequency and Space. (WMTC-4)	
05	Mr. Khalil-ur-Rehman, Chief Instructor,	Pak Swiss Precision Mechanics & Instrumentation Centre, PCSIR, Campus, Off University Road, Karachi.	Measurement of Pressure, Power and Stresses. (WMTC-5)	
06	Engr. Faridunfer, Associate Professor, Principal	Govt. College of Technology, S.I.T.E. Karachi	Measurement of Heat- Quantities (Temperature, Calorific Energy etc.). (WMTC-6)	
07	Syed Mahmood-ul-Haq, General Manger,	Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum & Natural Resources, ST-3-Sector-47, Near Pakistan Refinery Ltd., Korangi Creak, Karachi.	Measurement of Electrical Energy. (WMTC-7)	

08	Mr. G.H. Sheikh, Chief Scientific Officer,	PCSIR, Karachi.	Acoustics & Vibration.(WMTC-8)
09	Mr. Amjud Parvez, C.S.O Opties Lab.	PAEC, Islamabad.	Optics. (WMTC-9)
10	The Chief Exacutive,	M/s. Shazan Internation Ltd.,	Measurement of Characteristics of Food Products, Materials and Prepared Products (WMTC-10)
11	Mr. Shahnawaz ullah Khan, Manager Oil Gas & Chem. Service,	M/s. S.G.S. Pakistan (Pvt.) Ltd., 22/D, Block-6 P.E.C.H.S. Karachi	Measuring Instruments for Motor Vehicles and Ships.(WMTC-11 for Motor Vehicles)
12	CaptainMuhammadAshraf Zafar, Dy.Captain Superintendent,	Pakistan Marine Academy, Hawksbay Road, Mauripur, Karachi	Measuring Instruments for Motor Vehicles and Ships. (WMTC-11 for Ship)
13	Mr. Shahnawaz ullah Khan, Manager Oil Gas & Chem. Service,	M/s. S.G.S. Pakistan (Pvt.) Ltd., 22/D, Block-6 P.E.C.H.S. Karachi	Measurement of Physical environments (WMTC- 12)
14	Mr. Inayatullah Khan, Deputy Controller (W& M),	Weights & Measures Cell, Directorate of Industries, Commerce and Labour, 3 rd Floor, F. C. Trust Building, Government of N.W.F.P, Peshawar	Metrological Characteristics of Measuring Instruments and Teaching of Technology(WMTC-13)
15	Mr. Inayatullah Khan, Deputy Controller (W& M),	Weights & Measures Cell, Directorate of Industries, Commerce and Labour, 3 rd Floor, F. C. Trust Building, Government of N.W.F.P, Peshawar	Metrological Principles. (WMTC-14)
16	Mr. Farhat Asrar Advisor and Consultant,	Industries, 163-A Block-3, P.E.CH.S., Karachi.	Physico Chemical Measurement. (WMTC-15)