

## COMPOSITION OF MECHANICAL ENGINEERING DIVISION COUNCIL, MEDC

**SCOPE** – Standardization in the field of Mechanical Engineering covering Boilers and Pressure Vessels; Refrigeration and Air-conditioning; Renewable Energy Sources; Material handling Systems and Equipments; Chemical Engineering Plants and Equipments; Construction Plant and Machinery; Pumps and Hand pumps; Compressors and Blowers; Gas Cylinders; Security Equipments; Mining Equipments; Printing Machinery; Sewing Machines; Water Well Drilling; Photographic Equipments; Utensils, Cutlery and domestic hardware; oil and gas burning appliances; wire ropes and wire products; Gaskets and packing; Methods and Equipments for underground gasification and coal bed methane; Mechanical equipments for Petroleum, Petro-chemical and Natural Gas Industries, Energy Management and Energy Saving and Manufacturing Machinery & their Safety .

**MEMBER SECRETARY : SH. RAJNEESH KHOSLA, HEAD (MED); CHAIRMAN : SH SUSHIL LAKRA**

<i>SL. NO.</i>	<i>ORGANISATION REPRESENTED</i>	<i>PRINCIPAL MEMBER</i>	<i>ALTERNATE MEMBER</i>
1.	DEPARTMENT OF HEAVY INDUSTRY	SH SUSHIL LAKRA CHAIRMAN	
2.	AIMIL LIMITED , NEW DELHI	SH MANISH RAO	SH ROHITASH BARUA
3.	BEML LIMITED , TIRUCHIRAPALLI	SH RAMESH DESAI	
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5.	BHARAT EARTH MOVERS LTD , MYSORE	SH K R RADHAKRISHNA	SH V. SEKAR
6.	BHARAT HEAVY ELECTRICALS LTD , HYDERABAD	SH S. DURAIRAJ	--
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8.	BICYCLE AND SEWING MACHINE R&D CENTRE , LUDHIANA	SH H S BAINS	--
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15.	CSIR-INDIAN INSTUTUTE OF PETROLEUM, DEHRADUN	SH AMAR KUMAR JAIN	--
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29.	INDIAN INSTITUTE OF TECHNOLOGY , ROORKEE	PROF DR RAVI KUMAR	--
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32.	INDIAN OIL CORPORATION LTD (REFINERIES DIVN) , NEW DELHI	SH S.N. JHA	SH H.L. ARYA
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34.	INDRAPRASTHA GAS LTD , NEW DELHI	SH P.K. PANDEY	SH UJWAL BHANDARI
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37.	MINISTRY OF DEFENCE, DTE OF STANDARDIZATION, , NEW DELHI	LT COL PRAVEEN DEO	SH VIJAY SHANKAR
38.	MINISTRY OF NEW AND RENEWABLE ENERGY SOURCES , NEW DELHI	SH S. SRIVASTAVA	SH HIREN C. BORAH
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41.	NATIONAL PHYSICAL LABORATORY , NEW DELHI	DR RANJANA MEHROTRA	--
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43.	OFFICE OF DEVELOPMENT COMMISSIONER , NEW DELHI	SH G.SHANMUGANATHAN	--
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45.	OIL INDUSTRY SAFETY DIRECTORATE , NOIDA	SH HIRAK DUTA	SH S.K. BAGCHI
46.	PETROLEUM AND EXPLOSIVES SAFETY ORGANIZATION , NAGPUR	SH S. K. SHUKLA	SH V.B. BORGAONKAR (ALT 1) SH ASHENDRA SINGH (ALT 2)
47.	PROJECTS & DEVELOPMENT INDIA LTD , NOIDA	SH B. MUKHERJEE	SH AJAY K. S. RUHEL

48.	RESEARCH DESIGN & STDS ORGN.,(RDSO) , LUCKNOW	SH S.K. MISHRA	MD (STDS MOTIVEPOWER)
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52.	SURVEY OF INDIA , DEHRADUN	BRIG DR. B.NAGARAJAN	SH MAMCHAND
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54.	VOICE , NEW DELHI	SH B.K. MUKHOPADHYAY	SH M A U KHAN

**BOILERS AND PRESSURE VESSELS SECTIONAL COMMITTEE , MED 01**

**Scope :** a) Formulation of standards for terminology, acceptance tests layout of boilers and other aspects not covered under the Indian Boilers Regulations. b) Preparation of code for Unfired Pressure Vessels c) Co-ordination of work with ISO/TC 11 Boilers and Pressure Vessels.

**MEMBER SECRETARY – MS. KHUSHBOO JYOSTANA KINDO; CHAIRMAN SH T.S.G. NARAYANNEN**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
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14.	INDIAN OIL CORPORATION LTD, BARODA	SH U.S.PRASAD	SH R.K. SABHARWAL
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18.	LARSEN & TOUBRO LTD., MUMBAI	SH GIRISH Y. SAVANT	SH M. VENKATESH
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21.	LLOYD'S REGISTER ASIA, MUMBAI	SH P. BRAHMA	SH PURAN CHAND PATHAK
22.	MECON LIMITED, RANCHI	SH M M BAKSI	SH D. VERMA
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24.	OIL INDUSTRIES SAFETY DIRECTORATE, NEW DELHI	SH S.C. GUPTA	SH S.K. SHARMA

25.	PETROLEUM AND EXPLOSIV SAFETY ORGANIZATION , NAGPUR	SH D.K. GUPTA	SH V. B. BORGAONKAR
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32.	WELDING RESEARCH INSTITUTE , TIRUCHIRAPALLI	SH G. UMA SHANKAR	SH. K.PADMANABAN

## REFRIGERATION AND AIR CONDITIONING SECTIONAL COMMITTEE, MED 03

**Scope :** a) Formulation of standards for refrigeration and air- conditioning equipment and appliances including terminology, definitions and symbols, designation of refrigerants, testing of refrigerating systems; refrigerating units. b) Co-ordination of work with ISO/TC 86. TC 142 Refrigeration and Air conditioning; IEC/TC 61 Safety of household appliances for refrigeration and air- conditioning and IEC TC 59/SC 59M Performance of Electrical Household and Similar Cooling and Freezing Appliances.

**MEMBER SECRETARY : MS. KHUSHBU JYOTSNA KINDO; CHAIRMAN : PROF RAVI KUMAR**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
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2.	ANNAPURNA ELECTRONICS AND SERVICES LTD , HYDERABAD	SH G.K. PRASAD	SH J.S. SASTRY
3.	BUREAU OF ENERGY EFFICIENCY, NEW DELHI	SHRI SAURABH DIDDI	SH MANJEET SINGH
4.	BLUE STAR	SH JITENDER B.	SH SUNIL KUMAR JAIN
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7.	CENTRAL POWER RESEARCH INSTITUTE , BANGALORE	SH A.R. RAVI KUMAR	SH GUJJALA B.BALARAJA
8.	CONSUMER EDUCATION AND RESEARCH CENTRE , AHMEDABAD	MS. SWETA MAHAJAN	--
9.	DANFOSS INDUSTRIES PVT LTD , GURGAON	SH DEEPAK VERMA	SH K.L. NAGAHARI
10.	DIRECTORATE GENERAL OF SUPPLIES & DISPOSALS, AHMEDABAD	SH R.K. AGRAWAL	SH SANJEET KUMAR
11.	ELECTRICAL RESEARCH AND DEVELOPMENT ASSN., VADODARA	SH GAUTAM BRAHMBHATT	SH RAKESH PATEL
12.	EMERSON CLIMATE TECHNOLOGIES (INDIA) PVT. LTD , KARAD	SH CHETHAN THOLPADY	SH D.P.DESPANDE
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14.	HONEYWELL INTERNATIONAL INDIA PVT LTD , GURGAON	SH SUDHIR KAVALTH	DR NITIN KARWA
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16.	IN PERSONAL CAPACITY , DELHI	SH P.K. MUKHERJEE	--
17.	INDIAN INSTITUTE OF CHEMICAL	DR D.SATHIYAMOORTHY	DR SUDIP K DAS

	ENGG , KOLKATA		
18.	INDIAN SOCIETY OF HEATING, REFRIFERATING AND AIR CONDITIONIGN ENGINEERS (ISHRAE) , NEW DELHI	DR. JYOTIRMAY MATHUR	SH ASHISH RAKHEJA
19.	INTERNATIONAL COPPER ASSOCIATION INDIA , MUMBAI	SH SHANKAR SAPALIGA	SH SANJEEV RANJAN
20.	INTERTEK INDIA PVT LTD , NEW DELHI	SH BALVINDER ARORA	SH C.M. PATHAK
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23.	NATIONAL THERMAL POWER CORPORATION , NOIDA	SH D.K. SURYANARAYAN	SH S.K. JHA
24.	REFRIGERATION & AIRCONDITIONING MFRS ASSN , NEW DELHI	SH GURMEET SINGH	SH R.K. MEHTA
25.	SAMSUNG INDIA ELECTRONICS PVT LTD , NOIDA	SH GAURAV CHOUDHARY	SH KALICHARAN SAHU
26.	SPIROTECH HEAT EXCHANGER PVT LTD , BHIWADI	SH SUNIL BHARDWAJ	SH DWIJESH GAUTAM
27.	SRF LTD	SH RABINDER N. KAUL	
28.	THE CHEMOURS INDIA PVT LTD, GURGAON	SH VIKAS MEHTA	SH NISHIT SHAH
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30.	UL INDIA PVT LTD , BENGALURU	SH V. MANJUNATH	SHRI SATISH KUMAR
31.	VOLTAS LTD , MUMBAI	SH RITESH SINGH	SH A.D. KUMBHAR
32.	VOLUNTARY ORGN IN INTEREST OF CONSUMER EDUCATION , NEW DELHI	SH H. S. WADHWA	SH B.K. MUKHOPADHYAY

## COMPOSITION OF RENEWABLE ENERGY SOURCES SECTIONAL COMMITTEE, MED 04

**Scope :** Formulation of standards in the field of Renewable energy sources such as solar energy, bio-gas energy, bio-mass energy etc.

**MEMBER SECRETARY : SH CHANDAN GUPTA; CHAIRMAN : SH B.S NEGI**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
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2	BIOGAS FORUM INDIA, NEW DELHI	DR A R SHUKLA	---
3	BIPIN ENGINEERS PVT LTD, PUNE	SH H.S. REVANKAR	SH A.K. BAIKERIKAR
4	CENTRAL ARID ZONE RESEARCH INSTITUTE , JODHPUR	DR ANIL KUMAR SINGH	DR. PRIYABRATA SANTARA
5	CENTRAL PUBLIC WORKS DEPARTMENT , NEW DELHI	SH CHAITANYA KUMAR VERMA	SH D.K. TULANI
6	CENTRE FOR WIND ENERGY TECHNOLOGY , CHENNAI	DR S. GOMATHINAYAGAM	SH A. SENTHIL KUMAR
7	CSIR CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE	SH BHOPLAB CHOUDHARY	SH SIVA PRAKASH S
8	CONSUMER COORDINATION COUNCIL(CCC), NOIDA	SH ARUN KUMAR MISHRA	SH R.K. KAPLESH
9	DIRECTORATE GENERAL OF METEOROLOGY , NEW DELHI	DR DEVENDRA PRADHAN	---
10	EMMVEE, BANGALORE	SH VIJAY KUMAR C.R.	---
11	GUJARAT ENERGY DEVELOPMENT AGENCY , VADODARA	SH K.V. DOSHI	SH.S.B. PATIL
12	IN PERSONAL CAPACITY, NEW DELHI	SH ATAM KUMAR	--
13	INDIAN INSTITUTE OF TECHNOLOGY, MUMBAI	SH J.K. NAYAK	SH SHIREESH KEDARE
14	INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI	PROF. S.C. MULLICK	DR. T.C. KANDPAL



15	INDIAN CUNCIL OF AGRICULTURAL RESEARCH INSTITUTE , NEW DELHI	DR. KANCHAN K SINGH	DR ANIL KUMAR DUBEY
16	INDIAN RENEWABLE ENERGY DEVELOPMENT AGENCY LTD , NEW DELHI	SH B M CHAUHAN	SH SOMPAL
17	INTERNATIONAL COPPER ASSOCIATION INDIA, MUMBAI	SH V.K GUPTA	SH SANJEEV RANJAN
18	MECHANICAL ENGG. IT BHU, VARANASI	SHRI S K SHUKLA	---
19	MINISTRY OF NEW AND RENEWABLE ENERGY, NEW DELHI	DR ASHVINI KUMAR	DR A.K. SINGHAL
20	NATIONAL BANK FOR AGRI AND RURAL DEVELOPMENT , MUMBAI	DR. A.R KHAN	SH. R. ANAND
21	REGIONAL TEST CENTRE, PUNE	PROF. (DR) SANDESH R.JADKAR	DR. ANAGHA M PATHAK - 1 DR. ADINATH M FUNEE - 2
22	REGIONAL TEST CENTRE-CUM-TECHNICAL BACKUP UNIT FOR SOLAR THERMAL DEVICES, INDORE	DR S.P. SINGH	PROF R.N. SINGH
23	RAJGIRI SCHOOL OF ENGINEERING TECH. (RSET) KOCHI	DR V PANTHALOOKAN	SHRI JOEL GEORGE
24	BITES LTD, GURGAON	SH RAJIV MILIND	SH MUKESH SINHA
25	SARDAR PATEL RENEWABLE ENERGY RESEARCH INST , VALLABH VIDYANAGAR	DR MUKUL KUMAR DUBEY	SH JAY PANDEY
26	SOLAR ENERGY CENTRE , NEW DELHI	DR B. BANDYOPADHYAY	DR S.K. SINGH
27	SOLAR ENERGY SOCIETY OF INDIA, NEW DELHI	SH A.P. SHRIVASTAVA	SH RAJINDER KUMAR KAURA
28	SOLCHROME SYSTEMS INDIA LIMITED, PARWANOO	SH K.K. SINGLA	DR. S.K. SINGH
29	TERI(THE ENERGY AND RESOURCES INSTITUTE), NEW DELHI	SH SIRISH GARUD	DR ISHAN PUROHIT
30	THE MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), PUNE	SHRI MANOJ A. PISE	SH H. MANIK KULKARNI

**CONTINUOUS BULK CONVEYING, ELEVATING, HOISTING, AERIAL, ROPEWAYS AND RELATED EQUIPMENT SECTIONAL COMMITTEE MED 06**

**Scope :** a) Formulation of standards for conveyors, vertical hoists, bucket elevators, aerial ropeways Amusement/joy rides and related equipment like crushers screens, vibrating mills etc. and conveyors for personal transportation. b) Co-ordination of work with ISO/TC 101 Continuous Mechanical Handling Equipment. c) Co-ordination of work with ISO/TC 254 Safety of Amusement Rides and Amusement Devices

**MEMBER SECRETARY ; SH A.K.MOHINDROO; CHAIRMAN : SH. RAJIV MAHAJAN**

<i><b>Sl. No</b></i>	<i><b>ORGANISATION REPRESENTED</b></i>	<i><b>PRINCIPAL MEMBER</b></i>	<i><b>ALTERNATE MEMBER</b></i>
1.	rites limited, GURGAON	SH. RAJIV MAHAJAN (CHAIRMAN)	SH N. C. SRIVASTAVA
2.	CENTRAL INSTITUTE OF MINING & FUEL RESEARCH (CIMFR), DHANBAD	SH. DEBASIS BASAK	SH. GIRENDRA M PRASAD
3.	CONVEYOR ROPEWAY SERVICES PVT LTD, KOLKATA	SH.S. SHEKHAR CHAKRAVARTY	SH. KAMAL KUMAR BOSE
4.	DAMODAR ROPEWAYS &INFRA LIMITED, KOLKATA	SH RANJAN MUKHERJEE	--
5.	DESEIN PVT. LTD NEW DELHI	SH S. R. GUPTA	SH S. BENERJEE
6.	DIRECTORATE GENERAL OF MINES SAFETY, DHANBAD	SH.DHORE BHAGESHWAR	SH.VIJAY KUMAR K
7.	DTE GEN FAC ADVICE SERVICE & LABOUR INSTITUTE, MUMBAI	SH. U.K. DAS	SH SUSHIL KUMAR
8.	DOPPLERMAYER INDIA PVT. LTD	SH VIKRAM SINGHAL	SH ARVIND BHATIA
9.	ELECON ENGINEERING CO LTD VALLABH VIDYANAGAR	SH. C.S. SHAH	SH. K.S. KODIA
10.	HUMAN RESOURCE DEVELOPMENT, DHANBAD	SH DEBASISH BASAK	SH GIRENDRA M PRASAD
11.	INDIAN ASSOCIATION OF AMUSEMENT PARKS & INDS , NEW DELHI	SH ANUJ SARIN	SH ANAND LAMDHADE
12.	INDIAN PORT RAIL CORP LTD	SH SANJEEV MHETRE	--
13.	MCNALLY BHARAT ENGINEERINGCO. LTD , KOLKATA	SH. SHYAMAL KUMAR DAS	SH. ASHOKE KUMAR BOSE
14.	MECON LIMITED, RANCHI	SH. SANJOY BHATTACHARYA	SH. AMIT PAL
15.	MINISTRY OF SHIPPING NEW DELHI	SH. B POIYAAMOZHI	SH. D. J. BASU
16.	NATIONAL MINERAL DEVELOPMENT CORPORATION LTD. , HYDERABAD	SH. ALOK MEHTA	SH S. SURENDER

17.	NATIONAL THERMAL POWER CORPORATION LTD., NEW DELHI	SH. O.P. KALIA	SH. B.K. BHATTACHARYA
18.	PHOENIX CONVEYOR BELT INDIA (P) LTD., NEW DELHI	SH. RAJEEV SHARMA	SH. ASOKE KUMAR GHOSH
19.	POLO AMUSEMENT PARK LTD., GURGAON	SH. SANTOSH CHAWLA	--
20.	PROJECTS AND DEVELOPMENT INDIA LIMITED, DHANBAD	SH. A K. SINHA	--
21.	RAIL INDIA TECHNICAL & ECONOMIC SERVICES LTD, GURGAON	SH A. BHADRA	SH N. C. SRIVASTAVA
22.	ROPEWAY AND RESORTS PVT LTD, KOLKATA	SH. A K KINRA	--
23.	STEEL AUTHORITY OF INDIA LTD (IPSS SECT) , NEW DELHI	SH. S K BOSE	SH. R K ANAND
24.	THE ASSOCIATED CEMENT COMPANIES LTD, MUMBAI	SH A. K. BHATNAGAR	SH M. N. RAO
25.	THE INSTITUTION OF ENGINEERS INDIA , NEW DELHI	DR. G. S. YADAVA	SH R. N. RAJDOOT
26.	TRF LIMITED, JAMSHEDPUR	SH N.K. SINGH	SH SUBHASH SHARMA
27.	USHA BRECO LIMITED GHAZIABAD	SH. MANOJ PANWAR	SH. SANJEEV DHARIWAL
28.	USHA MARTIN LIMITED,RANCHI, JHARKHAND	SH. SUBRATA DUTTA	SH. SANDEEP JAISWAL
29.	IN INDIVIDUAL CAPACITY, KOLKATA	SH. C K KARMAKAR	--
30.	IN INDIVIDUAL CAPACITY, DELHI	SH S.C. GANDHI	--
31.	IN INDIVIDUAL CAPACITY, FARIDABAD	SH A BHADRA	--

## MATERIAL HANDLING SYSTEMS AND EQUIPMENT SECTIONAL COMMITTEE, MED 07

**Scope :** 1) Formulation of standards for terminology, general design and construction, classification, ratings, leading dimensions, safety code of operation and maintenance and testing and inspection methods of mechanical, pneumatic and hydraulic bulk handling systems and equipment for loose bulk material including fluid material and unit loads (other than those covered by Conveyors, Vertical Hoists and Bucket Elevators Sectional Committee, MED 6) such as: a)Unloading equipment such as wagon tippers, wagon marshalling equipment, wagon unloading equipment and ship un-loaders b)Stacking and loading equipment such as stackers, reclaimers, ship, wagon and truck loaders c)Hydraulic conveying equipment such as coal and ash conveying equipment d)Pneumatic conveying equipment such as food grains, cement, fertilizer ash and pulverized conveying equipment; e)Batching and bagging equipment such as automatic bag filling machines and automatic weighing and bagging equipment f)Earth-moving machinery and equipment. g)Non-powered material handling equipment such as hand-trucks, platform trucks, Lifting tables, pallet trucks, stillage lifting trucks and all types of trolleys, wheel barrows 2) Co-ordination of work with ISO/TC 127 `Earth Moving, Machinery and ISO/TC 110 Industrial Trucks.

**MEMBER SECRETARY : SH. SANDEEP KESHAV; CHAIRMAN : SH K R RADHAKRISHNA**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	BHARAT EARTH MOVERS LTD , MYSORE	SH K R RADHAKRISHNA CHAIRMAN	--
2.	AIRPORT AUTHORITY OF INDIA , NEW DELHI	SH K.S. KUNWAR	SH JASPAL SINGH
3.	BHARAT COKING COAL LTD(A SUBSIDIARY OF COAL INDIA LTD) , DHANBAD	SH ARUNA NAND SAHAY	SH CHANDRA SHEKHAR SI
4.	BHARAT HEAVY ELECTRICALS LTD , NEW DELHI	SH G. BHAGCHANDANI	SH S.K. BHAUMIK
5.	BHARAT HEAVY ELECTRICALS LTD. , HARIDWAR	SH. PRASAD RU	--
6.	CATERPILLAR INDIA PVT LTD. , TIRUVALLUR	SH K REJI JOSE	SHRI V. BHASKARAN
7.	CEMENT CORPORATION OF INDIA ,	SH. A.K. SRIVASTAVA	SHRI A.K. SAINI
8.	CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED , RANCHI	SH PARAG MAJUMDAR	SH PRAVEEN K. SINHA
9.	DEPARTMENT OF HEAVY INDUSTRY , NEW DELHI	SH SUSHIL LAKRA	SH SANJAY CHAVRE
10.	DIRECTORATE GENERAL OF QUALITY ASSURANCE	COL R DHAN KAR	LT COL GURJEET SINGH
11.	DIRECTORATE GENERAL FACTORY ADVICE SERVICE & LABOUR INSTITUTE (MIN. OF LABOUR & EMPLOYMENT) , BANGALORE	SH G. P. NIJALINGAPPA	SH B.N. JHA
12.	ENGINEERS INDIA LTD , NEW DELHI	SH P. BHATTACHARJEE	SH P P PANDEY
13.	ESCORTS CONSTRUCTION EQUIPMENT LTD , FARIDABAD	SH ASHISH MATHUR	SH FAIZ AHMED
14.	FACT ENGINEERING AND DESIGN ORGANIZATION , UDYOGMANDALA	SH R.K. PILLAI	SH JUBY CHANDY
15.	HEAVY MACHINE BUILDING PLANT , RANCHI	SH. R PRASAD	SH. S MUSTAFI
16.	IN PERSONAL CAPACITY , BANGALORE	SH G. N. VENKATESH	--

17.	INDIAN CONSTRUCTION EQUIPMENT MANUFACTURERS ASSOCIATION	SH K.V.KRISHNAMURTHY	--
18.	JCB INDIA , BALLABGARH	SH SHEKHAR GUPTA	SH SAURABH DALELA
19.	JOHN DEERE INDIA PPVT LTD , PUNE	SH KARTHIK KALIAPPAN	SH KRISHNAT PATIL
20.	JOST'S ENGINEERING COMPANY LIMITED , MUMBAI	SH N. SINGH NINDI	SH. DALJEET SINGH
21.	KOMATSU INDIA PRIVATE LTD , BANGALORE	SH M. RAJENDRAN	SH VIKRANT SHARMA
22.	L & T KOMATSU LIMITED , BANGALORE	SH G.S. NARAYANA	SH.K KESHAVA
23.	MCNALLY BHARAT ENGINEERING COMPANY LIMITED , KOLKATA	SH ASHOK KUMAR BOSE	SH SANDIPAN DAN
24.	MINISTRY OF DEFENCE DATE OF QUALITY ASSURANCE , NEW DELHI	COL R. DHANKAR	LT COL GURJEET SING
25.	MINISTRY OF SHIPPING , NEW DELHI	SH CHANDRANI ROUT	SH RAMJI SINGH
26.	MUMBAI PORT TRUST , MUMBAI	SH DILIPVISHWANATHAN	SH PANDIAN SEKAR
27.	NATIONAL COUNCIL FOR CEMENT AND BLDG MATERIA	SH KAPIL KUKREJA	SH SAURABH BHATNAGAR
28.	NATIONAL MINERAL DEVELOPMENT CORPN LTD , HYDERABAD	SH. T.N.S. KUMAR	SH. S.K. ROY
29.	NATIONAL THERMAL POWER CORPN.LTD. , NEW DELHI	SH. MADHUKAR ANAND	SH. P.S. CHATTERJEE
30.	OFFICE OF THE DEVELOPMENT COMMISSIONER (MSME) , NEW DELHI	SH K.L RAO	SH K K FUNDA
31.	PROJECTS & DEVELOPMENT INDIA LTD , NOIDA	SH NARENDRA SINGH	SH ABHIJIT MAHATA
32.	TEREX INDIA P LTD , BANGALORE	DR KRISHNA PRASAD	SH TONY WEIR
33.	THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA ( ARAI), PUNE	SH S.S. SANDHU	SH P.D. BETGERI
34.	TRF LIMITED , JAMSHEDPUR	SH. AMIT GUPTA	SH SUDHIR KUMAR
35.	VOLTAS LIMITED , THANE	MR. D.K. PRASHAR	SH HEMANT PITALE
36.	VOLVO INDIA PVT LTD , BANGALORE	SH ASHOK	SH SAM THAMPI

## COMPOSITION OF MINING TECHNIQUES AND EQUIPMENT SECTIONAL COMMITTEE, MED 08

**Scope :** Formulation of Indian Standards relating to basic mining techniques and equipment.

**MEMBER SECRETARY : SH SANDEEP KESHAV; CHAIRMAN : SH PRABHAT KUMAR**

SL. NO.	ORGANISATION REPRESENTED	PRINCIPAL MEMBER	ALTERNATE MEMBER
1.	DTE GENERAL OF MINES SAFETY , DHANBAD	SH PRABHAT KUMAR (CHAIRMAN)	SH VIJAYA KUMAR
2.	ANDHRA PRADESH HEAVY MACHINERY & ENGG LTD., VIJAYWADA	SH T.V.RAMANA	SH B. MAHIDHAR
3.	BHARAT COKING COAL LTD, DHANBAD	SH RAMJI SAHAY	--
4.	BHARAT EARTH MOVERS LTD., BANGALORE	SH V. R.S. PRASAD RAO	SH. H.S. SATISH HANDRA
5.	CATERPILLAR LTD; BANGALURU	SH K. RESI JOSE	SH R. SRINIVASA RAO
6.	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD , RANCHI	SH S.K. CHATERJI	SH U. ROY
7.	CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH, DHANBAD	SH M.K. SINGH	SH SURAJIT DEY
8.	CENTRAL COALFIELDS LTD. RANCHI	SH D. SINGH	SH A. N. JHA
9.	CENTRAL MECHANICAL ENGG. RESEARCH INSTITUTE, DURGAPUR	SH PK SEN	SH MAW NANDI SARKAR
10.	DTE GENERAL OF MINES SAFETY ,DHANBAD	SH S. S. PRASAD	SH P. RAGHUPATHI
11.	EASTERN COALFIELDS LIMITED , SANCTORIA	SH S. CHATTERJEE	SH C.B. SAHAY
12.	EIMCO ELECON (INDIA) LTD , VALLABH VIDYANAGAR	SH M. G. RAO	SH BHAVIN BHATT
13.	HINDUSTAN COPPER LTD , KOLKATA	SH R.C. SINGLA	SH P.K. SHARMA
14.	HINDUSTAN ZINC LIMITED , UDAIPUR	SH B.V. RAO	--
15.	INDIAN LINK CHAIN PVT LTD , KOLKATA	SH PRADIP CHITLANGIA	--
16.	JOHN DEERE LTD; PUNE	SH KALIAPPAN KARTHIK	SH VIVEK JOSHI
17.	MANGANESE ORE (INDIA) LTD ,NAGPUR	SH DIPANKAR SHOME	SH RAJESH KUMAR VERMA
18.	MAHANADI COALFIELDS LTD, DISTT SAMBALPUR	SH M. THAPLIYALL	SH M MITRA
19.	MOIL LTD, NAGPUR	SH RAJESH VERMA	SH ATUL SHARMA
20.	NANDA MILLAR CO , KOLKATA	SH J.P. GOENKA	SH PANKAN GOENKA
21.	NATIONAL ALUMINIUM CO LTD, BHUBANESWAR	SH DILLIP KUMAR MOHANTY	SH D. MOHAPATRA

22.	NEYVELI LIGNITE CORPORATION LTD, NEYVELI	SH SUBIR DAS	SH N. ILAMPARUTHI
23.	NATIONAL MINERAL DEVELOPMENT CORPN, HYDERABAD	SH ALOK KUMAR MEHTA	SH TNS KUMAR
24.	SIMPLEX ENGINEERING & FOUNDRY WORKS PVT LTD , BHILAI	SH MUKESH JAIN	SH KETAN R SHAH
25.	SOUTH EASTERN COALFIELDS LTD , BILASPUR	SH K.K. GUPTA	SH K. R. RAJEEV
26.	TATA STEEL LTD	SH CHAVALA DIVAKER	SH N. P. SINGH
27.	THE HUTTI GOLD MINES COMPANY LTD; DISTT RAICHUR	SH PRABHAKAR SANGURMATH	--
28.	THE SINGARENI COLLIERIES CO. LTD , DISTT KHAMMAM	SH N. V. K. V. RAJU	SH MNV RAMANA
29.	TRF LTD, JAMSHEDPUR	SH SUDHIR KUMAR	SH N. C. GOSWAMI
30.	WESTERN COALFIELDS LTD, NAGPUR	SH GLN REDDY	SH C. A VENKATESHALU
31.	IN PERSONAL CAPACITY	SH G. N. VENKATESH	--

**COMPOSITION OF WIRE ROPES AND WIRE PRODUCTS SECTIONAL COMMITTEE, MED 10**

**Scope :** a) Formulation of standards on wire ropes and standards for strands for different purposes; wire products, wire ropes and fittings. b) Co-ordination of work with ISO/TC 82 Mining and ISO/TC 105 Wire ropes.

**MEMBER SECRETARY : SH SANDEEP KESHAV; CHAIRMAN : SH R.N. SINGH**

<b>SL. NO.</b>	<b>ORGANISATION</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	DIRECTORATE GENERAL OF MINES SAFETY, DHANBAD	SH R.N. SINGH (CHAIRMAN)	SH VIJAY KUMAR KAVALI
2.	AMAR PROMOTERS PVT LTD, SOLAN	SH VIRENDER AGARWAL	SH JATINDER AGARWA
3.	BHARAT COOKING COAL LTD, DHANBAD	SH K K S SINHA	SH R.K MUNSHI
4.	BHARAT WIRE ROPES LTD , MUMBAI	SH SUMIT NADAK	SH AMOL MOKHADKAR
5.	CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH , DHANBAD	DR.MANOJ KUMAR SINGH	DR. DEBASISH BSSAK
6.	DIRECTORATE OF QUALITY ASSURANCE NEW DELHI	COL MANJUNATH B T	LT COL R D MISHRA
7.	DIRECTORATE GENERAL OF MINES SAFETY, DHANBAD	SH RAJ NARAYAN SINGH	SH M. ARUMUGAM
8.	DTE GEN FAC ADVICE SERVICE & LAB INSTT , MUMBAI	SH B. N. JHA	SH SUMIT ROY
9.	DTE GEN OF CIVIL AVIATION, NEW DELHI	SH LALIT GUPTA	SH HILLOL BISWAS
10.	DTE GENERAL OF SUPPLIES & DISPOSALS (QUALITY ASSURANCE WING) , NEW DELHI	SH AKHILESH KUMAR	SH P.K. LAHIRI
11.	DTE. GEN. OF AERONAUTICAL QUALITY ASSURANCE , NEW DELHI	SH NITIN M.	SH SANJEEV DIWAN
12.	EASTERN COALFIELDS LTD , KOLKATA	SH CHATTERJEE	SH KAPIL K. RAI
13.	GARWARE WALL ROPES LTD , PUNE	SH RAVI SHAKAR SINGH	SH S. G. WANKHEDE
14.	KISWIRE AMZONE INTERNATIONAL PVT LTD, MUMBAI	SH SUBHU GHOSH	SH JEFF LEE
15.	MACCAFERRI ENVIRONMENT SOLUTIONS PVT LTD, NAVI MUMBAI	SH ASHISH D. GHARPURE	SMT MINIMOL KORULLA
16.	MINISTRY OF SHIPPING , NEW DELHI	SH B POIYAAMZHI	SH D.J. BASU
17.	MOIL LTD, NAGPUR	SH S.C. RAI	SH ATUL SHARMA
18.	NATIONAL TEST HOUSE, KOLKATA	SH ANGAD VERMA	SH SURESH PARWAL
19.	OIL AND NATURAL GAS COMMISSION , NEW DELHI	SH SUNIL KUMAR TIWARI	SH VINOD KUMAR SINGH
20.	ORIENT WIRE ROPES PVT. LTD , INDORE	SH SAMEER GOLWELKAR	SH SHISHIR AKARTE
21.	PARADIP PORT TRUST, PARADIP	SH B.B. PANIGRAHI	SH MOHAN ATEL KHETRA
22.	SOUTH EASTERN COALFIELDS LTD , BILASPUR	SH S.K. MISHRA	SH G. RAMASWAMI
23.	SHREE STEEL WIRE ROPES LTD, MUMBAI	SH R. N. TIWARI	SH DATTA MHAPARLE
24.	TATA STEEL LTD , DHANBAD	SH A N BHAGAT	SH TANMAY



			BHATTACHARYYA
25.	THE SHIPPING CORPORATION OF INDIA LTD , MUMBAI	SH G.S. BHALLA	CAPT R. MODI
26.	THE SINGARENI COLLIERIES CO LTD	SH IVN PRASADA RAO	SH P. V. RAHAVA RAJU
27.	USHA MARTIN LTD, RANCHI.	SH SUBRATA DUTTA	SH SANDEEP JAISWAL
28.	USHA BRECO LTD, DISTT GHAZIABAD	SH MANOJ PANWAR	SH SANJEEV DHARIWAL
29.	VIDARBHA HARDWARE INDUSTRIES, AKOLA	SH SANJAY O.P DALMIA	SH RAHUL S. DALMIA

**COMPOSITION OF CRANES LIFTING CHAINS AND RELATED EQUIPMENT  
SECTIONAL COMMITTEE, MED 14**

**Scope :** Standardization of cranes, winches, lifting chains, sheaves suspension gears, hooks, swivel and shackles

**MEMBER SECRETARY : SH CHANDAN GUPTA; CHAIRMAN : SH RAMESH DESAI**

<b>SL NO.</b>	<b>ORGANIZATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	BEML LTD , BANGALORE	SH RAMESH DESAI (CHAIRMAN)	--
2.	ABB BANGALORE	SH GUNDE VINOD KUMAR	SH FRANKLIN G STEPHENSON
3.	ACTION CONSTRUCTION EQUIPMENT LTD; (ACE), PALWAL, HARYANA	SH V.K. JADON	SH RAVINDRA LUTHRA
4.	MARATHON ELECTRIC MOTOR (INDIA) LTD., KOLKATA (FORMERLY ALSTOM INDUSTRIAL PRODUCTS LTD)	SH. RAJIV RANJAN	--
5.	ANUPAM INDUSTRIES LIMITED VITHAL UDYOGNAGAR	SH P. JHA	SH S.K. MITRA (ALT-1) DR A.K.JHA (ALT-2)
6.	ARMSEL MHE PVT. LTD BANGALORE	SH. PREET H. HERI	SH M A. ROUFF
7.	BHARAT HEAVY ELECTRICALS LTD , BHOPAL/HARIDWAR	SH HEERALAL BHARANI	SH PK JAIN
8.	BHARAT HEAVY ELECTRICALS LTD , TRICHY	SH M. DHARMALINGAM	SH MARTHANARI ESWARAN
9.	BHARAT HEAVY ELECTRICALS LTD, TIRUCHIRAPALLI	SH K. PALANIVEL	SH M. ARTHANARI ESWAR
10.	BRADY & MORRIS ENGG.CO. LTD	SH. S. GOWRISANKAR	SH. J.B. BHATT
11.	CENTRAL BUILDING RESEARCH INSTITUTE , ROORKEE	SH R.S. BISHT	SH NARENDRA KUMAR
12.	CET, DELHI	SH RAJEEV KUMAR JHA	SH PRIYAJIT SARKAR

13.	DEMAG CRANES AND COMPONENTS (I) PVT LTD, PUNE	SH DEEPAK DESAI	SH NEERAJ WAGHALE
14.	DEMELEC TECHNI CON, NASIK	SH DHRUBA MALLIK	SH MADHURIMA MALLIK
15.	DIRECTORATE GENERAL OF QUALITY ASSURANCE	LT COL A VASUDEVA	SH N SARVANAN
16.	DQA/DGQA, BENGALURU	COL JOSEPH MATTHAI	SH P. MUNIYANDI PSCO
17.	DTE GEN FACTORY ADVICE SERVICE & LABOUR INSTITUTE, MUMBAI	SH B.N JHA	SH S.K. DURAI
18.	EGS COMPUTER INDIA PVT LTD, CHENNAI	SH. NATARAJAN R	SH. B ASHOK
19.	FURNACE & FOUNDRY EQUIPMENT CO , MUMBAI	SH. SHYAM M. GURNANI	SH. SANJOY J. MASAND
20.	HEAVY ENGINEERING CORPN LTD RANCHI	SH RAMJANAM PRASAD	--
21.	HERCULES HOISTS LTD, MUMBAI	SH AR MASURKAR	SH M. S. SAIGAL
22.	HINDUSTAN ZINC LTD, UDAIPUR	SH AK SHRIMALI	
23.	INDIAN CHAIN PVT LTD , KOLKATA	SH. P. CHITLANGIA	SH. LALIT MOHAN
24.	IPSS SECRETARIAT CET , DELHI	SH R.S PRASAD	SH. GULSHAN KUMAR
25.	INTERGRATED LTD, KOLKATA	SH A. K. SADHUKHAN	
26.	M.N. DASTUR & CO LTD , KOLKATA	SH DEBABRATA RAY	SH ANSHUMAN BHANDARI
27.	MARATHON ELECTRIC MOTORS INDIA LTD, KOLKATA	SH SWAPNIL KAUSHIK	SH RAJIV RANJAN
28.	MECON LIMITED , RANCHI	SH G K RANJAN	--
29.	MEGA DRIVES PVT LTD , THANE	SH DEEPAK MAJUMDAR	SH S. CHAKRABORT
30.	MINISTRY OF DEFENCE (DGQA) , AHMEDNAGAR	SH K. SUDHAKARAN	SH RAGHUBIR SINGH
31.	MINISTRY OF SHIPPING , NEW DELHI	LT COL A VASUDEVA	SH N. SARAVANAN
32.	MINISTRY OF SURFACE TRANSPORT , NEW DELHI	SH T.K. DUTTA	--
33.	MONAL CHAINS LIMITED MUMBAI	SH. ANUJ RBS GUPTA	SH D.M. JAIN
34.	MUKAND LTD , DISTT THANE	SH T. MURALIDHAR	SH ANAND MITKARI
35.	MUMBAI PORT TRUST	SH N.G. KAMAT SATOSKAR	SH A.B. UDAVANT
36.	SAIL , BHILAI	DR S.L.SINGH	--
37.	SCHNEIDER ELECTRIC INDIA PVT. LTD., AHMEDABAD	SH. DIPAK PATEL	--
38.	SIEMENS LTD , THANE	SH. SOURAV SADHUKHAN	SH. ZUBIAR SHAKEEL
39.	STEEL AUTHORITY OF INDIA LTD, DELHI	SH NAVEEN KUMAR	SH RS PRASAD
40.	TATA IRON AND STEEL CO LTD, JAMSHEDPUR	SH S.K.SUMAN	SH S.BISWAS
41.	TECHNO INDUSTRIES, AHMEDABAD	SH. J.B.BHATT	SH. NIRAG

			A.CHOKSHI
42.	THE INDIAN LINK CHAIN MFRS LTD MUMBAI	SH P.K. NEVATIA	--
43.	TIL LTD , KOLKATA	SH SRIMANTA DATTA	SH A. CHAKRABORTY
44.	UNIQUE INDL HANDLERS PVT LTD , MUMBAI	SH. G.L. MIRCHANDANI	SH. S.E. BADLAWALA
45.	WMI KONE CRANES LTD , MUMBAI	SH S.M. MALANI	SH NANDKISHORE KULKARNIV

## COMPOSITION OF GAS CYLINDER SECTIONAL COMMITTEE, MED 16

**Scope :** Formulation of standards on gas cylinders for permanent, high pressure liquefiable low pressure liquefiable and dissolved gases; fittings of gas cylinder, namely valve fittings, pressure regulators; pipelines conveying gases; identification colours of gas cylinders; acetylene generators; filling ratios and developed pressures for different gases.

**MEMBER SECRETARY : SH CHANDAN GUPTA; CHAIRMAN : SHRI S.K. SHUKLA**

<b>SL NO.</b>	<b>ORGANIZATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	PETROLEUM AND EXPLOSIVE SAFETY ORGANIZATION ,NAGPUR	SHRI S.K. SHUKLA CHIRMAN	SHRI ASHENDRA SINGH
2	ALL INDIA INDL GASES MFRS ASSN., NEW DELHI	SHRI. SAKET TIKU	SHRI K. R SAHASRANAM
3	ASHOK LEYLAND LIMITED, CHENNAI	SHRI M. RAVI	SHRI VED PRAKASH GAUTAM
4	BHARAT PETROLEUM CORPN LTD , MUMBAI	SHRI S.SRIRAM	SHRI A. PRABHAKAR
5	BHIWADI CYLINDERS PVT LTD, NEW DELHI	SHRI MANVINDER SINGH	SHRI RAJNEESH CHOPRA
6	DIRECTORATE GENERAL OF QUALITY ASSURANCE	LT COL A VASUDEVA	SH N SARVANAN
7	LINDE INDIA LTD , KOLKATA	SHRI RAMANA VUTUKURU	SHRI PARDEEP
8	EVEREST KANTO CYLINDER LTD. , MUMBAI	SHRI P.M. SAMVATSAR	SHRI A.K. KHAMKAR SHRI H.D KHATRI
9	GSPC GAS CO LTD, SURAT	SHRI RAVI RAVIPALLI	--
10	HINDUSTAN PETROLEUM CORPORATION LTD, MUMBAI	SHRI P.N KANTH	SHRI DEBASHISH CHKRAVERTY
11	INDIAN OIL CORPORATION LTD , MUMBAI	SHRI SHANKAR SHARAN	SHRI SANJAY GUPTA
12	INDRAPRASTHA GAS LIMITED, DELHI	SH UJWAL BHANDARI	SHRI ALOK SHRMA
13	INTERNATIONAL INDUSTRIAL GASES LTD , HOWRAH	SHRI. DEVENDRA K. GARG	SHRI NIKHILESH K. GARG
14	INOX INDIA LIMITED , VADODARA	SHRI DEEPAK V PATWARDHAN	SHRI DEEPAK V ACHARYA
15	KABSONS GAS EQUIPMENTS LTD , HYDERABAD	SHRI SATISH KABRA	SHRI. S. GOPALAIAH
16	KOSAN INDUSTRIES LTD , MUMBAI/SURAT	SHRI. SUNIL K. DEY	SHRI S.B. BOLMAL
17	LPG EQUIPMENT RESEARCH CENTRE ,BANGALORE	SHRI K .K THAKUR	SHRI A.K BERA
18	MAHANAGAR GAS LIMITED , MUMBAI	SHRI. S MURALI	SHRI. ARUN NAYAK
19	RESEARCH & DEVELOPMENT ESTT (ENGINEERS) , PUNE	SHRI P. K. CHATTOPADHYAY	SHRI A. BASU
20	SAKHA ENGINEERS PVT LTD , NEW DELHI	SHRI. AMARJIT S. KOHLI	SHRI. R. ADMANABAN
21	SOCIETY OF INDIAN AUTOMOBILE MANUFACTURERS, NEW DELHI	SHRI K.K. GANDHI	SHRI AMIT KUMAR
22	RDCIS, STEEL AUTHORITY OF INDIA	SHRI DEBASHIS	DR ANJANA DEVA

	LTD, RANCHI	KARMAKAR	
23	SUPREME CYLINDERS LTD , DELHI	SHRI M.L. FATHEPURIA	--
24	TATA MOTORS LTD, PUNE	SHRI PALLIPALAYAMGOWRI SHANKAR	SHRI SHAILENDRA DEWAGAN
25	TEKNO VALVES , KOLKATA	SHRI Y.K. BEHANI	SHRI ROHIT BEHANI
26	THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA, PUNE	DR S.S. THIPSE	SHRI S.D. RAIRIKAR
27	TRANS VALVES (INDIA) PVT LTD HYDERABAD	SHRI A.K. JAIN	SHRI P K MATHUR
28	VANAZ ENGINEERS PVT LTD , PUNE	SHRI S.J. VISPUTE	SHRI. A S LATKE

# SECTIONAL COMMITTEE, MED 17

**Scope :** a) Formulation of standards for equipment including industrial valves used in chemical industry. b) co-ordination of work with ISO/TC 112 Vacuum technology, ISO/TC 116 Space heating appliances and ISO/TC 153 Valves.

**MEMBER SECRETARY: SH SANDEEP KESHAV; CHAIRMAN : SH AMAR KUMAR JAIN**

<b>SL. NO.</b>	<b>ORGANIZATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	INDIAN INSTITUTE OF PETROLEUM, DEHRADUN	SH AMAR KUMAR JAIN (CHAIRMAN)	
2	ADVANCE VALVES GLOBAL, NOIDA	SH. RAMESH KUMAR HANDA	SH. OMKESH SINGH
3	BHABHA ATOMIC RESEARCH CENTRE, MUMBAI	SH. BHUSAN MUDHOLKAR	--
4	BHARAT HEAVY ELECTRICALS LTD, HYDERABAD	SH C. PAUL SHARMA	--
5	BHARAT HEAVY PLATE AND VESSELS LTD, VISHAKHAPATNAM	SH B. SATYESWARA RAO	SH ANJAPALY MADJSUD
6	BHARAT PETROLEUM CORPORATION LTD, BOMBAY	SH. RAJESH WADHWAN	SH. YOGESH V APTE
7	CENTRE FOR ENGINEERING & TECHNOLOGY, SAIL, NEW DELHI	SH R.K. ANAND	SH HARSHARAN SINGH
8	DEP OF INDUS POLICY AND PROMOTION, NEW DELHI	SH K.K. TIWARI	SH B.C. NAYAK
9	DEVELOPMENT CONSULTANTS LTD, KOLKATA	DR A.R. GHOSAL	SH P. PURAKAYASTHA
10	DIRECTORATE GEN FACTORY ADVICE SERVICE & LABOUR INSTITUTES, MUMBAI	SH A. SREERAMULU	SH N. VARADHARAJAN
11	HINDUSTAN PETROLEUM CORPN LTD, MUMBAI	SH MANOJ S. RATHOR	SH RAJENDRA S VALOTIA
13	INDIAN INST OF CHEMICAL ENGINEERS, KOLKATA	SH G.V. SETHURAMAN	SH ARUN KUMAR SAXENA
14	INDIAN INSTITUTE OF PETROLEUM, DEHRADUN	DR M.O. GARG	DR SHRIKANT NANOTI
15	INDIAN INSTITUTE OF TECHNOLOGY, CHENNAI	SH SRINIVAS JAYANTI	SH A KANNAN
16	INDIAN OIL CORPORATION LTD, NEW DELHI	SH A.L. KOSTA	--
17	INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATE MUMBAI	SH S.K. CHAKRABORTY	SH K. RAJ KUMAR
18	INDIAN SPACE RESEARCH ORGANISATION, BANGALORE	SH S. K. KANUNGO	SH T.S. RAGHURAM
19	LARSEN & TOUBRO LTD. BOMBAY	SH. G. K. SADEKAR	SH. ANIL KUMAR MODI
20	LATHIA RUBBER MFG CO PVT LTD,	SH SANJIV S. LATHIA	SH Y.S. LATHIA

	MUMBAI		
21	LEADER VALVES LTD JALANDHAR	SH HEMANT BERI	SH R.C. CHADHA
22	MECON LIMITED , RANCHI	SH PRAVIN KUMAR	SH K.K. THAKUR
23	NATIONAL PHYSICAL LABORATORY, NEW DELHI	DR RAJEEV CHOPRA	--
24	NATIONAL THERMAL POWER CORPN LTD , NOIDA	SH JADAV DATTA	SHRI U.R. KHOSLA
25	PROJECTS & DEVELOPMENT INDIA LTD , NOIDA	SH RAJEEV RANJAN KUMAR	SH SANJEEV MISHRA
26	PMMAI	SH PRADIP VANWANI	SH T. NANDHA KUMAR
27	TOYO ENGINEERING INDIA LTD, MUMBAI	SH S. VASANT WAGLE	--
29	UHDE INDIA PRIVATE LIMITED, MUMBAI.	MRS SULOCHANA RAMAKRISHNAN	SHRI PRASAD KHANDALEKAR

**CONSTRUCTION PLANT AND MACHINERY SECTIONAL COMMITTEE, MED 18**

**Scope :** a) Formulation of standards for construction plant and machinery used in the field of civil engineering. b) Co-ordination of work with ISO/TC 195 `Building construction machinery and equipment.

**MEMBER SECRETARY: SH CHANDAN GUPTA; CHAIRMAN : BRIG S.M. AHMED**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	MINISTRY OF DEFENCE, DGQA	BRIG S.M. AHMED CHAIRMAN	SH P.P MAHESHKAR,
2	AIMIL LTD	SH. K.K.V. YASAS	
3	AIRPORT AUTHORITY OF INDIA , NEW DELHI	SH G.K. CHOUDHARY	SH R.L. SHARMA
4	AMMANN APOLLO INDIA PVT LTD , AHMEDABAD	SH DHARMESH MASHRU	SH ANAND PATEL
5	ATLAS COPCO (INDIA) LTD , PUNE	SH M. S. TIWARI	SH VISHAL PATIL
6	CATERPILLAR INDIA PVT TLD	SH K. REJI JOSE	SH BIJU KRISHNAN
7	CENTRAL BUILDING RESEARCH INSTITUTE	DR SUVIR SINGH	DR RAJIV KUMAR
8	CENTRAL WATER COMMISSION ,	SH. ATUL JAIN	SH PRADEEP KUMAR
9	DIRECTORATE GENERAL BORDER ROADS , NEW DELHI	SH P.R. RAY	
10	DIRECTORATE OF QUALITY ASSURANCE	BRIG S M AHMED	LT COL MANJUNATH B T
11	ENGINEER IN CHIEF'S BRANCH , NEW DELHI	DR RAM VERMA	SH MANOJ KUMR
12	ESCORTS CONSTRUCTION EQUIPMENT LTD , FARIDABAD	SH SHIVRAJ JOSHI	SH ABHINAV GUPTA
13	IN PERSONAL CAPACITY	SH S.N. MAHAJAN	
14	IN PERSONAL CAPACITY , NEW DELHI	SH HANS RAJ,AVSM,VSM	
15	IN PERSONAL CAPACITY	SH RAJENDRA JEE	
16	INDIAN CONSTRUCTION EQUIPMENT MANUFACTURERS' ASSOCIATION , BANGALORE	SH K V KRISHNAMURTHY	
17	IRCON INTERNATIONAL LTD , NEW DELHI	SH RANDHIR GUPTA	SH S K RAY
18	JAYPEE INDIA LIMITED , KOLKATA	SH KUMAR M. MEHTA	SH RAHUL KUMAR TEOTIA
19	JOHN DEERE INDIA PVT LTD , PUNE	SH KARTHIK KALIAPPAN	SH VIVEK JOSHI
20	KYB CONMAT PRIVATE LIMITD	SH NAGESH KUDVA	SH KALPESH SONI
21	L& T-CASE EQUIP PVT LTD , DISTT DHAR	SH U.S. KULKARNI	SH RAJIV SHALIA
22	MIN OF ROAD TRANSPORT & HIGHWAYS , NEW DELHI	SH K.C. SHARMA	SH ROHIT SINGH
23	MINISTRY OF DEFENCE, CQAE , NEW DELHI	COL SURESH K	LT COL A.K. MAURYA
24	NATIONAL COUNCIL FOR CEMENT & BUILDING MATERIALS	SH. KAPIL KUKREJA	SH SAURABH BHATNAGAR
25	SHAPOORJI PALLONJI & CO LTD	SH NEERAJ KAPOOR	
26	UNIVERSAL CONSTRUCTION MACHINERY & EQUIPMENT LTD, PUNE	SH RANJEET MORE	SH RAVI CHAVAN

**COMPOSITION OF PUMPS SECTIONAL COMMITTE, MED 20**



**Scope :** a) Formulation of standards on components, equipment, methods of tests and code of practices for different type of pumps, excluding handpumps. b)Co-ordination of work with ISO/TC 115 Pumps.

**MEMBER SECRETARY : SH A.K. MOHINDROO; CHAIRMAN A.K. NIJHAWAN**

<b>SL NO</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER/</b>	<b>ALTERNATE MEMBER</b>
32.	FERTILIZERS AND CHEMICALS TRAVANCORE (FACT), NEW DELHI	SH A.K. NIJHAWAN (CHAIRMAN)	--
33.	AQUASUB ENGINEERING, COIMBATORE	DR C. MURUGESAN	SH. P. RAMESH
34.	BEST ENGINEERS PUMPS PVT. LIMITED, COIMBATORE	SMT. C.G. SRIPRIYA	SH T. PARTIBAN
35.	BHARAT PETROLEUM CORPORATION LTD., MUMBAI	SH RAJESH C. AGARWL	--
36.	BUREAU OF ENERGY EFFICIENCY, NEW DELHI	SH S.P. GARNAIK	SH VINEETA KANWAL
37.	CENTRAL WATER & POWER RESEARCH STATION	SH PRAMOD KUMAR GOEL	SH ABDUL RAHIMAN P.M.
38.	CROMPTON GREAVES CONSUMER ELECTRICALS LIMITED, MUMBAI	SH PANDHARI SUSAR	SH PRAVIN GARJE
39.	DELHI JAL BOARD, NEW DELHI	SH RAKESH SETH	--
40.	DIRECTORATE GENERAL OF QUALITY ASSURANCE	SH G ARAVINDAN	SH V S PIPPAL
41.	ELECTRICAL RESEARCH & DEVELOPMENT ASSOCIATION (ERDA), VADODRA, GUJRAT	SH RAVI PRAKASH SINGH	SH GAUTAM BRAHMBHATT
42.	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE, GANDHINAGAR	SH L.S. SHARMA	
43.	ENGINEERS INDIA LTD; NEW DELHI	SH DINESH BHATIA	SH MAHESH GUPTA
44.	GAIL INDIA LTD, NEW DELHI	SH SATISH GEDA	--
45.	HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI	SH P VENKATA NARAYANA	SH ARIJIT SANYAL
46.	INDIAN PUMP MFRS ASSOCIATION, MUMBAI	SH YOGESH MISTRI	SH UTKARSH A CHHAYA
47.	IN PESONAL CAPACITY, MUMBAI	SH. S. L.ABHYANKAR	--
48.	INTERNATIONAL COPPER ASSOCIATION INDIA, MUMBAI	SH ABHISHEK DHUPAR	SH DEBDAS GOSWAMI
49.	IRRIGATION DEPARTMENT, U.P.	SH S. N. SHARMA	SH I. J. VERMA
50.	JYOTI LTD PUMPS DIVISION, VADODARA	SH D. P. PATEL	R.B. SHAH
51.	KIRLOSKAR BROTHERS LIMITED, PUNE	SH RAVINDRA	SH. VASANT GODBOLE
52.	KIRLOSKAR EBARA PUMPS LTD., PUNE	SH A.S. JOSHI	SHV.K. SHRIVASTAVA
53.	KSB PUMPS LIMITED, PUNE	SH ABHAY VIRKAR	SH SANJEEV KUMAR CHOUDHRY
54.	MANGALORE REFINERY AND PETROCHEMICALS LTD, MANGALORE	SH ADARSH G A	SH P RAJENDRAN
55.	MATHER AND PLATT PUMPS LTD , PUNE	DR B.C. BHAOYAL	SH J.V. MULAY
56.	MECON LIMITED , RANCHI	SH P.S. RAO	SH A. GANGAL

57.	NATIONAL BANK FOR AGRI & RURAL DEVL P., MUMBAI	SH A. R. KHAN	SH K.I. SHARRIFF
58.	PETROLEUM CONSERVATION RESEARCH ASSOCIATION, NEW DELHI	SH A.K. GOEL	DR ABHAY SHARMA
59.	PROJECTS & DEVELOPMENT INDIA LTD., VADODARA	SH A.K. GUPTA	SH D.K. VOHRA
60.	PUBLIC HEALTH ENGINEERING DEPTT., JAIPUR	SH SK. KULSHRESHTHA	SH R.C. GOEL
61.	NORTH INDIA PUMP MANUFACTURERS ASSN., PHAGWARA	SH C. L. GARG	SH SURENDER S. KALSI
62.	RAJKOT ENGG ASSOCIATION, RAJKOT	SH D.R. SHAH	--
63.	THE SOUTHERN INDIA ENGG MFRS ASSN., COIMBATORE	SH K.V. KARTIK	SH I. D. JAYAPRAKASH
64.	UL INDIA PVT. LTD, BENGALURU	SH SATISH KUMAR	V. MANJUNATH

**Scope :** a) Formulation of standards for diamond core drilling equipment and water well drilling rigs including their accessories. It also includes codes of practice for drilling and boring operations. b)Co-ordination of work with ISO/TC 82 Mining Through, ISO/TC 82/SC 5 - Rock drilling and SC 6 Diamond core drilling equipment

**MEMBER SECRETARY: MS. KHUSHBOO JYOSTANA KINDO; CHAIRMAN : SH AJAY AGRAWAL**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	GEOLOGICAL SURVEY OF INDIA , KOLKATA	SH AJAY AGRAWAL CHAIRMAN	SH ANUP KUMAR JOHRI
2.	AMKO MINING AND DRILLING EQUIPMENT PVT LTD , MUMBAI	SH M.G. KUVAWALA	SH H.M. KUVAWALA
3.	ATLAS COPCO (I) LTD. , PUNE	SH SHUDHANSHU NIGAM	SH S. DATTA MAJUMDAR
4.	ATOMIC MINERALS MDIRECTORATE FOR EXPLORATION AND RESEARCH, HYDERABAD	SH A.B. ANAND	SH P.S. CHATTOPADHYAY
5.	AQSEPTENCE GROUP INDIA PVT. LTD. (FORMALY KNOWN AS JOHANSON SCREENS INDIA PVT.LTD)	SH RAKESH ARORA	SH PRAKASH B. SHAH
6.	CENTRAL GROUND WATER BOARD, FARIDABAD	SH ALOK DUBE	SH SHIVASHANKAR
7.	CENTRAL WATER COMMISSION , NEW DELHI	SUPRITENDANT ENGINEER	DIRECTOR
8.	DRILBITS INTERNATIONAL PRIVATE LIMITED , NASHIK	SH Y.V.RAMANA MURTHY	SH TUSHAR PAUL
9.	DRILLMAX RIGS PVT LTD, MUMBAIS	SH R. K. BIJLANI	SH R. B. DESAI
10.	DTE OF MINES AND GEOLOGY, UDAIPUR	SH N. K. PARIHAR	SH N. K. JONWAL
11.	IN PERSONAL CAPACITY, CHANDIGARH	SH M. CHANDRA JINDAL	--
12.	INDIAN PUMP MANUFACTURERS ASSOCIATION , MUMBAI	SH S. B. PATIL	SH S.L. ABHYANKAR
13.	INDIAN SCHOOL OF MINES , DHANBAD	DR A.K. PATHAK	--
14.	KORES (INDIA) LTD , WORLI, MUMBAI	SH SANDEEP DHOLI	--
15.	MINERAL EXPLORATION CORPORATION LTD , NAGPUR	SH S.M. JOSHI	SH J. G. JANGLA
	MINING ASSOCIATES PVT LTD , ASANSOL	SH RAM BABU BANSAL	SH ANJAY BANSAL
16.	RAJIV GANDHI INSTITUTE OF PETROLEUM ENGINEERING , RAE BARELI	PROF. C.K. JAIN	--
17.	RITES LTD , GURGAON	SH S. KUNAL	SH P.C. DEWLI
18.	ROCKDRILL (INDIA) , JODHPUR	SH KAMALKISHOR GUPTA	SH RAVINDRA KU. GUPTA
19.	SANDVIK SMITH ASIA LTD , MEDAK DISTT	SH RANGAYYA NAIDU	SH N.BHASKARA REDDY
20.	THE SINGARENI COLLIERIES CO. LTD , KOTHAGUDEM	SH V. RAMA RAO	SH N. SUBHASH CHANDRA
21.	USHA INTERNATIONAL LTD, GURGAON	SH ROHIT MATHUR	SH MUDIT MATHUR
22.	WATER & POWER CONSULTANCY SERVICES (INDIA) LTD , GURGAON	SHRI ANUPAM MISHRA	DR. J.K. RAI

## COMPRESSORS, BLOWERS AND EXHAUSTERS SECTIONAL COMMITTEE, MED 22

**Scope :** a)Formulation of standards for compressors, blowers, exhausters and their related accessories. It also covers methods of measuring various quantities connected with the testing and code of practices. b) Preparation of technical supply conditions and acceptance tests for centrifugal, reciprocating, rotary and dynamic compressors, blowers and exhausters. c) Co-ordination of work with ISO/TC 118 Compressors, Pneumatic Tools and Pneumatic machines.

**MEMBER SECRETARY : SH A.K. MOHINDROO; CHAIRMAN : SH S. DURAIRAJ**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	BHARAT HEAVY ELECTRICALS LTD , HYDERABAD	SH S. DURAIRAJ CHAIRMAN	--
2.	BHARAT HEAVY ELECTRICALS LTD , HYDERABAD	SH V PSHYAM SUNDAR CHAIRMAN	SH Y V RAMA LAKSHMI
3.	ABB GLOBAL INDUSTRIES & SERVICES PVT LTD , BANGALORE	SH N. S. PRASAD	--
4.	BHARAT PETROLEUM CORPORATION LTD , ERNAKULAM	SH K. RAVI	--
5.	BURCKHARDT COMPRESSION INDIA PVT LTD , PUNE	SH R. S. GUNAJI	SH A.BHASKAR PRABHUNE
6.	CENTRAL SMINE PLANNING & DESIGN INSTITUTE LTD , KOLKATA	SH. R. DASGUPTAQ	--
7.	DRESSER-RAND INDIA PVT LTD (A SIEMENS BUSINESS) , GUJARAT	SH M. H. VYAS	SH J.B. RAVAL
8.	ELGI EQUIPMENTS LIMITED , COIMBATORE	SH JAYARAJ B	SH JEYASELVAN M
9.	ENGINEERS INDIA LIMITED , NEW DELHI	SH RAVINDER KUMAR	SH A.K. NIJHAWAN
10.	GAIL (INDIA) LTD , NEW DELHI	SH SATISH GEDA	
11.	HINDUSTAN PETROLEUM CORPORATION LTD , MUMBAI	SH M. RAMBABU	SH P. VENKATANARAYANA
12.	IN PERSONAL CAPACITY , HYDERABAD	SH P. NAGESWARA RAO	--
13.	INDIAN OIL CORPORATION LTD. , MUMBAI	SH P.K. JAIN	--
14.	INDIAN REGISTER OF SHIPPING , MUMBAI	SH PRADEEP BANSAL	SH ATUL MANI SHARMA
15.	KIRLOSKAR PNEUMATIC CO LTD , PUNE	SH. NEERAJ BHARGAVA	SH AVDHOT BHIDE
16.	MECON LTD , RANCHI	SH A.K. BAIRAGI	SH A.K. MODI
17.	MINISTRY OF DEFENCE (DGQA) , PUNE	LT COL SANTANU ROY	SH V.S. PIPPAL
18.	NATIONAL FERTILIZERS LTD , PANIPAT	SH S.K. SHARMA	SH RAMAN GAMBHIR
19.	NATIONAL PHYSICAL LABORATORY , NEW DELHI	SH J.C. SHARMA	SH H.N.P. PODDAR
20.	NATIONAL THERMAL POWER CORPORATION ,	SH S.K. JHA	--
21.	NEUMAN & ESSER ENGINEERING	SH S KUMAR PUDURU	SH MAHESH DIXIT

	(I) PVT LTD , PUNE		
22.	OIL AND NATURAL GAS CORPORATION LTD , DEHRADUN	SH BRAJ KISHOR RAI	SH VINOD KUMAR SINGH
23.	PROJECTS & DEVELOPMENT (INDIA) LTD , NOIDA	SH S. MANDILWAR	SH A.K. SINGH RUHEL
24.	RELIANCE INDUSTRIES LTD , MUMBAI	SH S.K. GARYALI	SH RANJIT S. MUNDRA
25.	RESEARCH DESIGN & STANDARDS ORGANIZATION , LUCKNOW	SH S.P. GOVIL	--
26.	TATA CHEMICALS LTD , BADAUN	SH M. S. PRASAD	SH AJOY KUMAR SINGH

**Scope :** Domestic and commercial gas burning appliances (pressure type) such as gas stoves, oven, cooking ranges and water heaters, including gobar gas stoves

**MEMBER SECRETARY : SH SANDEEP KESHAV; CHAIRMAN : SH K K THAKUR**

<b>SL. NO.</b>	<b>ORGANIZATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	LPG EQUIPMENT RESEARCH CENTRE , BANGALORE	SH K K THAKUR CHAIRMAN	SH R. RAJAKUMAR
2.	ADVANCED PRODUCT DESIGN AND PROTOTYPING BENGALURU	SH ULLAS N. PRADHAN	PROF. B. GURUMOORTHY
3.	AGNI SUMUKH, BANGALORE	SH HARI RAO	SH SANDEEP KUMAR JAIN
4.	ALL INDIA LP GAS STOVE ASSOCIATION, DELHI	SH M.L. ANAND	SH SUNIL TALWAR
5.	BHARAT PETROLEUM CORPORATION , LTD, MUMBAI	SH S.SRIRAM	SH A. PRABHAKAR
6.	BUREAU OF ENERGY EFFICIENCY	SH SANDEEP GARG	--
7.	CENTRE OF TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT, FARIDABAD	DR. S. P. SRIVASTAVA	SH R. K. PAULASTYA
8.	CHEMO ELECTRONIC LABORATORY, DISST VALSAD	DR. R. C. NAIK	SH RANJAN A. JOSHI
9.	DELTON INDUSTRIES, NEW DELHI	SH R.C. NANGIA	SH VIVEK NANGIA
10.	DIR GEN QUALITY ASSURANCE, NEW DELHI	SH SRIRAM	SR HHP TIWARI
11.	GANDHIMATHI APPLIANCES LTD, CHENNAI	SH V. M. KUMARESAN	SH K. SIVASUBRAMANIAN
12.	GOYAL ENGINEERS (P) LTD , DELHI	SH D.P.GOYAL	SH AJAY GOYAL
13.	HINDUSTAN PETROLEUM CORPN LTD, MUMBAI	SH M. SELVA KUMAR	SH ALOK KUMAR GUPTA
14.	IDEAL ENGINEERS HYDERABAD LTD, HYDERABAD	SH SATISH KABRA	SH DEEPAK KABRA
15.	IN PERSONAL CAPACITY	SH M.K. GUPTA	--
16.	INDIAN INSTITUTE OF PETROLEUM, DEHRADUN	SH PANKAJ KUMAR ARYA	SH V.K. VERMA
17.	INDIAN OIL CORPN (R&D CENTRE), MUMBAI	SH ASHUTHOSH TIWARI	SH SUNIL M.RAMBHAL
18.	INDIAN OIL CORPN LTD, FARIDABAD	SH S. P. DUBEY	SH R. MAHAPATRA
19.	INDRAPRASTHA GAS LIMITED , NEW DELHI	SH BHUDEV SINGH	SH K.C. DEWANGAN SH PANKAJ
20.	MAHANAGAR GAS LIMITED, MUMBAI	SH NAVEEN GUPTA	SH B.RAM SUDHEER
21.	M/S SANJAY TECHNO PLAST PVT. LTD AURANGABAD	SH PRASAD KOKHIL	--
22.	PETROLEUM CONSERVATION RESEARCH ASSOCIATION, NEW DELHI	SH A. K. GOEL	SH AJIT KUMAR
23.	RACOLD THERMO LTD, PUNE	SH ABHIJIT BANSHELKIKAR	--
24.	RAMA DOMESTIC APPLIANCES, NEW DELHI	SH AMARJEET SINGH .KOHLI	SH MANMOHAN KRISHNAN
25.	SUNFLAME INDUSTRIES, FARIDABAD	SHRI K.L.VERMA	SH SANDEEP JUNEJA
26.	SUPERFLAME APPPLIANCES PRIVATE LIMITED , FARIDABAD	SHRI VIKRAM VERMA	--

27.	UNITED WORKS PVT LTD, MUMBAI	SHRI VICTOR MACMULL	SH S.BHORGHARKAR
28.	VANAZ ENGINEERING LTD , PUNE	SHRI A. A. TAMBOLI	SH A. S. LATKE

**Scope** : Formulation of standards for safes; cash boxes; strong room doors and safe deposit locker cabinets, ventilation equipment for banks etc.

**MEMBER SECRETARY : SH CHANDAN GUPTA; CHAIRMAN : SH J.JAYAPRAKASH**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	RESERVE BANK OF INDIA , MUMBAI	SH J.JAYAPRAKASH CHAIRMAN	--
2	AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA , PUNE	SH A.V MANNIKAR	SH M. SREENIVASULU
3	BANK OF INDIA , MUMBAI	CAPT RAKESH PATNEY	CAPT. VIRINDER MINHAS
4	CENTRAL BANK OF INDIA	COL A.K. JHA	--
5	CENTRAL BUILDING RESEARCH INSTITUTE , ROORKEE	DR SUVIR SINGH	DR RAJIV KUMAR
6	DIRECTORATE GENERAL OF SUPPLIES & DISPOSAL , NEW DELHI	SH RAKESH KUMAR	SH SHLOK BHARDWAJ
7	EMTAC LABORATORIES PVT LTD , HYDERABAD	SH C.K. MAHESHWARI	--
8	GODREJ AND BOYCE MFG. CO. LTD , MUMBAI	SH P.CHOUTHKANTHIWAR	SH PUSHKAR GOKHALE
9	GUARDWEL INDUSTRIES PVT LTD , MUMBAI	MR. JOHN DMELLO	SH LEON GEORGE
10	GUNNEBO INDIA PVT LTD , THANE	SH ASHUTOSH SATPUTE	SH KETAN RAJE
11	IN PERSONAL CAPACITY , MUMBAI	SH S M VENKATACHALAM	--
12	IN PERSONAL CAPACITY	SH AJIT G. NARAVANE	--
13	INDIAN BANKS' ASSOCIATION	SH K. UNNIKRISHNAN	--
14	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY , MUMBAI	PROF P.P. DATE	--
15	INDIAN OVERSEAS BANK	CAPT M.P. SIVAN	--
16	INSURANCE REGULATORY & DEVELOPMENT AUTHORITY , HYDERABAD	SH T S NAIK	--
17	METHODEX SYSTEMS LTD , INDORE	SH S.K. SINGH	SH SAMEER SAXENA
18	PUNJAB NATIONAL BANK , NEW DELHI	CAPT B.K. TYAGI	SHRI ARUN KUMAR
19	RESERVE BANK OF INDIA , MUMBAI		SH S.V. KAKADE
20	SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH	DR TARSEM SINGH SIAN	DR AJEET K. AGRAWAL
21	SAFEAGE SECURITY PRODUCTS PVT LTD.	SH RAJAN VASANOI	SH NARESH PANCHAL
22	SHERNI LOCKS MFRS PVT LTD , PUNE	SH FAROKH KUTAR	SMT. ARTI GUPTA
23	STATE BANK OF INDIA , MUMBAI	CAPT ARUN THAKUR	CAPT SUSHIL SINGH
24	TATA CONSULTANCY SERVICES , NEW DELHI	SH AJIT MENON	DR R.K. RAGHAVAN
25	THE GEM AND JEWELLERY EXPORT PROMOTION COUNCIL , MUMBAI	SH KONAL DOSHI	SH VIJAY KAPOOR
26	UNION BANK OF INDIA , MUMBAI	BR ASHUTOSH SIROTHIA	CAPT GOPALAKRISHNANN
27	VOICE, NEW DELHI	SH M.A.U. KHAN	



## COMPOSITION OF PRINTING MACHINERY SECTIONAL COMMITTEE MED 25

**Scope :** Formulation of standards on printing machinery and components covering terminology, dimensions, performance, maintenance and safety requirements

**MEMBER SECRETARY : SH A.K.MOHINDROO; CHAIRMAN: SH A. K. BANSAL**

<b>SL NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBE</b>
1.	DIRECTORATE OF PRINTING, NEW DELHI	SH A. K. BANSAL (CHAIRMAN)	--
2.	ALL INDIA FED. OF MASTER PRINTERS, NEW DELHI	SH. HARJINDER SINGH	1) SH. AMSG ASHOKAN 2) SH. ARVIND B. MARDIK
3.	DIRECTORATE GEN OF SUPPLIES AND DISPOSALS, NEW DELHI	SH A.K. VERMA	SH S.K. AGGARWAL
4.	DTE OF ADVERTISING & VISUAL PUBLICITY , NEW DELHI	SH S. ROY	SH V.K. MEENA
5.	GOVT OF KARNATAKA DEPT OF PRTG STATNRY & PUB, BANGALORE	SH. RAVISHANKAR	--
6.	DEPARTMET OF PRITING, TECHNOLOGY, HISAR	PROF. DR. ANNAN KUMAR BARAL	SH ANKIT BOORA (ALT)
7.	HMT MACHINE TOOLS LIMITED, BANGALORE	SH. BIDAR C.M.	SH. OMMEN THOMAS
8.	IN PERSONAL CAPACITY, FARIDABAD	SH B. L. GUPTA	--
9.	INDIAN PRINTING, PACKAGING & ALLIED MACHINERY NOIDA	SH. S. DAYAKER REDDY	SH NAVEEN GUPTA (ALT)
10.	KARNATAKA STATE PRINTER ASSOCIATION, BANGALORE	SH T. V. MUKUND	SH B. L. SRINIVASA
11.	MANUGRAPH INDUSTRIES LTD, SHIROLI, KOLHAPUR, MAHARASHTRA	SH MAHESH MADHUKAR JOSHI	--
12.	OFFICE OF THE DEVELOPMENT COMMISSIONER (SSI), NEW DELHI	SH U C SHUKLA	SH KANWALINDER SINGH SODHI
13.	SWASTIKA PRINTWELL(INDIA)PVT, LTD;, LUCKNOW	SH. HARJINDER SINGH	--
14.	THOMSON PRESS(INDIA) ALTD, FARIDABAD	SH. R.B. PANDEY	SH. R.M. KAUSHIK
15.	THE PRINTERS HOUSE PVT LTD., BALLABGARH	SH N.D. PANDEY	SH SASHI BHUSHAN RAI
16.	AUTOPRINT, COMBATORE	SH K. G. SURESH	SH P. S. BALASUBRAMANIAN
17.	LUCKNOW PRINTERS ASSOCIATION, LUCKNOW	SH HARJINDER SINGH	--

## COMPOSITION OF OIL BURNING APPLIANCES SECTIONAL COMMITTEE MED 26

**Scope :** a) All types of oil burning, heating and lighting appliances. b) Co-ordination of work with ISO/TC 109 Oil burners and associated equipment.

**MEMBER SECRETARY : SH A.K.MOHINDROO; CHAIRMAN: DR KANNAN CHANDRASEKARAN,**

<b>SL. NO</b>	<b>ORGANIZATION</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	INDIAN OIL CORPORATION LTD., R&D CENTER, FARIDABAD (HARYANA)	DR KANNAN CHANDRASEKARAN, (CHAIRMAN)	--
2	ASHOK IRON & STEEL FABRICATORS PVT LTD, RAJKOT	SH H.V. BARCHHA	SH V.V. BARCHHA
3	CENTRE OF TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT FARIDABAD	DR S.P. SRIVASTAV	SH R.K. PAULASTYA
4	DGQA (MINISTRY OF DEFENCE), NEW DELHI	SH M.V. KUMBHALKAR	SH. S.J. KOLARKAR
5	DTE GEN OF SUPPLIES & DISPOSAL NEW DELHI	SH S.C.CHADA	SH V.K.VERMA
6	FEDERATION OF CONSUMER ORGANIZATIONS, CHENNAI	PROF. DR.P.DURASINGAM	SH R.SARVANAN
7	INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI	DR P. MAHANTA	--
8	INDIAN INSTITUTE OF PETROLEUM (CSIR), DEHRADUN	SH PANKAJ KUMAR ARYA	--
9	INDIAN OIL CORPORATION LTD, FARIDABAD	SH K. CHANDRASEKARAN	SH. S.P. SINGH
10	MINISTRY OF DEFENCE(DGQA), NEW DELHI	SH. S.J. KOLARKAR	LT COL N. MUKHERJEE
11	OFFICE OF THE DEVELOPMENT COMMISSIONER, (SSI) , NEW DELHI	SH SANJEEV CHAWLA	SH KANWLINDER SINGH SODHI
12	PREMIER INDL. CORPN. COIMBATORE	SH SHYAM SUNDER	SH R. SIVA KUMAR
13	PETROLEUM CONSERVATION RESEARCH ASSOCIATION, NEW DELHI	SH SUNIL BAHL	DR RAMESHWAR K SHARMA
14	R.K. PRODUCTS, MADURAI	SHRI C. KASI	--
15	SERVALS AUTOMATION PVT LTD, CHENNAI	SHRI P. MUKUNDAN	SHRI RAJAN PHILLIP
16	THE BOMBAY LIGHT & STOVEMERCHANT'S ASSOCIATION, MUMBAI	SHRI MAHESH D. BAKHAI	--
17	THE SOUTH INDIA KEROSENE WICK STOVE MANUFACTURERS ASSOCIATION, MADURAI	SHRI C. KASI	SHRI T. CHIDAMBARAM

## COMPOSITION OF HAND PUMPS SECTIONAL COMMITTEE, MED 27

**Scope :** Formulation of standards on components, equipment and code of practice for different types of handpumps and manually operated pumps

**MEMBER SECRETARY : SH A.K.MOHINDROO; CHAIRMAN: SH SURESH KUMAR,**

SL NO	ORGANISATION REPRESENTED	PRINCIPAL MEMBER	ALTERNATE MEMBER
1	CROWN AGENTS SERVICES (INDIA) LTD., NEW DELHI	SH SURESH KUMAR, (CHAIRMAN)	--
2	AJAY INDUSTRIAL CORPORATION, GHAZIABAD	SH DIGENDRA PRATAPS	--
3	AOV INTERNATIONAL, NOIDA	SH GUR KIRPAL SINGH	SH ASHOK KUMAR
4	APEX INTERNATIONAL	SH LALIT KHANNA	SH SANJAY KUMAR
5	A P PANCHAYATIRAJ & RURAL DEV DEPTT, HYDERABAD	SH G R NAIDU	SH G K MURTHY
6	DC MSME , NEW DELHI	SH. U.C. SHUKLA	SH. KANWALINDER SINGH
7	DTE GEN OF SUPPLIES & DISPOSALS (QA WING), NEW DELHI	SH. S. K. RASTOGI	SH. D.N. GAUR
8	DTE OF GROUNDWATER SURVEY & DEVELOPMENT AGENCY(GSDA)	SH S.V. DESHPANDE	SH INGOLE D.D.
9	FREE LANCE CONSULTANT, NOIDA	SH. ARUN KUMAR MUDGAL	--
10	GROUND WATER SERVERY & DEVELOPMENT AGENCY (GSDA) , PUNE		--
11	MEERA & CEIKO PUMPS PVT. LTD., SECUNDERABAD	SH MAHESH K. DESAI	SH MAHENDER KUMAR
12	MINISTRY OF DRINKING WATER & SANITATION, NEW DELHI	SH DINESH CHAND	SH G BALASUBRAMANIAM
13	OFFICE OF THE DEVELOPMENT COMMISSIONER (MSME), NEW DELHI	SH RAJAMONICKAM	SH MOHD. ALI RAHMAN
14	ORI-PLAST LIMITED, KOLKATA	SH SOMNATH MUKHERJEE	SH SURJIT KUMAR SATPATHY
15	P H E DEPARTMENT, GOVT OF RAJASTHAN, JAIPUR	SH NIRMAL CHITTORA	EX ENGR-II (MAT MGMNT)
16	P.H.E. DEP, GOVT OF MADHYA PRADESH, BHOPAL	SH N.K. SEHRA	--
17	SGS INDIA LTD., SECUNDERABAD	LT COL PARMESWAR NAI	SH ARUN GAUR
18	SPAN PUMPS PVT LTD., PUNE	SH AJIT BHANDARI	SH N.D.PURANKAR
19	U.P. JALNIGAM, LUCKNOW	CHIEF ENGINEER	MATERIAL MANAGER

20	UNITED NATION CHILDREN'S FUND, NEW DELHI	SH S.N. DAVE	SH AIDAN CRONIN

### MECHANICAL VIBRATION AND SHOCK SECTIONAL COMMITTEE, MED 28

**Scope :** a) Formulation of standards on mechanical vibration and shock including: i) Terminology ii) Excitation by sources, such as machines, and vibration and shock testing devices; iii) Elimination, reduction and control, especially by balancing, isolation and damping iv) Measurement and human evaluation of shock and vibration exposure v) Methods and means of measurement and calibration vi) Methods of testing b) Co-ordination of work with ISO/TC 108, Mechanical vibration and shock

**MEMBER SECRETARY : MS KHUSHBU JYSTANA.KINDO ; CHAIRMAN: SH U.SRIDHAR**

<i>SL. NO.</i>	<i>ORGANISATION REPRESENTED</i>	<i>PRINCIPAL MEMBER</i>	<i>ALTERNATE MEMBER</i>
1	BHARAT HEAVY ELECTIRICALS LTD, HYDERABAD	SH U.SRIDHAR CHAIRMAN	--
2	ABRO TECHNOLOGIES PVT LTD , NEW DELHI	SHRI ATUL NATH	SH ASHISH NATH
3	BHABHA ATOMIC RESEARCH CENTRE , MUMBAI	SH A. RAMA RAO	SH S.K. SINHA
4	BHARAT ELECTRONICS LTD , BANGALORE	SH V. NARENDRA	--
5	BHARAT HEAVY ELECTRICALS LTD	MS CLARA TOPPO	SH M.C. GUPTA
6	BHARAT HEAVY ELECTRICALS LTD , NOIDA	SH PULAK MUKHERJI	SH ANKIT AGRAWAL
7	CENTRAL MECHANICAL REASEARCH INSTITUTE, DURGAPUR	DR S.K. LAHA	--
8	D-CAD TECHNOLOGIES , NEW DELHI	SH K.G. BHATIA	SH NAKUL JOSHI
9	GAS TURBINE RESERCH ESTABLISHMENT ,	SH T N SURESH	DR. S. RAMACHANDRA
10	HELLA INDIA AUTOMOTIVE PVT. LTD , PHASE-1,GURUGRAM	SH HARI PRAKASH	--
11	HINDUSTAN AERONAUTICS LTD , BANGALORE	SH A.V. VAITHEESWARAN	SH M. MURALI
12	INDIAN INSTITUTE OF TECHNOLOGY , DELHI	PROF K. GUPTA	--
13	INDIAN INSTITUTE OF TECHNOLOGY , KANPUR	PROF N.S.VYAS	--
14	INDIAN INSTTITUE OF TECHNOLOGY HYDERABAD ,	SH M. RAMJI	--
15	INDIAN INSTTITUE OF TECHNOLOGY,MADRAS , CHENNAI	SH SESHADRI SEKHAR	--
16	INDIAN INSTTITUE OF	SH MANISH SHRIKHANDE	DR ANIL KUMAR

	TECHNOLOGY,ROORKEE, ROORKEE		
17	INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH , KALPAKKAM	DR. B.K. SREEDHAR	--
18	INTEVA PRODUCTS INDIA AUTOMOTIVE PVT LTD , BANGALORE	SH AASHISH BHATIA	SH SANJAY KATARIA
19	MARUTI UDYOGLTD , GURGAON	SH CHETAN JAIN	SH ARPIT ARORA
20	NATIONAL AEROSPACE LABORATORIES , BANGALORE	DR SOUMENDU JANA	--
21	NATIONAL PHYSICAL LABORATORY , NEW DELHI	SH MAHAVIR SINGH	SH OMKAR SHARMA
22	NATIONAL TEST HOUSE , KOLKATA	SRI Y.DHANANJAYA	SRI A. VERMA
23	NATIONAL THERMAL POWER CORPORATION LTD., NEW DELHI	SH A.K. SEHGAL	SH R.K. KAUL
24	NAVAL SCIENCE & TECHNOLOGICAL LAB., VISAKHAPATNAM	SRI P.V.S. G. KUMAR	SH D. APPA RAO
25	NATIONAL AEROSPACE LABORATORY, BANGALORE	DR SOUMENDU JANA	--
26	OIL & NATURAL GAS COMMISSION LTD , DEHRADUN	SH S.K. DWIVEDI	SH SUBODH KUMAR
27	RESEARCH, DESIGNS & STDS ORGN , LUCKNOW	SH VIVEK K. BAJPAI	SH. RAVINDRA K. MISRA
28	RESISTOFLEX PVT LTD , NEW DELHI	SH RATISH JAIN	SH S N BAGCHI
29	SAMPOORNA ROTOR DYNAMICS CONSULTANCY ,	DR .V. BHASKAR SARMA	--
30	SARASWATI DYNAMICS PVT LTD , ROORKEE	SH SANJEEV AGARWAL	--
31	SCHENCK RO TEC INDIA LTD , NOIDA	SH ANURAG KUMAR	SH RAJESH KHATTAR
32	TATA MOTORS LTD , PIMPRI	SH M. N.AMBARDEKE	SH ROHIT VAIDYA
33	THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA , PUNE	SH M.R. SARAF	SH N.V. KARANTH
34	VIKRAM SARABHAI SPACE CENTRE, DEPT OF SPACE , KERALA	SH VASUDEVAN UNNI M	SH BALAMURALI A.G.

## SEWING MACHINES SECTIONAL COMMITTEE, MED 29

**Scope :** a) Formulation of standards on sewing machines, sewing machine parts and accessories for household and industrial purposes. b)Co-ordination of work with ISO/TC 148 Sewing machines.

**MEMBER SECRETARY : MS KHUSHBU JYSTANA.KINDO ; CHAIRMAN : SH H S BAINS**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	BICYCLE AND SEWING MACHINE , LUDHIANA	SH H S BAINS CHAIRMAN	--
2	ALTEK LAMMERTZ NEEDLES LTD	SH S GANESH	SH CHAMPA GANESH
3	C.R. AULUCK & SONS PVT LTD, LUDHIANA	SH SUNIL AULUCK	SH KULJEET SINGH
4	CONSUMERS' FORUM , NEW DEHI	DR S.W. ARYA	SH M.A.U. KHAN
5	DIRECTORATE GENERAL OF QUALITY ASSURANCE	SH P P MAHESHKAR	LT COL R D MISHRA
6	GADIA AND GADIA , KOLKATA	SH DEVENDRA P.GADIA	SH R. P. GADIA
7	GEMINY INDUSTRIAL CORPORATION , LUDHIANA	SH VINAY DUA	SH B.C. PANDEY
8	JAI ENTERPRISES , JAIPUR	SH TILAK RAJ	SH JAI ARORA
9	LUDHIANA SEWING MACHINES INDUSTRIES ASSOCIATION, LUDHIANA	SH DALBIR S. DHIMAN	SH BALDEV SINGH
10	DIAMOND ENGINEERS INDIA , JALANDHER	SH SATPAL SINGH	--
11	G. D. RUPAL INDUSTRIES , JALANDHER	SH GURMUKH SINGH	--
12	GEE TECH HOOKS	SH MANJEET SINGH	--
13	M.S & BROTHERS , LUDHIANA	SH GURDEV SINGH	--
14	MECHANICAL ENGG. RESEARCH AND DEVELOPMENT ORGANIZATION (MERADO) , LUDHIANA	SH SYED SALMAN MOJIZ	SH BHAGWANT SINGH LAL
15	MINISTRY OF DEFENCE,(DGQA) , NEW DELHI	SH K. SUDHAKARAN	LT COL M. PRASAD
16	MSME-DEVELOPMENT INSTITUTE , LUDHIANA	SH SHAHOOD ALAM	SH RAJESH KUMAR
17	NARINDERA & CO. , LUDHIANA	SH S. BALDEV SINGH	SH HARINDER JIT SINGH
18	NAVRANG MANUFACTURING CORPORATION , LUDHIANA	SH DINESH KAPILA	SH SUDESH KAPILA
19	NORTHERN INDIA TEXTILE RESEARCH ASSOCIATION, GHAZIABAD	SH VIKAS SHARMA	SH VIVEK AGARWAL
20	OFFICE OF THE DEVELOPMENT COMMISSIONER (SSI) , NEW DELHI	SH U.C. SHUKLA	SH K. SINGH SODHI
21	ORDNANCE CLOTHING FACTORY, SHAHJAHANPUR	SH K. PARTHIBAN	--
22	POOJA MACHINES PVT LTD , PATHANKOT	SH ARVIND GUPTA	--
23	RANEE ENGG (INDIA) PVT LTD , LUDHIANA	SH SANJEEVKUMAR JAIN	SH ABHILASH JAIN
24	RITA MACHINES INDIA PRIVATE LIMITED , LUDHIANA	SH SUNIL K. JAIN	SH JAGDISHCHANDSAMI
	ROZY SEWING MACHINE CO. , LUDHIANA	SH BUTA RAM	SH RAJ KUMAR RATRA

25	SINGER INDIA LIMITED , NEW DELHI	SH MOHINDER SINGH	SH ROHIT DHAMIJA
26	TVS SEWING NEEDLES LIMITED, MADURAI	SH LAKSHMINARASIMHAN	SH V.V.R.JANAKIRAM
27	USHA INTERNATIONAL LIMITED , DELHI	SH ASHISH GUPTA	SH HIRAK ROY
28	UTTAM SEWING MACHINE, JALANDHER	SH JAGDEEP RAI	SH MANOHAR LAL
29	VIRINDRA ENGG. WORKS	SH AMANPREET SINGH	--

## GASKETS AND PACKING SECTIONAL COMMITTEE, MED 30

**Scope :** Formulation of standards for radial shaft seals, gaskets and packings made from asbestos, cork, rubber, paper, rope, metal and combinations there of.

**MEMBER SECRETARY : MS KHUSHBU JYOSTANA KINDO ; CHAIRMAN : SH C. KATHIRVELU**

<b>SL. NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	BHARAT HEAVY ELECTRICALS LIMITED, TRICHURIPALLI	SH C. KATHIRVELU CHAIRMAN	--
2	BANCO PRODUCTS (INDIA) LTD , BARODA	SH V.K. GUPTA	SH S. SELVAKUMAR
3	BHARAT BIJLEE LTD , MUMBAI	SH RS. MURALEEDHARAN	SH V.D. DEODHAR
4	BHARAT CORRUB INDUSTRIES , VADODARA	SH B.M. TOLIA	SH S.R. DESAI
5	BHARAT HEAVY ELECTRICALS LTD , TRICHURAPALLI	SH SUBRATA RAY	SH R. ELAYARAJA
6	BHARAT PETROLEUM CORPN. LTD , NOIDA	SH S. MANIVANNAN	1) SH UMESH GAUTAM 2) SH S. SUBBA RAO
7	CHAMPION JOINTINGS PVT LTD , MUMBAI	SH FARZAD J. PALIA	SH MANOHAR S. DHANDEKAR
8	CROMPTON GREAVES LTD , MUMBAI	SH P.S. RAMACHANDRAN	--
9	DEPTT OF INDUSTRIAL POLICY & PROMOTION , NEW DELHI	SH SHAISH KUMAR	SH M.Z. KHAN
10	ENGINEERS INDIA LTD , NEW DELHI	SH M. ISMAEEL	SH G. BALAJI
11	FEROLITE JOINTINGS LTD , GHAZIABAD	SH AKSHAY SHARMA	SH F.C. SHARMA
12	GAIL (INDIA) LTD , NEW DELHI	SH M.I. HAQUE	SH ANUP S.S. KONGARI
13	HINDUSTAN PETROLEUM CORPORATION LTD , VISAKHAPATNAM	SH. Y. SRIRAMULU	SH. S. CHAKRADHAR
14	I.G.P. ENGINEERS PVT LTD , CHENNAI	SH G. GANESAN	SH A.V. PARTHASARTHY
15	INDIAN SEALING ASSOCIATION, MUMBAI	SH RASIKLAL M. DOSHI	SH DARSHN A. PAREKH
16	J.K. FENNER (INDIA) LTD , MADURAI	SH S. SUNDRAMOORTHY	--
17	KIRLOSKAR OIL ENGINES LTD , PUNE	SH M.N.KUMAR	SH D.S.SUBEKAR
18	MECON LIMITED , RANCHI	SH GURNEK SINGH	SH SUJOY BANERJEE
19	NTPC LIMITED , NOIDA	SH U.K. MUKHOPADHYAY	SH S. CHAKRABORTY
20	NU-CORK PRODUCTS PVT LTD, GURGAON	SH S.K. DATTA	--
21	ORDNANCE FACTORY BOARD , JABALPUR	SH RAJNISH LODWAL	SH M.K. MISHRA
22	PROJECTS & DEVELOPMENT INDIA LTD , GHAZIABAD	SH NEERAJ BASWAN	SH PURUSHOTTAM KUMAR
23	RESEARCH DESIGNS AND STANDARDS ORGANIZATION , LUCKNOW	SH A.K. MANDAL	SH I.S. DAS



24	rites ltd , GURGAON	SH S.S. GAVANE	SH D.K. BISHT
25	SUPER WAUDITE JOINTING PVT LTD , AHMEDABAD	SH PRADEEP J. PANDYA	SH C D GAZDAR
26	SUPERLITE JOINTINGS PVT LTD ,	SH VARUN AGARWAL	SH PHERU SINGH
27	THE TATA POWER COMPANY LTD , MUMBAI	SH DHIRAJ B. KAMATH	SH V.V. NAMJOSHI
28	UHDE INDIA PVT LTD , PUNE	SH S.K. KAGALKAR	--
29	UNI KLINGER LIMITED , PUNE	SH MAHE AVACHAT	--

## COMPOSITION OF PHOTOGRAPHIC AND CINEMATOGRAPHIC EQUIPMENT SECTIONAL COMMITTEE, MED 32

**Scope :** Formulation of standards on: a) Terminology, material requirements, measurements, tests, calculations and performance for photographic equipment and accessories including cameras but excluding chemicals, paper and film. b) All types of equipment and accessories used in silent and sound motion picture projectors (including still projectors), sound recording and reproduction including dimension cinematographic films. Note 1 - The scope does not include components of cinematographic equipment which are already explicitly covered by the scope of other committees, such as acoustics, Recording, electric lamps, glassware. Note 2 - Video recording equipment is excluded. Note 3 - Formulation of standards on photographic materials is covered in inorganic Chemical and photographic materials sectional committee, CHD 1. Co-ordination of work with ISO/TC 42 Photography and ISO/TC 36 Cinematography.

**MEMBER SECRETARY : SH A.K.MOHINDROO; CHAIRMAN: DR. RANJANA MEHROTRA**

<i>SL. NO.</i>	<i>ORGANIZATION</i>	<i>PRINCIPAL MEMBER</i>	<i>ALTERNATE MEMBER</i>
1.	NATIONAL PHYSICAL LABORATORY, NEW DELHI	DR. RANJANA MEHROTRA ( <i>CHAIRMAN</i> )	--
2.	AERONAUTICS DEVELOPMENT AGENCY, BANGALORE	SH AMARJEET NAYYAR	--
3.	AIR SURVEY COMPANY OF INDIA PVT LTD, KOLKATA	SH K.K. KHANNA	--
4.	ALLIED PHOTOGRAPHICS INDIA LTD., MUMBAI	SH A. BISWAS	--
5.	ARMED FORCES FILM AND PHOTO DIVISION, NEW DELHI	SH P.S. HOODA	SH K.D.MITRA
6.	CENTRAL INSTITUTE OF EDUCATIONAL TECHNOLOGY, NEW DELHI	SH S.K. SANYAL	--
7.	CINESALES CORPORATION NEW DELHI	SH YOGRAJ CHAUHAN	SH ANIL CHAUHAN
8.	CONROLLERATE OF QUALITY ASSURANCE, NEW DELHI	SH M.S. SULTANIA	--
9.	DIRECTORATE GENERAL OF AERONAUTICAL QUALITY ASSURANCE, NEW DELHI	WG CDR RS VINAY RAJ	SH MANOJ SHARMA
10.	ELECTRONIC TEST AND DEVELOPMENT CENTRE, BANGALORE	SH B. SATISH RAO	--
11.	HARISINGH AND SONS, AMRITSAR	SH SUKHVINDER S AHUJA	SH RISHI RAJ S. AHUJA
12.	HINDUSTAN PHOTO FILMS MFG CO LTD, OOTACAMUND	SH B.B. CHOUDARY	SH N. BALAKRISHNAN
13.	INDIA INTERNATIONAL PHOTOGRAPHIC COUNCIL, NEW DELHI	SH O. P. SHARMA	--
14.	INDIAN INSTITUTE OF ROMOTE SENSING, DEHRADUN	MS. SHEFALI AGGARWAL	--
15.	IN PERSONAL CAPACITY	SH Y.K. GUPTA	--
16.	KODAK INDIA LTD., BANGALORE	SH R.S. MANI	SH R.N. RANADE
17.	METRO CINEMA BUILDING CINECITA PVT LTD, MUMBAI	SH A. SREEPRAJESH	--
18.	OPTICS & ALLIED ENGINEERING PVT LTD, BANGALORE	SH D. RAJENDRA KOTAR	--
19.	PHOTO DIVISION, MINISTRY OF NFORMATION & BROADCASTING, NEW	DIRECTOR (PHOTO DIV)	DY DIR (PHOTO DIVN)

	DELHI.		
20.	SURVEY OF INDIA, NEW DELHI	SH G.C. NAYAK	-
21.	LNJN NATIONAL INSTITUTE OF CRIMINOLOGY AND FORENSIC SCIENCE	SH AJIT KUMAR DEY	SH AJAY SRIVASTAVA
22.	PHOTOSPEED COMPANY	SH GUL H. GULRAJANI	--

**COMPOSITION OF UTENCILS, CUTLERY AND DOMESTIC HARDWARE  
SECTIONAL COMMITTEE, MED 33**

**Scope :** Formulation of standards in the field of utensils, cutlery and domestic hardware items.

**MEMBER SECRETARY : SH. CHANDAN GUPTA; CHAIRMAN : SH G. SHANMUGANATHAN**

<b>SL. NO.</b>	<b>ORNIZATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1.	OFFICE OF DEVELOPMENT COMMISSIONER , CHENNAI	SH G. SHANMUGANATHAN	--
2.	ANNA ALUMINIUM LTD, COCHIN	SH K CHANDRASHEKRAN PILLAI	SH V. THULASIDHARAN
3.	ALIGARH LOCKS MANUF. & TRADERS ASSOC., ALIGARH	SH P.L. SIROMANI	SH DHURUV MISHRA
4.	BUTTERFLY GANDHIMATI APPLIANCES LTD , CHENNAI (FORMERLY GANGADHARAM APPLIANCES)	SH V.M. KUMARESAN	SH K. SHANMUGAVELU
5.	CENTRAL ELECTROCHEMICAL MATERIALS SCIENCE DIVISION, KARAUKUDI	DR S. VASUDEVAN	DR S. MURALIDHARAN
6.	CENTRAL PUBLIC WORKS DEPARTMENT , NEW DELHI	SH SURINDER KUMAR	SH RK SARASWAT
7.	CONSUMER VOICE, NEW DELHI	SHRI B.K.MUKHOPADHYAY	SHRI M AU KHAN
8.	CQA (GS) DGQA, KANPUR	SH M. SATYANARAYANA	SH S.J. KOLARKAL
9.	DELHI TEST HOUSE , NEW DELHI	SH DINESH GOEL	SH ROHIT GOEL
10.	D.P GARG & CO PVT LTD.	SH SANDIP GARG	SH S.M. GARG
11.	FEDERATION OF CONSUMER ORGN , THIRUCHIRAPALLI	SMT S.SHAKUNTALA	--
12.	FEDERATION OF HARDWARE MFG & TRADERS WELFARE ASSOCIATION , GURGAON	SH AJAY BHASIN	SH RAJESH BANSAL
13.	GODREJ & BOYCE MFG CO LTD , MUMBAI	SH T.S. MURALI	SH B.K. TIKE
14.	HAWKINS COOKERS LTD , THANE	SH JAYANTA CHAKRABARTI	SH DEEPAK PARAB
15.	HINDALOC INDUSTRIES LTD; RENUKOOT	SH RAM AWADHESH SING	SH ARUN KUMAR
16.	HINDALOC INDUSTRIES LTD , DISTTT SONEBHADRA	SH ROHIT BHALLA	SH S N RAI
17.	JINDAL STAINLESS LIMITED, HISAR	SH BISWABASU ROY	SMT JALAJA MENON
18.	J.K. METAL INDUSTRIES JAGADHRI	SH SATISH GARG	SH BHARAT GARG
19.	KISHCO LIMITED, PUNE	SH ARVIND DUBEY	--
20.	MINISTRY OF DEFENCE(DGQA) , KANPUR	SMT MANJU DIXIT	SRI SATYA NARAYAN
21.	MINISTRY OF RAILWAYS , NEW DELHI	SR COMMERCIA OFFICER	--
22.	MINISTRY OF SCIENCE & TECHNOLOGY , NEW DELHI	DR A.K. CHAKRAVORTHY	--

23.	MSME TESTING CENTRE, NEW DELHI	SH B.S SRIVASTAVA	SH A.K MUKHERJEE
24.	NATIONAL METALLURGICAL LABORATORY , JAMSHEDPUR	DR S.GHOSH CHOWDHURY	DR K.L SAHOO
25.	PRITAM INTERNATIONAL, BADDI	SH RAHUL KHERA	SH ROHIT KHERA
26.	RATIONALE IRON & STEEL CORPN, KANPUR	SH S.K. SRIVASTAV	SH R.P. TRIPATHY
27.	REPUBLIC ENGINEERS , DELHI	SH M P SINGH	--
28.	ROYAL KITCHEN APPLIANCES PVT. LTD , SONEPAT	SH. SURESH AGARWAL	--
29.	SAT RATTAN ENGG WORKS , NEW DELHI	SH G.L. KHERA	SH RAHUL KHERA
30.	SRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH, NEW DELHI	DR. TARSAME SINGH SIAN	SH. ANEESH KUMAR
31.	STEEL AUTHORITY OF INDIA, SALEM	SH SHRI M VELMURUGAN	SH N.K. VIJAYAVARGIA
32.	TTK PRESTIGE LTD , BANGALORE	SH B.V. SHENOY	SH. R. B. RAO -1 SH S. RAJASEKARAN -2

**METHODS AND EQUIPMENTS FOR UNDERGROUND GASIFICATION OF LIGNITE AND  
COAL BED METHANE SECTIONAL COMMITTEE, MED 37**

**Scope :** Formulation of standards in the field of underground coal gasification and coal bed methane

**MEMBER SECRETARY : SH. SANDEEP KESHAV; CHAIRMAN : SH RAJEEV SINGHAL**

<b>SL. NO</b>	<b>ORGANIZATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	OIL AND NATURAL GAS LTD;	SH RAJEEV SINGHAL CHAIRMAN	SH ADITYA KUMAR
2	ATLAS COPCO CONSTRUCTION & MINING SALES, PUNE	SHRI ANIMESH NANDY	--
3	CENTRAL FUEL RESEARCH INSTITUTE , DHANBAD	DR ASHOK KUMAR SINGH	--
4	CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE	DR P K CHATERJEE	DR M K KARMAKAR
5	CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED, RANCHI	SHRI A V SAHAY	--
6	DIRECTORATE GENERAL OF HYDROCARBONS (DGH)	SH SANSEEB GOSWAMI	SHRI T. ASHWINI KUMAR
7	DIRECTORATE GENERAL OF MINES SAFETY	SHRI NAGRAJ VENKATESH	SH VIJAY KUMAR
8	ESSAR OIL LIMITED	SHRI NILESH KAMAT	SHRI ARUN SHARMA
9	GAIL INDIA LIMITED	SHRI D M RAO	DR D BURAGOHAIN
10	GREAT EASTERN ENERGY CORP. LTD; (GEECL)	SHRI ANOOP GUPTA	SHRI .PRIYARANJAN PATRA
11	GEOLOGICAL SURVEY OF INDIA	SHRI DINESH KUMAR	SH P.N. SINHA
12	ISM, DHANBAD (IIT-ISM)	PROF M. JAWED	SHRI A K VERMA
13	NEYVELI LIGNITE COPORATION	--	SHRI M KRISHNAN
14	INDIAN INSTITUTE OF TECHNOLOGY (IIT), MADRAS	PROF. SRINIVAS JAYANTI	--

**MECHANICAL EQUIPMENT USED IN REFUELING STATIONS FOR PETROLEUM  
AND GASEOUS FUEL SECTIONAL COMMITTEE, MED 38**

**Scope :** Formulation of standards in the field of Mechanical Equipment Used in Refueling Stations For Petroleum and Gaseous Fuel like dispensers/pumps, storage tanks/cascades, compressors, tubing & pipes , valves etc

**MEMBER SECRETARY : SH. CHANDAN GUPTA; CHAIRMAN : SH. S. K SHUKLA**

<i>SL NO</i>	<i>ORGANIZATION REPRESENTED</i>	<i>PRINCIPAL MEMBER</i>	<i>ALTERNATE MEMBER</i>
1	PETROLEUM & EXPLOSIVES SAFETY ORGANISATION	SH. S. K SHUKLA	SH V.B BORGAONKAR
2	BHARAT HEAVY ELECTRICALS LTD.	SH C S R MURTY	SH V SIVARAMAKRISHNAN
3	BHARAT PETROLEUM CORPN LTD; MUMBAI	SH SANDEEP DESHPANDE	SH AJAY KUMAR
4	BHARATH PUMPS & COMPRESSORS LTDL; ALLAHABAD	SH S.N. UPADHYAY	SH A.K. SRIVASTAVA
5	ENGINEERS INDIA LTD; NEW DELHI	SH R.K. TRIVEDI	SH NALIN KUMAR
6	GAIL (INDIA) LTD, NOIDA	SH SIDDHARTHA SEN	-
	GAIL GAS LTD; NEW DELHI	SH R. CHADHA	SH GAURAV AGARWAL
8	GILBARCO VEEDER-ROOT INDIA PVT. LTD	SH RAJIV PATHIYIL	SH SUSHMA PRABHUDESAI
9	GUJARAT GAS COMPANY LTD; AHMEDABAD	SH RAGHUNATH KULAI	SH RAVI RAVIPALLI
10	HINDUSTAN PETROLEUM CORPORATION LTD	SH S.G. PALNITKAR	SH G. RAMA
11	IOC R & D CENTRE	SH S. RAJAGOPAL	SH ANUP KACKER
12	INDRAPRASTHA GAS LTD.,	SH. PRAVEEN KUMAR PANDEY	SH. UJWAL BHANDARI
13	MAHANAGAR GAS LIMITED	SH ANANT RUBADE	SH GJPN MURTHY
14	OIL AND NATURAL GAS CORPORATION LTD	SH BHOOPAL PRASAD	SH DINESH AGARWAL
15	OIL INDUSTRY SAFETY DIRECTORATE	SH UDAYA SHANKAR ROY	SH K.C. NANDI
16	PETROLEUM FEDERATION OF INDIA(PETROFED)	SH Y. SAHAI	SH S.L. DAS
17	PETRONET LNG x LTD	SH YOGANNANDA	SH ANIL PATEL

		REDDY	
18	RELIANCE INDUSTRIES LIMITED	SH RANGARAJAN SESHADRI	--
19	TULSA GAS TECHNOLOGIES	SHRI ASHOK ANAND	--

### ENERGY MANAGEMENT AND ENERGY SAVINGS SECTIONAL COMMITTEE , MED 39

**Scope** : Standardization in the field of energy management and energy savings, including for example: energy efficiency, energy performance, energy supply, procurement practices for energy using equipment and systems, and energy use as well as measurement of current energy consumption, implementation of a measurement system to document, report, and validate continual improvement in energy management and evaluation / determination of energy savings.

**MEMBER SECRETARY : SH RAJNEESH KHOSLA, HEAD; CHAIRMAN : SH S.R LOHOKARE**

<i>SL NO</i>	<i>ORGANIZATION REPRESENTED</i>	<i>PRINCIPAL MEMBER</i>	<i>ALTERNATE MEMBER</i>
1	INDIAN CHEMICAL COUNCIL ,	SH S.R LOHOKARE CHAIRMAN	SHRI N. ROYCHOUDHARY
2	ALLIANCE FOR AN ENERGY EFFICIENT ECONOMY , NEW DELHI	SH RAMESH BHATIA	DR KOSHY M. CHERAIL
3	BUREAU OF ENERGY EFFICIENCY	DR ASHOK KUMAR	SH SAURABH DIDDI
4	CEMENT MANUFACTURERS' ASSOCIATION , NOIDA	SH NAVEEN K. SHARMA	SH RAKESH BHARGAVA
5	CENTRAL ELECTRICITY AUTHORITY NEW DELHI	SH C.P. JAIN	SH RAJESH KUMAR
6	CONFDERATION OF INDIAN INDUSTRY , HYDERABAD	SH K.S. VENKATAGIRI	MS NISHA JAYARAM
7	ENERGY EFFICIENCY SERVICES LTD , NOIDA	SH VENKATESH DWIVEDI	
8	ENERGY MANAGEMENT CENTRE – THIRUVANANTHAPURAM ,KERALA	SH K.M.D. UNNITHAN	SH A.M. NARAYANAN
9	ENGINEERS INDIA LTD	SH P.P. LAHIRI	SH M.K. SAHU
10	FICCI , NEW DELHI	SH M.A.PATIL	SH M.N. GIRISH
11	FORBES MARSHALL LTD , PUNE	SH RAMANI IYER	SH VIRENDRA GILL
12	INDIA SMART GRID FORUM (ISGF) , NEW DELHI	SH REJI KUMAR PILLAI	SH HEM THUKRAL
13	INDIAN INSTITUTE OF PETROLEUM, DEHRADUN	SH AMAR KU. JAIN	SMT. POONAM GUPTA
14	INDIAN OIL CORPORATION LTD , FARIDABAD	SH G.K. ACHARYA	--
15	INDIAN RENEWABLE ENERGY DEVELOPMENT AGENCY LTD , NEW DELHI	SH B.M. CHAUHAN	SH K.P. PHILIP
16	INTERNATIONAL COPPER PROMOTION COUNCIL (INDIA) , MUMBAI	SH DEBAS GOSWAMI	SH MANAS KUNDU
17	LLOYD INSULATONS (INDIA) LIMITED , MUMBAI	SH N. SRINIVAS	SH K.K. MITRA
18	MINISTRY OF NEW AND	SH JEEVAN K.	



	RENEWABLE ENERGY , NEW DELHI	JETHANI	
19	MINISTRY OF STEEL	SH PARAMJEET SINGH	SH ANIL KUMAR MISHRA
20	NATIONAL PRODUCTIVITY COUNCIL NEW DELHI	SH A.K SINHA	
21	NTPC LTD ,	SH RAVINDRA KUMAR	SH A.P. SAMAL
22	PETROLEUM CONSERVATION RESEARCH ASSOCIATION ,	SH RAJIV MISHRA	SH V.K. SRIVASTAVA
23	PETROLEUM FEDERATION OF INDIA	SH S.S. RANGARHIA	SH S.L. DAS
24	QUALITY COUNCIL OF INDIA	SH V.K. MEDIRATTA	SH MRUTUNJAY JENA
25	RELIANCE INDUSTRIES LIMITED NAVI MUMBAI	SH R. MUTHUKRISHNAN	SMT GAURI B. BHOLAY
26	RR KABEL, SILVASSA ,	SH RAJEEV BHARGAVA	
27	SCHNEIDER ELECTRIC INDIA PVT LTD , GURGAON	DR SATISH KUMAR	SH ALOK DESHMUKH
28	SPONGE IRON MANUFACTURERS ASSOCIATION , NEW DELHI	SH DEEPENDRA KASHIVA	
29	STEEL AUTHORITY OF INDIA (SAIL) , DELHI	SH R. K. ANAND	
30	TATA STEEL LIMITED , JAMSHEDPUR	MR SHIBOJYOTI DUTTA	
31	THE ENERGY AND RESOURCES INSTITUTE (TERI) , NEW DELHI	SH GIRISH SETHI	SH N. VASUDEVAN
32	THE FERTILISER ASSOCIATION OF INDIA , NEW DELHI	DR S. NAND	SH MANISH GOSWAMI

## **COMPOSITION SAFETY OF MACHINERY SECTIONAL COMMITTEE, MED 40**

**Scope** : Standardization of basic concepts and general principles for Mechanical Safety of manufacturing machinery incorporating terminology, methodology, guards and safety devices within the framework of IS/ISO/IEC Guide 51 `Safety aspects — Guidelines for their inclusion in standards ` and in cooperation with other sectional committee's committees.

**MEMBER SECRETARY : SH CHANDAN GUPTA; CHAIRMAN : SH. SUSHIL LAKRA**

<b>SL NO.</b>	<b>ORGANISATION REPRESENTED</b>	<b>PRINCIPAL MEMBER</b>	<b>ALTERNATE MEMBER</b>
1	DEPARTMENT OF HEAVY INDUSTRY, NEW DELHI	SHRI SUSHIL LAKRA (CHAIRMAN)	--
2	ADVANCED MACHINE TOOL TESTING INSTITUTE (UNDER DEPARTMENT OF HEAVY INDUSTRY), DGMS,	SH. Y. BALARAMAIAH	SH N. MADHAN KUMAR
3	M/S AGRICULTURAL MACHINERY MANUFACTURERS ASSOCIATION (AMMA)	NOMINATIONS AWAITED	--
4	M/S AGRO & FOOD PROCESSING EQUIPMENT & TECHNOLOGY PROVIDERS ASSOCIATION OF INDIA (AFTPAI)	NOMINATION AWAITED	--
5	M/S BHARAT HEAVY ELECTRICAL LTD; (BHEL)	NOMINATION AWAITED	--
6	M/S CII	NOMINATION AWAITED	--
7	CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE (CMTI)	NOMINATIONS AWAITED	--
8	CENTRAL ORGANIZATION FOR MODERNIZATION OF WORKSHOPS (COFMOW), NEW DELHI	SHRI ANUJ PRAKASH	SHRI ALOK KUMAR
9	M/S COAL INDIA LTD	NOMINATIONS AWAITED	--
10	DIRECTORATE GENERAL FACTORY ADVICE SERVICE AND LABOUR INSTITUTE	NOMINATIONS AWAITED	--
11	DIRECTORATE GENERAL OF MINES SAFETY, DHANBAD	SH RAJ NARAYAN SINGH	SH. M. ARUMUGAM
12	M/S ENGINEERS INDIA LTD;( EIL), NEW DELHI	NOMINATION AWAITED	--
13	M/S HEAVY ENGINEERING CORP. LTD; RANCHI	NOMINATIONS AWAITED	--
14	INDIAN INSTITUTE OF TECHNOLOGY (IIT), CHENNAI	NOMINATIONS AWAITED	--

15	INDIAN INSTITUTE OF TECHNOLOGY (IIT), GANDHINAGAR	NOMINATIONS AWAITED	--
16	M/S INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION (IMTMA);	NOMINATIONS AWAITED	--
17	M/S INDIAN PRINTING PACKAGING AND ALLIED MACHINERY MANUFACTURERS' ASSOCIATION (IPAMA)	NOMINATIONS AWAITED	--
18	ITC LIMITED, KOLKATA	SHRI V RAVINDRANATH	SHRI B RAMJI
19	ORDINANCE FACTORY BOARD, KOLKATA	NOMINATIONS AWAITED	
20	PLASTICS MACHINERY MANUFACTURERS ASSOCIATION OF INDIA, NEW DELHI	SHRI. VINAY GIRDHAR BANSOD	SHRI PRADIPVANWANI
21	ROSS CONTROLS INDIA PVT LTD, CHENNAI	SHRI YASHPAL SETIYA	SHRI SATHIYA MOHAN S
22	M/S SOCIETY OF INDIAN AUTOMOBILE MANUFACTURERS (SIAM), NEW DELHI	NOMINATIONS AWAITED	--
23	M/S UL	NOMINATIONS AWAITED	--
24	WINDSOR MACHINES LTD; AHMEDABAD	SH V GIRDHAR BANSOD	SH PRADIP VANWANI