

COMPOSITION OF Metallurgical Engineering Division Council, MTDC

Scope: 'Standardization in the field of metallurgy and metallurgical engineering including ferrous and non-ferrous metals, alloys and their products, ores and minerals, foundry, refractories, powder metallurgy, heat treatment, corrosion protection, metallic coating (excluding paints, pigments and enameling), and welding (excluding electrical welding equipment) and Nanomaterials & Technologies.

Shri N. K. Jha, CHAIRMAN,

SI No.	Name of the organization	Represented by
1.	Aluminium Association of India, Bangalore	Prof. K.S.S. Murthy
2.	Bhabha Atomic Research Centre, Mumbai	Dr. R. C. Hubli
3.	Bharat Earth Movers Limited, Bangalore	Shri M.B. Arabhavi Shri A. K. Hangal (Alternate)
4.	Bharat Heavy Electricals Ltd, hardwar	Shri J.P. Meena Shri P. Nath (Alternate)
5.	Central Electrochemical Research Institute, Karaikudi	Dr. V. Ananth Dr.L. John Berchmans
6.	Central Glass and Ceramic Research Institute, Kolkata	Dr. Swapan Kumar Das Dr. Arup Ghosh (Alternate)
7.	DGS&D, New Delhi	Shri R. P. Singh
8.	Engineers India Ltd, New Delhi	Shri S. Ghosal Shri R.G. Gurllhosur (Alternate)
9.	Geological Survey of India, Kolkata	Dr. R.G. Vijay Dr. M.S. Jairam (Alternate)
10.	Hindalco Industries Ltd, Distt. Sonbhadra	The General Manager
11.	Hindustan Copper Ltd, Khetrinagar	Shri S.S. Sethi
12.	Indian Association of Hallmarking Centre, Ahmedabad	Shri Suresh Kansara Shri Rajesh Dagli (Alternate)
13.	Indian Bureau of Mines, Nagapur	Dr. B. P. Ravi Shri V. A. Sontakke (Alternate)
14.	Indian Institute of Packaging, Mumbai	Shri N. C. Saha Shri S. K. Sarkar (Alternate)
15.	Indian Shipbuilders Association, New Delhi	Awaited
16.	Institute for Steel Development & Growth (INSDAG), Kolkata	Dr. Jayanta Kumar Saha
17.	Jindal Stainless Ltd, Hissar	Shri Sunil Gera Shri Sandeep Maheshwari
18.	Mazagon Dock Ltd, Mumbai	Shri N. J. Gosavi Shri Vivek Uttam Jagtap (Alternate)
19.	MECON Ltd, Ranchi	Shri Tushar Banerjee
20.	Directorate of Standardization, Ministry of Defence, New Delhi	Shri S.K. Saxena, NSO Shri Vijay Shankar (Alternate)
21.	Ministry of Defence (DGQA), Ichapur W.B.)	Shri S.K. Khilnaney Shri P.Meena (Alternate)

22.	Ministry of Defence (DMRL), Hyderabad	Dr. K.P. Balan
23.	Ministry of Railways (RDSO), Lucknow	Shri C. Sengupta Shri V. D. Meharkure (Alternate)
24.	Ministry of Steel, New Delhi	Dr. S.S. Tak Shri S.K. Bhatnagar
25.	Modi Arc Electrodes Company, Modi Nagar	Shri Prodyot Mukherjee Shri U. K. Sharma (Alternate)
26.	MSME Development Institute, New Delhi	Shri V.K. Gupta
27.	National Aluminium Co Ltd, Bhubaneshwar	Shri A.K. Mishra Shri S. Nanda
28.	National Institute of Foundry & Forge Tech, Ranchi	Dr. B. Kumar
29.	National Institute of Secondary Steel Technology, Punjab	Shri R.K. Bagehi
30.	National Metallurgical Lab, Jamshedpur	Dr. D. Bandyopadhyay
31.	National Physical Laboratory, New Delhi	Dr. Ajay Dhar Shri R.C. Anandani (Alternate)
32.	National Test House (NR), Ghaziabad	Shri S. Jayapaul Dr. P.K. Kanjilal (Alternate)
33.	National Thermal Power CorpnLtd, Noida	Shri I. Gowrisankar Shri U.R. Khosla (Alternate)
34.	Nuclear Power Corporation of India Ltd, Mumbai	Shri S.A. Bhardwaj
35.	Office of the Development Commissioner (MSME), New Delhi	Shri D. Bandopadhyay Shri A.K. Gangopadhyay (Alternate)
36.	Ordnance Factory Board, Kolkata	Shri Ashutosh Kumar Shri S.C. Mathur (Alternate)
37.	Rashtriya Ispat Nigam Ltd,	Shri P.N. Rao Shri K. Shyamsundar (Alternate)
38.	Research & Development Centre of Iron & Steel, Ranchi	Shri Sridhar Varadarajan Dr. B.K. Jha (Alternate)
39.	Tata Steel Ltd, Jamshedpur	Dr. Sanjay Chandra Dr. Sandip Bhattacharya (Alternate)
40.	The Wesman Engineering Co Pvt Ltd, Kolkata	Shri N. K. Rai Shri A.B. Pal (Alternate)

Composition of Mechanical Testing of Metals Sectional Committee, MTD 3

Scope: Standardization in the field of mechanical testing of metals

CHAIRMAN: Dr. Vikas Kumar

Sl.No.	Organization	Name of Representative
1.	Bharat Heavy Electricals Ltd, Haridwar	Shri Vivek Mittal Shri Gopal Singh(alternate)
2.	BISS, Bangalore	Shri R. Sunder Shri H. Ramakrishnan (alternate)
3.	Blue Star Ltd, Chennai/New Delhi	Shri K. Venkatesan Shri Sanjeev Sehgal (alternate)
4.	Central Boilers Board, New Delhi	Shri T.S.G. Narayannen Shri S.K. Jain (alternate)
5.	Essar Steel Ltd, Hazira	Shri R.K. Balasubramaniam Shri S.R. Bhatt (alternate)
6.	Fuel Instrument & Engineer Pvt Ltd, Ichalkarnji	Dr. J.c. Padte Shri S.V. Kulkarni (alternate)
7.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. B.K. Choudhary Dr. M.D. Mathew (alternate)
8.	Instron India Ltd, New Delhi/Chennai	Shri P. Ravi Shri B.N. Vijay Kumar (alternate)
9.	In Personal Capacity, Chennai	Shri N. Ramachandran
10.	ITI Ltd, Bangalore	Shri R.K. Singh Shri Ravish B.K. (Alternate)
11.	JSW Steel Ltd, Bellary	Dr. S. Manjini Shri R. Madhusudan (alternate)
12.	M.N. Dastur & Co Ltd, Kolkata	Shri Biswajit Chakravarty Shri S. Bhattacharya (alternate)
13.	Ministry of Defence (CQA), Ichapur	Shri P. Meena Shri K. Saha (alternate)
14.	Ministry of Defence (DMRL), Hyderabad	Dr. K. Gopinath
15.	Ministry of Defence (OFB), Kolkata	Nominate awaited
16.	Ministry of Railways, RDSO, Lucknow	Dy. Director (Met –II) ARO (Met-III) (alternate)
17.	National Aerospace Lab, Bangalore	Nomination Awaited
18.	National Metallurgical Laboratory, Jamshedpur	Dr. S. Tarafder Dr. J. Swaminathan (alternate)
19.	National Test House, Ghaziabad/Kolkata	Shri S.P. Roy Shri A. Chopra (alternate)
20.	National Physical Laboratory, New Delhi	Nomination Awaited
21.	Regl. Centre for Military Airworthiness (Materials), Hyderabad	Dr. N. Eshwar Prasad Shri B. Saha (alternate)
22.	Research & Development Centre for Iron and Steel, (SAIL), Ranchi	Dr. Balbir Singh Dr. Vinod Kumar (alternate)
23.	SAIL, Bokaro Steel Plant, Bokaro	Shri A.K. Jaiswal Shri S. Saha (Alternate)

24.	SAIL, Salem Steel Plant, Salem	Shri D. Sarvanan Shri N.K. Vijayavargia (altenate)
25.	Tata Motors Ltd, Pune/Jamshedpur	Shri B. R. Galgali Shri G. Raghvendra (alternate-I) Shri P.M. Kularni (Alternate-II)
26.	Tata Steel Ltd, Jamshedpur	Dr. Sandhip Bhattacharyya Dr. Shrabani Mazumdar (alternate)

Composition of Wrought Steel Products Sectional Committee, MTD 4

Scope - Standardization in the field of steel and wrought steel products including classification, designation and coding of steels

CHAIRMAN: Dr. B.K. Jha

Sl.No.	Organization	Name of Representative
1.	Tata Steel Ltd., Jamshedpur	Shri Indranil Chakrabarti
2.	Tata BlueScope Steel Ltd. Pune	Shri Rajesh Maheshwari
3.	All India Induction Furnace Association , New Delhi	Shri G. D. Renwal
4.	Bharat Heavy Electricals Ltd., Bhopal	Shri S.K. Mahajan Shri Arun Khare (Alternate)
5.	Central Boilers Board , New Delhi	Shri S.K.Jain (Alternate)
6.	DGS&D, Bhilai Nagar/Delhi	Shri T.S.G. Narayannen
7.	Escorts Knowledge Management Centre , Faridabad	Shri Alok Nayar
8.	Essar Steels Ltd., Hazira	Shri Deepak Gupta Shri Bobby Pujara (Alternate)
9.	Institute of Steel Development and Growth, Kolkatta	Dr. Jayanta Kumar Saha
10.	JSW Steel Ltd., Vasind/Bellary	Shri A. D. Patil, Dr.S. Manjini (Alternate)
11.	M.N. Dastur & Co. Ltd, Kolkata /Delhi	Shri Partha Bhattacharya, Shri Satyabrata Bhattacharya (Alternate)
12.	Ministry of Defence (DGOFB) , Kolkata	Shri P.S.Bandhopadhyay, Shri T. Basu (Alternate)
13.	Ministry of Defence (DGQA), Ichapur	Shri L.P. Varte, Shri E.V. Rao (Alternate)
14.	Ministry of Railways (RDSO), Lucknow	Shri B. L. Jatav Shri Baij Nath (Alternate I) Shri Dallu Ram (Alternate II)
15.	Ministry of Steel (Govt of India) , New Delhi	Dr.S. S. Tak Shri S.K. Bhatnagar (Alternate)
16.	Power Grid Corporation , Gurgaon	Shri M . K . S e t h i (A l t e r n a t e) Shri K.N.M.Rao
17.	Rashtriya Ispat Nigam Ltd; (VSP) , Vishakhapatnam	Shri P.K. Sen Shri P. Srinivas (Alternate)
18.	SAIL, Bhilai Steel Plant , Bhilai	Shri Sandip Choudhury Shri K.L.Balasubramanian (Alternate)

19.	SAIL, Bokaro Steel Plant , Bokaro	Shri A. Dasgupta Shri S. Saha (Alternate)
20.	SAIL, Central Marketing Organization, New Delhi/Mumbai	Shri M. Hora, Shri N. K. Mehta (Alternate)
21.	SAIL, Research & Development Center for Iron & Steel , Ranchi	Dr. B.K. Jha , Shri Atul Saxena (Alternate)
22.	SAIL, Rourkela Steel Plant , Rourkela	Shri C. Muthuswamy, Shri S. Mukhopadhyaya (Alternate)
23.	Steel Re-rolling Mills Association of India ,Mandi Gobindgarh	Shri B.M.Beriwala, Shri H.D. Khera (Alternate)
24.	Tata Consulting Engrs., Jamshedpur	Dr. M.D. Maheshwari
25.	Tata Motors Limited , Pune	Shri B.R. Galgali, Shri U.B.Pathak (Alternate)
26.	Central Public Works Department, New Delhi	Chief Engineer (NDR) Superintending Engineer (NDR)
27.	Society of Indian Automobile Manufacturers (SIAM) New Delhi	Shri Sushil Kumar
28.	The Tin Plate Company of India Ltd , Jamshedpur	Shri A.K. Ghosh, Shri S. J. Dey (Alternate)
29.	National Metallurgical Laboratory, Jamshedpur	Awaited -
30.	Central Power Research Institute,(CPRI), Bangalore	Awaited -
31.	Vijay Electrical	Awaited
32.	Automotive Component Manufacturer Association, New Delhi	Awaited

Composition of Ferro Alloys Sectional Committee, MTD 5

Scope: Standardization in the field of ferro alloys and other metallic additions used for iron steel making

CHAIRMAN: Shri Arumugam Kannan

SI.No.	Organization	Name of Representative
1.	Steel Authority of India Ltd, Durgapur	Dr. Ashim Kr. Ray Shri Arumugam Kannan (Alternate)
2.	Bhabha Atomic Research Centre, Mumbai	Shri I. G. Sharmar Dr. S. P. Chakraborty (Alternate)
3.	Bharat Heavy Electricals Ltd, Trichy	Shri M. Somu Shri C. Gragoril
4.	FACOR Alloys Ltd	Shri V.R.K. Paramahansa Shri L. Shariff(Alternate)
5.	Hindustan Development Corp. Mody Building, Kolkata	Shri J.P. Gupta Shri D.H. Keala (Alternate)
6.	Indian Metals & Ferro Alloys Ltd,	Dr. R.N. Murthy Shri Dinesh Kumar Mohanty(Alternate)
7.	Jindal Stainless Ltd,	Mr. Sunil Gera Shri Sandeep Maheshwari(Alternate)
8.	M.P. Iron & Steel Co. Ltd, New Delhi	Shri V.M. Jhanji Shri S.C. Singhal (Alternate)
9.	Maharashtra Electrosmelt Ltd, Chandrapur	Shri R.V. Naphade Shri M.V. Zode (Alternate)
10.	Ministry of Railways, Chittaranjan	Shri B. Mahato
11.	Ministry of Railways, Wheel & Axle Plant, Bangalore	Shri K. Mukhopadhyay
12.	Ministry of Steel (Technical Wing), New Delhi	Shri A.C.R. Das Shri B.D. Ghosh (Alternate)
13.	Mishra Dhatu Nigam Ltd, Hyderabad	Shri K.P. Singh
14.	Mukund Ltd, Mumbai	Shri C.H. Sharma Dr. Amit Ganguly (Alternate)
15.	National Metallurgical Lab, (NML), Jamshedpur	Dr. S.D. Singh Shri R.K. Minj (Alternate)
16.	Raksha Mantralaya (DGQA),New Delhi	Shri Anil Garg Lt. CDR, Alok Mohan (Alternate)
17.	Research and Development centre for Iron and Steel	Shri N.N. Jha Dr. S.R. Ghanatasala (Alternate)
18.	SAIL,Visvesvaraya Iron & Steel Plant, Bhadravati (S. Rly)	Shri H.K. Venkatesh Kumar Shri K.M. Satyanarayana (Alternate)
19.	Sivanada Steels Ltd, Chennai	Shri R.P. Krishnamurthi Shri R. Prasad (Alternate)

20.	Steel Authority of India Ltd, Rourkela	Dr. R.K. Das Shri N. Tripathy (Alternate)
21.	Sunflag Iron & Steel Co. Ltd, New Delhi	Shri M.S. Uyake Shri T.R. Sud (Alternate)
22.	The Indian Ferro Alloy, Mumbai	Shri C.L. Malik
23.	The Sandur Manganese & Iron, Ores Ltd, Hospet	Technical Director Shri M.F. Lobo (Alternate)
24.	Tata Steels Ltd, Jamshedpur	Dr. A.K. Das Shri K.V. Deoras (Alternate)
25.	Universal Ferro & Allied Chemals Ltd, Tumsar	Shri N.N. Patra
26.	Vishakhapatnam Steel Plant	Shri P. Nageswara Rao Shri G. Rajaraman (Alternate)

Composition of Pig Iron and Cast Iron Sectional Committee, MTD 6**Scope:** Standardization in the field of Pig Iron, various types of cast iron**CHAIRMAN: DR. S. PRAKASH**

Sl.No.	Name of Organization	Represented by
1.	Dte General of Supplies & Disposals, Delhi	Shri R.P. Singh
2.	Electrosteel Castings Ltd, Kolkata	Shri S.K. Bhalla Shri Atindra Narayan Dey (Alternate)
3.	Electrothermochem (India) Ltd, Ahmedabad	Shri Tejes Patel Shri Kalpesh Madhu (Alternate)
4.	Escorts Ltd, Faridabad	Shri Alok Nayyar
5.	Grey Iron Foundry, Jabalpur	Shri A.K. Lala Shri Ram Achal (Alternate)
6.	Jal Balaji Industries Ltd, Kolkata	Shri M. Chandrirasekaran Shri Bivash Chakraborty (Alternate)
7.	Jayeswals Neco Ltd, Nagpur	Shri A.B. Pandey Shri K.K. Singh (Alternate)
8.	Jindal Saw Ltd, New Delhi	Shri Maneesh Kumar Shri Pramil Sirohi (Alternate)
9.	Kejriwal Castings Ltd, Kolkata	Shri Sandip Kejriwal Shri Rajeev Kejriwal (Alternate)
10.	Kolkata Metropolitan & Development Authority, Kolkata	Shri R.M. Chatterjee Shri A.N. Basak (Alternate)
11.	Lanco Industries Ltd, Rachaganerri	Shri G. Natarajan Shri K.S. Dev (Alternate)
12.	Lokesh Industries Ltd,	Shri R.L. Dubey Shri B. Lokesh Pruddu (Alternate)
13.	M&C Central Laboratory, Ajmer	Shri Radhey Shyam
14.	Military Engineer Services, New Delhi	Dr. Ram Verma
15.	Ministry of Commerce & Industries, New Delhi	Shri K.K. Sinha Shri M.Z. Khan (Alternate)
16.	Ministry of Steel, New Delhi	Dr. S.S. Tak Shri S.K. Bhatnagar (Alternate)
17.	Ordnance Factory Board, Maharashtra	Shri P.C. Gupta
18.	Orient Trading Company, Kolkata	Shri Arabinda Chatterjee
19.	PWD, WS & SD, Panchkula	Chief Engineer
20.	R&D Centre for Iron and Steel, Ranchi	Shri Ajay Arora Shri B.K. Das (Alternate)
21.	Rashmi Metaliks Ltd, Kolkata	Shri Arashdeep Singh Chawla Shri P.N. Deodhe (Alternate)
22.	RDSO, Ministry of Railways, Lucknow	Shri C. Sengupta Dr. L.k. Srivastava (Alternate)
23.	National Metallurgical Laboratory, Jamshedpur	Dr. S.D. Singh
24.	Tata Consultancy Engineers Ltd, Bangalore	Shri G.S. Ravi Shankar Shri G.N. Virupaksha (Alternate)
25.	Tata Metaliks Kubota Pipes Ltd, Kolkata	Shri Santanu Banerjee Shri N.V. Ramanathan (Alternate)
26.	Tata Motors Ltd, Pune	Shri G. Raghvendra Shri S.G. Pawar (Alternate)
27.	Tru-Form Engineers, Nagpur	Shri Mahesh G. Nichwani Shri Arup K. Shiwankar (Alternate)

28.	Vishakhapatnam Steel Plant, Vishakhapatnam	Shri R.N. Bhattacharya Shri G. Ramesh Chander (Alternate)
29.	Kolkata Metropolitan Water & Sanitary Authority (KMWSA), Kolkata	Awaited
30.	Delhi Jal Board, Delhi	Awaited
31.	MJP, Mumbai	Shri Subhash B. Bhujbal
32.	BWSSB, Bangalru	Awaited
33.	DWSB, Ranchi	Awaited
34.	BUIDCO, Patna	Awaited
35.	GWSSB, Gandhinagar	Shri Deepakbhai G. Ramchandani
36.	CMWSSB, Chennai	Awaited
37.	AUWSSB, Guawati	Awaited

COMPOSITION OF LIGHT METALS AND THEIR ALLOYS SECTIONAL COMMITTEE, MTD 7

Scope - Standardization in the field of aluminium, magnesium, titanium and their alloys and products (other than structural sections) i

CHAIRMAN: Shri Subhankar Gupta

Sl.No.	Name of Organization	Represented by
1.	HINDALCO (R&D Centre) Industries Ltd., Talaja, Navi Mumbai	Shri K.M. Shankar Nayak
2.	Aluminium Association of India , Bangalore	Prof. K.S.S. Murthy, Shri N.C.Sud (Alternate)
3.	Aeronautical Development Estt., Bangalore	Shri G.S. Ravindra, Shri T. Mohan Reddy (Alternate)
4.	BEML, Bangalore	Shri H.S.Prakash, Shri R. Nanda Nandan (Alternate)
5.	Bharat Aluminium Co Ltd , Korba	Dr.P.K.N. Raghvan, Shri S. Prasad (Alternate - I), Shri K. Karmakar (Alternate-II)
6.	CEMILAC , Bangalore	Dr. P. Ragotham Rao, Shri Kishora Shetty (Alternate)
7.	DGAQA, New Delhi/ Bangalore	Shri V.O. Janardhanan
8.	DGS&D, Kolkata / New Delhi	Nomination Awaited
9.	DMRL, Hyderabad	Dr. Amol. A. Gokhale, Dr. Vijaya Singh (Alternate)
10.	DRDL, Hyderabad	. Dr. S. Sundarajan, Dr G.Raja Singh (Alternate)
11.	Escorts Knowledge Management Centre, Faridabad	Shri Alok Nayar
12.	HINDALCO Industries Ltd.,Renukoot	Shri Promod N. Koparde, Shri Atul Gupta (Alternate)
13.	Hindustan Aeronautics Ltd., Bangalore	Dr. R.R. Bhatt
14.	Indian Space Research Organisation, Bangalore	Shri T.S. Nanjunda Swamy, Shri Rajendra Hulyal (Alternate)
15.	Institute of Indian Foundrymen , New Delhi	Awaited
16.	J.N. Alumn, R & D Design Centre , Nagpur	Shri R.N. Chauhan
17.	Jindal Aluminium Ltd , Bangalore /New Delhi	Shri U.C.Dosi, Shri P.Devaraj (Alternate)
18.	Ministry of Defence,CQA (MET), Ichapur	Shri Gautam Gupta, Shri S.J. Kolarkar (Alternate)
19.	Ministry of Industry, (O/o MSME), New Delhi	Awaited
20.	National Aluminium Co. Ltd , Bhubneshwar	Shri N.K. Mondal Mrs. Binuta Patra (Alternate)

21.	National Metallurgical Laboratory , Jamshedpur	Dr. K.L. Sahoo, Dr. V. C. Srivastava (Alternate)
22.	National Test House , Ghaziabad	Shri B.M. Sood, Shri P. Majumdar (Alternate)
23.	Ordinance Factory , Ambajhari	Nomination Awaited
24.	RDSO (Diesel Locomotive Works) Liluah Workshop,Varanasi	Shri B. Dasgupta, Shri Alok Bose (Alternate)
25.	Advance Material & Process Research Institute (AMPRI), Bhopal	Dr. S. Das, Dr. B. K. Prasad (Alternate)
26.	SALCO Extrusions (P) Ltd. Mumbai	Shri Gopal M. Pai, Smt Pooja Kamat (Alternate)
27.	Shri Ram Institute for Industrial Research , Delhi	Dr. P.K. Kaicker, Smt. Laxmi Rawat (Alternate)
28.	Sundaram Calytone	Awaited
29.	White Metal	-do-
30.	Ess Dee India	-do-
31.	Century Alloy	-do-
32.	Century Extrusions Ltd, Kolkata	-do-

COMPOSITION OF COPPER AND COPPER ALLOYS SECTIONAL COMMITTEE, MTD 8**Scope** - Standardization in the field of copper and copper alloys and products

CHAIRMAN: Dr. D. De Sarkar

Sl.No.	Name of Organization	Represented by
1.	Indian Copper Development Centre, Kolkata	Shri Indrajit Mukherjee
2.	Agrawal Metal Works Pvt. LTD., Rewari	Shri D.K. Jain, Shri Umang Jain
3.	Bharat Electronics Ltd., Bangalore/Ghaziabad	Shri Sridhar S. Nadiger, Shri Anuj Singh
4.	Bharat Heavy Electricals Ltd., Bhopal	NOMINATION AWAITED
5.	Birla Copper Ltd., Bharuch	. DR.P.R.Landge, Shri B.M. Sharma
6.	Crompton Greaves Ltd., Mumbai	Dr. Vivek Singal
7.	Chandra Proteco Ltd, Silvasa	Shri Aloke Chakravorty Dr. S.K. Roy
8.	Finolex Cable Ltd.,	NOMINATION AWAITED
9.	Gem Sanitary Appliances Pvt Ltd, Delhi	Shri B.K. Singhal Shri V.K. Chowdhary
10.	Hindustan Copper Ltd., Kolkata	Shri A.K.Sarkar, SHRI J.BHATTACHARJEE
11.	Indoswe Engineers Pvt Ltd., Pune	Shri U.K. Jatia, Shri S.K. Jain
12.	.International Copper Promotion Council (India), Mumbai	Shri Ajit ADvani Shri Milind Raje
13.	Larsem & Toubro Ltd, Mumbai	NOMINATION AWAITED
14.	Ministry of Defence (DGQA) KATNI QAO, QAE (MET),	Shri K. Saha Shri Raghuram (Alternate)
15.	Ministry of Defence (OFB) Kolkata	Shri R.K.VARSHNEY, Shri P.S.Bandhopadhyay
16.	Ministry of Defence (DMRL) Hyderabad	Dr. S. Nagarjuna
17.	Ministry of Railways (RDSO) Lucknow	Shri A. K. Mandal Shri S.K. Das
18.	Rapsari Engineering Industries Ltd., Bangalore	Dr. P. Sriram
19.	Saru Copper Alloy Semis Pvt Ltd., Meerut	Shri D.P.Jain Shri sanjeev jain
20.	Sterlite Industries India Ltd., SILVASA	Ms. Meenakshi Sabharwal Shri Suresh Sidwalkar
21.	The Indian Smelting & Refining Co., Mumbai	Shri V.K. Sharma Shri J.V. Mahajan
22.	Vanaz Engineers Pvt Ltd., Pune	Shri K.P.Veleyudhan Shri L.S. Shinde
23.	Eastern Copper Manufacturing Co. Pvt Ltd., Kolkata	Shri Ravi Choudhary
24.	JMW Copper India Ltd, Jammu	S h r i P . K . S a x e n a
25.	Metal Gems, Mumbai	S h r i R i k h a b M e h t a

Composition of Lead, Zinc, Cadmium, Tin, Antimony, other Non-ferrous Special Metals and their Alloys Sectional Committee, MTD 9

Scope -Standardization in the field of lead, zinc, cadmium, tin, antimony, nickel, molybdenum, tungsten and other special non-ferrous metal (excluding light metal) and their alloys

CHAIRMAN: Shri Anil Garg

Sl.No.	Name of Organization	Represented by
1.	B.T. Solders Pvt Ltd., Bangalore	Shri Anant Toshniwal, Shri S. Ramesh (Alternate)
2.	Bhabha Atomic Research Centre , Mumbai	Dr. G.K.Dey
3.	Bhushan Power and Steel Ltd, Serampore, West Bengal	Shri P. S. Bhattacharjee, Shri P. S. Paul (Alternate)
4.	Binani Industries Ltd., , Binanipuram	Dr. K. Sasi, Dr. T.N. Suresh Kumar (Alternate)
5.	CECRI, Karaikudi	D r . N . V e n k a t a k r i s h n a n , Shri Jam Abdul Kadel (Alternate)
6.	Eveready Industries India Ltd., Kolkata	Shri A. Dutta, Dr. G. Roopkumar (Alternate)
7.	Exide Industries Ltd., Kolkata	S h r i A . K . C h a t t e r j e e , Shri Amal Bhattacharaya (Alternate)
8.	Hindustan Zinc Ltd, Udaipur	S h r i K . D . S h a r m a , Shri Ch S. J. Sharma (Alternate)
9.	Indian Lead Ltd, Mumbai	S h r i B . C . T h a d h a n i , Shri P.N. Mago (Alternate)
10.	Larsen & Toubro Ltd, Pondicherry	S h r i C h i t i k e l a V e n k a t a R a m a n
11.	Met Trade (India) Ltd, Delhi	S h r i R a m a n G u p t a , Shri Vinay Shankar (Alternate)
12.	Ministry of Defence (DGQA), Ichapur	Shri E.V. Rao Shri K. Saha (Alternate)
13.	. Ministry of Mines, New Delhi	D i r e c t o r
14.	Reliable Galvanizers & Fasteners P.Ltd., Thane	Shri Ganesh K. Potdar
15.	National Metallurgical Laboratory, Jamshedpur	Dr. S. Ghosh, Dr. A. Pradjam (Alternate)
16.	National Test House, Kolkata	D r . S y a m a l K u m a r S a h a , Dr. (Mrs) Alpana Biswas (Alternate)
17.	. Power Grid Corp of India Ltd, Haryana	Shri K. N. M. Rao, Shri M K Sethi (Alternate)
18.	RDSO (M & C Directorate), Lucknow	Dy Director (Met II), ARO (Met VI) (Alternate)
19.	MSME Testing Centre(NR), New Delhi	Director, Shri Vinay Kumar (Alternate)
20.	RITES Ltd, Gurgaon	S h r i D . K . S i n h a , Shri M. P. Gupta (Alternate)
21.	Saru Smelting Pvt Ltd., Meerut	S h r i S h a s h a n k J a i n , Shri Pradeep Kumar (Alternate)
22.	Southern Metals & Alloys P. Ltd., Mumbai	Shri Vivek Noronha
23.	Telecom Factories	Shri A. K. Saha, Shri M. K. Kuldeep (Alternate)
24.	Bharat Electronics Ltd., Bangalore	S h r i R a v i B h u s h a n
25.	Indian Rare Earths Ltd., Mumbai	Shri D. Singh, Shri R.A. Khale (Alternate)

COMPOSITION OF PRECIOUS METALS SECTIONAL COMMITTEE, MTD 10

Scope: Standardization in the field of precious metals

CHAIRMAN: Dr. R. Krishna Moothy

Sl.No.	Name of the Organization	Represented by
1	All India Gems & Jewellery Trade Federation , Mumbai	Shri Ashok Minawala Shri C. Vinod Hayagriv (Alternate)
2	Consumer Education and Research Centre , Ahmedabad	Shri Anindita Mehta Ms. Dolly Jani (Alternate)
3	Consumer Guidance Society of India , Mumbai	Shri Sitaram Dixit Dr. M.S. Kamath (Alternate)
4	Ex Chairman in Personal Capacity , Pune	Shri S.C. Saha
5	Gemological Institute of India , Mumbai	Shri K.T. Ramachandran
6	Gujrat Gold Centre , Ahmedabad	Shri Suresh C. Kansara Shri Anil C. Kansara (Alternate)
7	Hindustan Zinc Ltd, , Udaipur	Shri Sunil Duggal Shri Avinash Chand Raj (Alternate)
8	Indian Association of HallMarking centres , Chennai	Shri Raj Kumar M. Jain
9	Indian Association of Hall Marking Centres , New Delhi	Shri Ishwar Jalan
10	Indian Association of Hallmarking Centres , Mumbai	Shri Basant Raj Mehta
11	Indian Diamond Institute, Surat ,	Shri K.K. Sharma Shri Samir D. Joshi (Alternate)
12	Indian Institute of Technology , Mumbai	Prof. S. Parida Prof. N.K. Khosla (Alternate)
13	Indian Institute of Toxicology Research , Lucknow	Dr. Mukul Das Dr. R.C. Murthy (Alternate)
14	Institute of Chemical Technology , Mumbai	Prof. B.M. Bhanage Prof. Radha V. Jayaram (Alternate)
15	MMTC Ltd , New Delhi	Shri Ashwani Kapoor Shri D.K. Seth (Alternate)
16	National Centre for Compositional Characterisation of Materials (CCCM) , Hyderabad	Dr. R. Shekhar
17	National Chemical Lab. , Pune	Dr. A.P. Singh Dr. D. Sriivas (Alternate)
18	National Metallurgical Laboratory , Jamshedpur	Shri K.K.Gupta Dr. S. Chakraborty (Alternate)
19	National Physical Laboratory , New Delhi	Awaited
20	National Refinery Pvt. Ltd , Mumbai	Shri Suresh P. Sonawala Shri Amit J. Sonawala (Alternate)

21	National Test House , Kolkata	Shri M. Chakraborty Shri S.K. Aggarwal (Alternate)
22	Sigma Four , New Delhi	Shri A.K. Bhel Smt. Anita Bhatia (Alternate)
23	The Gem & Jewellery Export Promotion Council , Mumbai	Shri Sabyasachi Ray Shri Dilip Shah (Alternate)
24	Titan Industries Ltd, , Tamilnadu	Shri L.R. Nartajan Shri B. Manimaran (Alternate)
25.	Geological Survey of India, Kolkata	Awaited
26.	Govt India Mint	-do-
27.	NMDC, Hyderabad	-do-

COMPOSITION OF Welding General and its Application Sectional Committee , MTD 11

Scope: Standardization in the field of welding fundamental ,consumables ,equipment (other than electrical) testing ,training, safety ,joining, surfacing, repairing and thermal cutting application by arc welding,soldering, brazing,friction welding and explosive, Ultrasonic Welding etc.

LIAISON- ISO/TC 44 Welding and allied processes

CHAIRMAN: Dr. Shanju K. Albert

SI.No.	Name of the Organization	Represented by
1.	Ministry of Railways, Lucknow	Shri B.L. Birwa Shri Om Prakash
2.	Ador Welding Ltd, Bhandup	Shri H.K. Bhatia
3.	Asian Industries, Noida	Shri Ish Khanna Shri Rajeev Khanna (Alternate)
4.	BEML Ltd, Kolar Gold Fields	Shri M.L. Seetha Shahram Shri J. Praveen (Alternate)
5.	Bhabha Atomic Research Centre, Mumbai	Shri K.N. Karn
6.	Bharat Earth Movers Limited , Kolar Gold Fields	Shri J. Sathya Nagaraju Shri Sudhakar (Alternate)
7.	Bharat Electronics Ltd, Bangalore	Shri Shreedhar S. Nadiger Shri Murari Lal (Alternate)
8.	Bharat Heavy Electricals Ltd, Tiruchirapalli	Dr. A. Raja Dr. K. Ashok Kumar (Alternate)
9.	D&H Secheron Electrodes Ltd, Indore	Shri N.V.B. Sarma Shri T.J. Prasad Rao (Alternate)
10.	Defence Research and Development Laboratory, Hyderabad	Shri C.V.S. Murthy Shri P. Mastanish (Alternate)
11.	Delko India Consultants, New Delhi	Shri J.R. Prashar
12.	Directorate of Naval Architecture, New Delhi	Commodore Ratnakar Ghosh Commander R.K. Sehgal(Alternate)
13.	Engineers India Ltd, New Delh	Shri S. Ghoshal Shri M.P. Jain(Alternate)
14.	ESAB India Ltd, Chennai	Shri Ravi Kumar
15.	Ex-Chairman (In personal capacity), Mumbai	Shri P.B. Desai
16.	Godrej & Boyce Mfg Co Ltd, Mumbai	Shri Anand Bagdare
17.	Honavar Electrodes Ltd. , Mumbai	Shri D.S. Honavar
18.	In Personal Capacity , Mumbai	Shri P.B. Desai
19.	Indian Institute of Technology , Mumbai	Prof. Amitava De Prof. N.B.Ballal (Alternate)
20.	Indian Oil Corporation Ltd. , Noida	Shri S.S. Gupta
21.	Indian Register of Shipping , Mumbai	Shri R. Kalra
22.	Indian Welding Society , Mumbai	Shri R.D. Pennathur Shri Anand Purswani (Alternate)
23.	Indira Gandhi Centre for Atomic Research , Kalapakkam	Dr. A.K. Bhaduri
24.	Larsen & Toubro Limited , Mumbai	Shri D.V. Kulkarni Shri Y.S. Trivedi (Alternate)

25	MECON LIMITED , Ranchi	Shri V. Muralidhar Gupta Shri A.K. Nan (Alternate)
26	Ministry of Defence (DGQA) , Ichapore	Shri A.K. Khanna Shri Pinaki Chakraborty (Alternate)
27	Ministry of Railways (RDSO) , Lucknow	Shri B.L. Bairwa Shri Harish Chandra (Alternate)
28	Modi Arc Electrodes Co. , Modi Nagar	Shri Pradyot Mukerji Shri U. K. Sharma (Alternate)
29	National Test House , Ghaziabad	Shri Sher Singh Dr. P. Kanjilal (Alternate)
30	Nuclear Power Corporation of India Ltd , Mumbai	Shri Pradyot Mukherji Shri A.K. De (Alternate)
31	Office of the Development Commissioner (MSME) , New Delhi	Shri Niranjana Naik Shri Dinesh Kumar (Alternate)
32	Oil and Natural Gas Corp. Ltd. , Dehradun, Uttarakhand	Shri D.K. Sharma Shri J.S. Rathore (Alternate)
33	Ordnance Factory Board , Kolkata	Shri S.K. Dogra Shri A.B. Hande (Alternate)
34	SAIL, Research & Development Centre for Iron & Steel , Ranchi	Shri Atul Saxena Shri B. Sarkar (Alternate)
35	Tata Motors Limited , Pune	Shri V. Hariharan
36	Tata Steel Ltd. , Jamshedpur	Dr. Mahadev Shome Mr. Gautam Mukhopadhyay (Alternate)

Composition of Ores and Raw Materials Sectional Committee, MTD 13**Scope:** Standardization in the field of ores and raw materials for metallurgical industry**CHAIRMAN: Shri N.K. Nanda**

Sl.No.	Name of the Organization	Represented by
1.	Atomic Minerals Division, New Delhi	Shri Adarsh Kumar Dr. K. Satyanarayana (Alternate)
2.	Bharat Aluminium Co. Ltd, Korba(MP)	Shri B.R. Chandel
3.	Bhilai Steel Plant (SAIL) , Bhilai	S h r i S . K . G hosh Shri Thirumavalavan (Alternate)
4.	Central Glass & Ceramic Research Institute, Kolkata	Awaited
5.	Defence Metallurgical Research Lab, (DMRL), Hyderabad	Dr.Ch.R.V.S.Nagesh Shri M. Kirtania (Alternate)
6.	Directorate General of Supplies & Disposals, New Delhi	Shri M. A. Khan Shri S. K. Rastogi (Alternate)
7..	Geological Survey of India, Kolkata	Shri S. K. Kar Dr. Shivdas (Alternate)
8.	HINDALCO Industries Ltd; ,Kolhapur, Maharashtra	Shri Uday V. Pawar
9..	Hindustan Zinc Ltd , Rajasthan	D r . S . C . M ehta Dr. Rajen Kumar (Alternate)
10.	Indian Bureau of Mines, Nagpur	Shri B. S. Moroney
11.	Indian Rare Earths Ltd, Kollam, Kerala	Dr. S. Suresh Kumar
12.	Jawahar Lal Aluminium Research Development and Design Centre, Nagpur	Shri Raj Shekhar Mishra Dr. Suresh O. Puttewar (Alternate)
13.	JSW Steel Ltd, , Karnataka	S h r i P . K . M urugan Shr K. T. Sharana Gouda (Alternate)
14.	Kudremukh Iron Ore Co. Ltd , Mangalore	Shri B.V. Prakash Shri B. B. Pal (Alternate)
15.	M.N. Dastur & Co. Ltd, , Kolkata	S h r i R a j a t B o r a l Shri Anirban Sen (Alternate)
16.	Manganese Ore (India) Ltd, Nagpur	Shri M. D. Sorathia Shri D. Shome (Alternate)
17.	Mineral and Metals Trading Corpn, (MMTC), New Delhi	Shri S.V. Kalve Shri R. N. Singh (Alternate)
18.	Mineral Exploration Corpn. Ltd, Nagpur	Shri V.K.S. Visen Shri S. K. Lagoo (Alternate)
19.	Mitra S.K. Pvt. Ltd, Kolkata	S h r i S a j a l M i t r a Shri K. K. Das (Alternate)
20.	National Aluminium Co. Ltd; Bhubaneswar	Shri S. N. Das Shri B. Toppo (Alternate)
21.	National Metallurgical Lab Jamshedpur	Shri K.K. Bhattacharya Dr. Ratnakar Singh (Alternate)
22.	National Mineral Development Corporation Ltd, Hyderabad	Shri S. K. Sharma Shri Vibhuti Roshan (Alternate)
23.	National Test House (ER) , Kolkata	Shri A.K. Chakraborty Smt Sashi Sharma (Alternate)
24.	Rourkela Steel Plant, Rourkela	Shri A. Sengupta Dr. R. K. Das (Alternate)

25.	SAIL, Raw Material Division Industry House ,	Shri A.K. Pandey
26.	Sesa Goa Ltd , Goa	. S h r i A r v i n d Hondigol Shri Joaquim D' Costa (Alternate)
27.	Shriram Instiute for Industrial Research, New Delhi	Mrs. Laxmi Rawat, Shri B. Govindan (Alternate)
28.	Sociedade De Formento Industries Ltd, Margad	Shri N. B. Gude Shri S. D. Govekar (Alternate)
29.	Steel Authority of India Ltd,(SAIL) Ranchi	Dr. B.B. Agrawal Dr. S. K. Pan (Alternate)
30.	Tata Steel , Jamshedpur	D r P . K . B a n e r j e e Dr. S. Mohan Rao (Alternate)
31.	TRL Korosaki Ltd., Belpahar	S h r i S a d h a n Kundu Shri Sudhir Kr. Subudhi (Alternate)
32.	Visakhapatnam Steel Plant Visakhapatnam	Shri T. Goutham Shri R. Mohanty (Alternate)

COMPOSITION OF Foundry and Steel Castings Sectional Committee, MTD 14**Scope:** Standardization in the field of foundry materials, foundry practice and steel castings**CHAIRMAN:** Shri SVS Narayana

Sl.No.	Name of the Organization	Represented by
1	Besco Limited , Kolkata	Shri M.S. Tantia Shri A. Chatterji (Alternate)
2	Bhagwati Steel Cast Ltd , Mumbai	Shri I.A. Vasawala Shri Jagdish M. Patel (Alternate)
3	Bharat Earth Movers Ltd , Kolar Gold Fields	Shri Kallol Rai Sri H.C. Rudrachar (Alternate)
4	Bharat Heavy Electricals Limited , Haridwar	Shri V.K. Agarwal Shri Tushar Dave (Alternate)
5	Bhilai Engineering Corporation Limited , Bhilai	Shri Subhasis Das Shri A.B. Chatterjee (Alternate)
6	Dte General of Supplies & Disposals ,	
7	In Personal Capacity , Lucknow	Shri A.K. Mandal
8	In Personal Capacity , Noida	Shri Prakash Narain
9	India Core Oil Ltd , Faridabad	Shri Sudhir Pal
10	Indian Register of Shipping, , New Delhi	Shri R. Sachdeva Shri R.K. Kalra (Alternate)
11	Indian Institute of Technology , Kharagpur	Prof. Sarat Chandra Panigrahi
12	Institute of Technology , Varanasi	Prof. A.K. Ghose Dr. Sunil Mohan, Reader (Alternate)
13	Ministry of Defence (DGQA) , Muradnagar	Shri V.K. Sohal Shri V.K.S. Balyan, (Alternate)
14	Ministry of Railways, , Chittaranjan	Chemist & Metallurgist Addl Chief Chemist & Met (Alternate)
15	Ministry of Science & Technology , New Delhi	Shri K.S.P. Rao
16	National Institute of Foundry & Forge Technology , Ranchi	Shri D.N. Prasad Dr. K. K. Singh (Alternate)
17	National Institute of Secondary Steel Technology , Mandi Gobindgarh	Mr. R.K. Bagchi
18	National Metallurgical Lab , Jamshedpur	Dr. Sukomal Ghosh
19	Ordnance Factory Board , Jabalpur	Shri R.K. Sagar Shri Rajiv Jain (Alternate)
20	PTC Industries Ltd , Lucknow	Shri Alok Agarwal Shri M.P. Verma (Alternate)
21	R & D Centre for Iron and Steel , Ranchi	Dr S.R. Ghantasala Dr S.K. Sahay (Alternate)

22	RDSO, Ministry of Railways , Lucknow	Shri C. Sengupta Shri Shaik Nazir (Alternate)
23	Steelcast Ltd, , Bhavnagar	Shri V.K. Chakraborty Shri M.L. Vaishnav (Alternate)
24	Tata Motors , Jamshedpur	Dr D.S. Padan (Alternate)
25	The Institute of Indian Foundrymen , New Delhi	Shri K.S. Satyanarayna Shri A.K. Anand (Alternate)
26	Versatile Equipments Pvt Ltd. , Kolhapur	Shri Pushkraj Janwadkar Shri Mohan Patil (Alternate)

COMPOSITION OF REFRACTORIES SECTIONAL COMMITTEE, MTD 15

Scope: Standardization in the field of refractories

CHAIRMAN: Dr. A.K. Chattopadhyay

Sl.No.	Organization	Represented by
1.	ACE Calderys Ltd, Nagpur	Dr. I.N. Chakraborty Shri T.K. Biswas (Alternate)
2.	Cental Glass and Ceramic Research Institute, Kolkata	Dr. Swapan Das Dr. Arup Ghosh (Alternate)
3.	CET, SAIL, Ranchi	Shri S.K. Saraswat Shri Basant Kumar (Alternate)
4.	Dalmias Inst. Of Science & Ind Research, Rajganapur	Dr. N. Sahoo Dr. P. Sahu (Alternate)
5.	Engineers India Ltd, New Delhi	Shri P.P. Lahiri Shri P. Saha (Alternate)
6.	IFGL Refractories Ltd, Kolkata	Dr. G. Banerjee
7.	In Personal Capacity, Kolkata	Dr. P.K. Das Poddar
8.	Indian Refractories Makers Association, Kolkata	Shri A. Das Gupta Shri B.N. Ghosh (Alternate)
9.	M.N. Dastur & Co Pvt Ltd, Kolkata	Shri Swapan Kumar Das Shri Subhankar Kundu (Alternate)
10.	Maithan Ceramic Ltd, Jharkhand	Shri Nilov Chakraborty Shri Anil Prasad
11.	MECON, Ranchi	Shri S. Mukherjee Shri S. Banerjee (Alternate)
12.	National Test House, Kolkata	Shri Alok Dey Dr. Anuradha Ghosh (Alternate)
13.	OCL India Ltd, Rajganpur	Dr. J.K. Sahoo Shri P.C. Patnaik (Alternate)
14.	Rashtriya Ispat Nigam Ltd, Bisakhapatnam	Shri G. Dutta Shri S.K. Bhattacharya (Alternate)
15.	SAIL, Bhilai Steel Plant, Bhilai	Dr. L. Tiwari Shri A. Dasgupta (Alternate)
16.	Steel Authroity of India Ltd, Ranchi	Shri P.K. Roychoudhury Dr.N.K. Ghosh (Alternate)
17.	Tata Steel Ltd, Jamshedpur	Shri Atanu Ranjan Pal Shri P. Panjorahi (Alternate)
18.	TRL Krosaki Refractories Ltd, Orissa	Dr. S. Adak Shri P. Chakraborty (Alternate)
19.	In Personal Capacity	Shri Barun Deb Mukherjee
20.	JSW Steel	Awaited
21.	JSPL	-DO-
22.	NALCO	-DO-
23.	Hindustan National Glass Industries Ltd,	-do-

Composition of Alloys Steels and Forgings Sectional Committee, MTD 16

Scope: Standardization in the field of alloy & special steels and forging including classification, designation and coding of related steels

CHAIRMAN: Shri Sunil Sisodia

Sl.No.	Organization	Represented by
1.	All India Stainless Industries Association, Mumbai	Shri Hitendra Bhalaria Shri Jaykumar Bansal (Alternate)
2.	. Amforge Industries Ltd, Mumbai	Shri Suresh Lad
3.	Atomic Mineral Division, Nagpur/New Delhi	Shri P.K. Srivastava Dr. Adrash Kumar (Alternate)
4.	Bharat Forge Ltd, Pune	Shri Suhas Gode Shri Sanjeev S. Pargonkar(Alternate)
5.	Bharat Heavy Electricals Ltd,	Shri V. Ravikumar
6.	Bharat Heavy Electricals Ltd	Shri Ch.Srinivasulu Shri Manish Kumar (Alternate)
7.	Central Boiler Board, West Bengal	Shri Amiya Madhav Halder (Alternate)
8.	Central Boilers Board, New Delhi	Awaited Shri Amitava Mukherji (Alternate)
9.	Defence Met. Research Laboratory, Hyderabad	Dr.M.Srinivas Dr.R.Balamuralikrishnan(Alternate)
10.	DGS&D, Kolkata	Shri A.K.Jain
11.	Govt of NCT of Delhi, Chief Inspector of Boilers & Smoke Nuisances, New Delhi	Shri R.K.Malhotra
12.	Heavy Engineering Corporation, Ranchi	Shri D.K. Das
13.	Hindustan Aeronautical Limited (HAL), Bangalore	Dr. R.R.Bhat
14.	Indian Stainless Steel Development Association	Shri Rohit Kumar Shri Rajat Agarwal (Alternate)
15.	Jindal Stainless Limited, Hissar	Shri S.Maheshwari Dr.A.S.Poddar (Alternate)
16.	M/s Escorts Indian Ltd, R&D Centre,, Faridabad	Shri Alok Nayar
17.	Mahindra UGINE Steel Co Ltd,,	Shri P.K.Adishesha
18.	Ministry of Defence (OFB), Ichapur	Shri V.P.Munghate Shri Niladri Biswas (Alternate)
19.	Ministry of Defence (DGQA),West Bengal	Shri P.Chakraborty Shri M.K.Srivastav (Alternate)
20.	Mishra Dhatu Nigam Ltd, Hyderabad	Dr. Dinesh Kumar Likhi Shri S.Narahari Prasad (Alternate)

21.	Mukand Ltd, Mumbai	Shri Amitava Chatterjee Shri A.K.Sinha (Alternate)
22.	National Institute of Foundry of Forge Technology, Ranchi	Dr.N.K.Singh Dr.P.Talukdar (Alternate)
23.	National Metallurgical Laboratory, Jamshedpur	Dr. S.Ghosh Chowdhury Dr.B.Ravi Kumar (Alternate)
24.	National Physical Laboratory	Shri R.C.Anandani Dr.S.P.Narayana (Alternate)
25.	National Test House, Kolkata	. Dr.P.Kanjilal Dr.(Mrs)M.Mishra (Alternate)
26.	Nuclear Fuel Complex, DAE,Hyderabad	Shri H.R.Ravindra, SO/H Shri Y.Balaji Rao, SO/G
27.	Personnel Capacity, Noida	Shri Prakash Narain
28.	Rail Coach Factory, kapurthala	Shri B.L.Bairwa Shri Vijay Kishore (Alternate)
29.	Rail Wheel Factory, Banglore	Shri Alavi M. (Alternate)
30.	Research and Development Centre for Iron & Steel, Ranchi	Dr.S.K.Ray Dr.Santosh Kumar (Alternate)
31.	SAIL, Visvesvaraya Iron and Steel Plant, Bhadravati	Shri H.K.Vankatesh Kumar Shri M.K.Narayana (Alternate)
32.	Salem Steel Plant, Salem	Shri P.Govindarajan Shri K.K.Vishwakarma (Alternate)
33.	Sundaram Fasteners, Chennai	Mr.Atulkuar Agarwal Shri L.Venkat Raghavan (Alternate)
34.	Tata Motors, Pune	Shri S.S.Panse Shri B.R.Galgali (Alternate)

COMPOSITION OF Steel Tubes, Pipes and Fittings Sectional Committee, MTD 19

Scope: Standardization in the field of steel, tubes, pipes and fittings

CHAIRMAN: Shri Atul Saxena

Sl.No.	Organization	Represented by
1	RDCIS, Steel Authority of India Ltd, , Ranchi	Shri D. Karmakar
2	Bharat Heavy Electricals Ltd. , Tiruchirapalli	Shri R. Dharmar Shri D. Pillai (Alternate)
3	Delhi Jal Board , New Delhi	Shri Uttam Kumar Shri S.C. Vashisht (Alternate)
4	Engineers India Ltd. , New Delhi	Shri Ashwani Soni Shri Neeraj Rai, (Alternate)
5	Federation of Industries of India , Delhi	Shri I.P. Jain Shri H.L. Bhardwaj (Alternate)
6	GAIL (I) Limited , New Delhi	Shri Shyam Sunder
7	Good Luck Steel Tubes Ltd, , Ghaziabad	Shri M. C. Garg, Shri J.P. Singh (Alternate)
8	Gujarat Gas Company Limited , Surat	Shri Vipul Randeria Shri Abhirup Bhattacharya (Alternate)
9	Gujarat State Petronet Ltd. , Gandhinagar	Shri N. Bose Babu Shri Nilesh Tanna (Alternate)
10	Howrah Pipe Fittings Manufacturer's Welfare Association , Howrah	Shri Mahananda Dhara Shri U.N. Putatunda (Alternate)
11	Indraprastha Gas Ltd. , New Delhi	Shri Bhudev Singh
12	Indus Tubes Ltd , New Delhi	Shri I. P. Jain Shri D.K. Kapoor (Alternate)
13	Jindal Pipes Ltd. , Ghaziabad	Shri B. L. Chopra Shri D. Reghunathan (Alternate)
14	Kolkata Metropolitan Development authority , Kolkata	Shri R.M. Chatterjee Shri A.N. Basak (Alternate)
15	Mazagon Dock Limited , Mumbai	Shri O. P. Panwar Shri Biju George (Alternate)
16	Ministry of Commerce & Industries , New Delhi	Shri R. P. Singh
17	Ministry of Defence (DGQA) , New Delhi	Cdr. S.K. Bhardwaj Shri L.K. Sanka (Alternate)
18	Nidhi Pipes Ltd , Chandigarh	Shri R.K. Mahendru Shri Vijay Mittal (Alternate)
19	Personal Capacity , Kolkatta	Shri C.B. Lunawat
20	PSL Limited , New Delhi	Shri S.P. Bhatia Shri M. C. Kapur (Alternate)
21	RITES Ltd. , Bhilai	Shri Mukesh Sinha Shri H.S. Nayak (Alternate)
22	Secretary Central Boilers Board , Jalandhar	Shri T.S.G Narayanan Shri S.K. Jain (Alternate)

23	Society of Indian Automobile Manufacturers , New Delhi	Shri K.K. Gandhi Shri Pankaj Karn (Alternate)
24	Steel Authority of India Ltd , Rourkela	Shri K.K. Misra Shri C. Muthuswami (Alternate)
25	Surya Roshni Ltd. , Jhajjar	Shri N.K. Singla
26	Tata Steel Limited , Jamshedpur	Shri B.B. Prasad Dr. A.N. Bhagat, (Alternate)
27.	MECON, Ranchi	Awaited
28.	PRAX Air, Bangalore	-do-
29.	Mahanagar Gas Ltd, Mumbai	-do-
30.	DLF, New Delhi	-do-
31.	ONGC, Dehradun	-do-
32.	BOC LINDE, Kolkata	-do-

Composition of Non Destructive Testing Sectional Committee, MTD 21

Scope: Standardization in the field of Non-Destructive Testing

CHAIRMAN: Dr. T. Jayakumr

Sl.No.	Organization	Represented by
1.	Bhabha Atomic Research Centre, (BARC), Distt. Thane	Dr. Jose P. Panakkal Shri Dipankar Mukherjee (Alternate)
2.	Atomic Energy Regulation Board, Mumbai	Shri A.U. Sonawane Shri Amit Sen (Alternate)
3.	Bhabha Atomic Research Centre, Mumbai	Shri B.K. Shah Shri P.P. Nanekar (Alternate)
4.	Bharat Heavy Electricals Ltd, Tiruchirapalli	Shri R.J. Pardikar Shri M. Manimohan
5.	Bharat Heavy Plates & Vessels Ltd, Vishakhapatnam	Shri B.K. Sethupathi Shri M.V. Ravichandra (Alternate)
6.	Centre for Design and Manufacture, BARC, Mumbai	Shri S.P. Srivastava Shri S.P. Pandakar (Alternate)
7.	Department of Space (VSSC), Thiruvananthapuram	Shri Saratchandran S Shri Mohan Ananthnarayanan (Alternate)
8.	Department of Industrial Policy and Promotion, New Delhi	Shri T.S.G. Narayannan Shri S.K. Jain (Alternate)
9..	Electrical Research and Development Association (ERDA), Vadodara	Dr. G.S. Grewal Shri R.N. Patil (Alternate)
10.	Ferro Flux Ltd, Pune	Shri S.I. Sanklecha Shri Mandar Vinze (Alternate)
11.	Gujarat State Fertilizer Corporation Ltd, Vadodara	Shri A.S. Sikdar Shri K.R. Sheth (Alternate)
12.	Indian Institute of Technology, Chennai	Dr. Krishnan Balasubramanjan Dr. P. Kesavan Nair (Alternate)
13.	Indian Society for Non-Destructive Testing, Chennai	Shri V.K. Pari Shri P. Kalyan Sundram
14.	. Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. Baldev Raj
15.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. S. Venkatraman Dr. B.P.C. Rao(Alternate)
16.	Larsen & Toubro Ltd, Mumbai	Shri A.D. Paranjpe Shri P.B. Patil(Alternate)
17.	M.N. Dastur & Co (P) Ltd, Chennai	Shri P.V. Subramanian Shri H. Gupta(Alternate)
18.	Material Science and Technology Division, Jamshedpur	Dr. N. Parida Dr. S. Palit Sagar (Alternate)
19.	Ministry of Defence (DGQA), Ichapur	Shri K. Saha, PScO Shri M.K. Shrivastav (Alternate)
20.	National Physical Laboratory, New Delhi	Dr. Ashok Kumar Dr. Yudhister Kumar (Alternate)
21.	National Test House, Mumbai	Shri Nirman Singh Shri Sher Singh (Alternate)

22.	NTPC, Noida	Shri D.D.N. Verma(Alternate)
23.	Nuclear Fuel Complex, Hyderabad	Shri B. Prahlad Shri B. Kamlesh Kumar(Alternate)
24.	Nuclear Power Corporation of India Ltd, Mumbai	Shri J.K. Jain Shri N.P. Srivastava (Alternate)
25.	P-Met, High Tech, Vadodara	Shri Devendra M. Mehta Shri P.K. Panchal (Alternate)
26.	Pradeep Metal Treatment Chemicals Pvt Ltd, Thane	Shri D.J. Varde Shri Kalesh A. Nerukar(Alternate)
27.	Regional Centre for Military Airworthiness Materials, CEMILAC, Hyderabad	Shri Ch. V.S. Murthy Shri P. Rambabu (Alternate)
28.	Research Design and Standard Organization, Lucknow	Shri C. Sengupta Shri B.L. Jatav (Alternate)
29.	Satish Dhavan Space Centre,	Shri P.V. Sai Suryanarayana Dr. B. Munirathinam
30.	Tata Motors Ltd, Pune	Shri A.V. Karmakar Shri S.S. Panse (Alternate)
31.	Tata Steel Ltd, Jamshedpur	Shri S. Balamurugan Shri Jitendra Mathur (Alternate)
32.	Technofour, Pune	Shri P.V. Dhole Shri Amol A. Nisal (Alternate)
33.	ASTR, Mumbai	Awaited

Composition of Metallography and Heat-Treatment Sectional Committee MTD 22

Scope: Standardization in the field of metallography and heat-treatment of ferrous and nonferrous metals and alloys

CHAIRMAN: Shri Raman

Sl.No.	Organization	Represented by
1.	Bharat Forge Limited,Pune	Shri B.Radhakrishnan
2.	Bharat Heavy Electricals Ltd, Ranipur	Shri S.J.Ghosh Shri.V.Mittal (Alternate)
3.	Durgapur Steel Plant, Duragapur	Shri R.S. Tiwari
4.	Govt. of India, Ministry of Defence, Hyderabad	Dr. T.K. Nandy Dr. K. Siva Kumar (Alternate)
5.	HAL, Bangalore	Shri S. Sivaramkrishnan Shri D.K. De (Alternate)
6.	Hindalco Industries Ltd	Shri K.M. Shankar Nayak Shri Dipak Sarkar (Alternate)
7.	Indian Institute of Technology, Mumbai	Prof. R.C. Prasad Prof N. Prabhu (Alternate)
8.	Indian Institute of Technology, Kanpur	Dr. Anish Upadhyay Dr. Krishanu Biswas (Alternate)
9.	Institute of Indian Foundrymen, New Delhi	Shri K.S. Satyanarayana Shri A.K. Anand (Alternate)
10.	Ispat Industries Ltd, Raigarh	Shri P.K. Patra Shri A.A. Pandey (Alternate)
11.	Jawaharlal Nehru Aluminium Research Dev & Design Centre, Nagpur	Dr. J. Mukhopadhyay Shri R.N. Chouhan (Alternate)
12.	Kirloskar Oil Engines Ltd,	Shri R.L. Harollikar
13.	Ministry of Defence (DGQA), Ichapur	Shri S.K. Khilnaney Shri K. Saha PScO (Alternate)
14.	Mishra Dhatu Nigam Ltd, Hyderabad	Shri S.K. Chandra
15.	Mukand Ltd, Thane, Mumbai	Dr. A. Ganguly Shri Prashant Frank Crasta (Alternate)
16.	National Test House, Chennai	Shri S. Jayapal Dr. P. Kanjilal (Alternate)
17.	Research and Development Centre for Iron & Steel, Ranchi	Shri K.K. Singh Shri P.P. Sarkar (Alternate)
18.	Research Design & Standard Organization, Lucknow	Shri V.D. Meharkure Shri B.R. Verma (Alternate)
19.	Tata Motors Ltd, Pune	. Shri B.R. Galgali Shri U.B. Pathak (Alternate)
20.	Tata Steels Ltd, Jamshedpur	Shri Sandip Bhattacharyyay Shri Tanmay Bhattacharray(Alternate)
21.	National Metallurgical Lab	Awaited

Composition of Corrosion Protection and Finishes Sectional Committee, MTD 24

Scope: Standardization in the field of corrosion, passivation and protection of metals, metal products in different applications, characteristics of protective and decorative metallic coatings, anodic oxide coatings, applied by electrolysis, hot dipping, thermal spraying, chemical means their testing and inspection methods

CHAIRMAN: Dr. N. Palaniswamy

Sl.No.	Organization	Represented by
1.	Atotech, Gurgaon	Shri Aditya Kumar Joshi Shri Sanal Kumar (Alternate)
2.	Bhabha Atomic Research Centre, Mumbai	Dr. Vivekanad Kain
3.	Central Electrochemical Research Institute, Karaikudi	Prof. A.K. Shukla
4.	Confederation of Indian Industry, Gurgaon	Dr. Sarita Nagpal
5.	Engineers India Ltd, New Delhi	. Shri B. Chatterjee Shri R. Chaudhury(Alternate)
6.	GAIL India Ltd, Rajahmundry	Shri Narendra Kumar Shri Pankaj Patel(Alternate)
7.	Government of India, Ministry of Railways (RDSO), Lucknow	Shri C. Sengupta Shri R.K. Bagchandani(Alternate)
8.	Hero Honda, Gurgaon	Awaited
9.	India Lead Zinc Development Association, New Delhi	Shri L. Pugazhenthay Shri K. Sridhar (Alternate)
10.	Indian Oil Corporation Ltd, Faridabad	Shri S. Rajagopal Shri Keshav Kishore (Alternate)
11.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. U. Kamachi Mudali Dr. M.G. Pujar (Alternate)
12.	Kalpatru Power Transmission Ltd, Gandhinagar	Shri N.P. Mehta
13.	Lloyds Insulations (India) Ltd, New Delhi	Shri Mohit Khanna Shri K.K. Mitra (Alternate)
14.	Lloyds Tar Products Ltd, New Delhi	Shri R.K. Gupta Shri C. Ravindranath (Alternate)
15.	MECON Ltd, Ranchi	Shri J.S. Sahay Shri D.K. Ambastha (Alternate)
16.	BHEL, Hardwar	Shri S.J. Ghosh Shri S.C. Gupta (Alternate)
17.	Ministry of Defence (DGQA)	Shri A.K. Khanna Shri S. Roychowdhury (Alternate)
18.	NACE International India Section, Mumbai	Dr. Samir Degan Dr. Anil Bhardwaj (Alternate)
19.	National Test House, Kolkata	Dr. Sunil Kr. Saha Shri Sher Singh (Alternate)
20.	Oil and Natural Gas Commission, Dehradun	Shri V.K. Jain
21.	Oil and Natural Gas Commission, Maharashtra	Shri P.F. Anto
22.	Project Engineering (Civil) (NTPC), Noida	Shri Chander Shekhar Shri Sudhakar Panjala (Alternate)
23.	Reliance Industries Ltd, Navi Mumbai	Awaited

24.	Research & Development Centre for Iron and Steel	Dr. K. Ravi Shri S. Srikant (Alternate)
25.	Rustech Products Pvt Ltd, Kolkata	Shri B. Duari Shri J. chakraborty (Alternate)
26.	SRMB Srijan Ltd	Shri Shyamal Roy Shri Santanu Dutta (Alternate)
27.	Tata Motors, Pune	Shri R.B. Lahoti Shri A. Majumdar (Alternate)
28.	The Tata Iron & Steel Co Ltd	Dr. N. Bandhopadhyay Shri Manojit Dutta (Alternate)
29.	Titan Industries Ltd	Shri P. Ashok Anur Shri C.V.S. Prasad (Alternate)
30.	Zenith Birla (India) Ltd	Shri N.K. Chaudhari Shri U.R. Kalla (Alternate)

**Composition of Powder Metallurgical Materials and Products Sectional Committee ,
MTD 25**

Scope: Standardization in the field of powder metallurgical materials and products

CHAIRMAN: Dr. Anish Upadhyaya

Sl.No.	Organization	Represented by
1	Bhabha Atomic Research Centre, Mumbai	Shri B.P. Sharma
2.	Bharat Heavy Electricals Ltd, Hyderabad	Shri K. Vidyasagar Shri B.K. Pant (Alternate)
3.	Ceratizit India Pvt Ltd, Kolkata	Dr. A.S. Choudhary Dr. S. Mukherjee (Alternate)
4.	Defence Metallurgical Research Laboratory, DMRL, Hyderabad	Dr. G. Appa Rao Shri M. Sankara Narayana (Alternate)
5.	Electronica Tough Carb Ltd, Nasik	Shri A.N. Chakar Shri B.V. Pathak (Alternate)
6.	GKN Sinter Metals Ltd, Pune	Shri N.L. Chandrachud Smt. Anita Sethi (Alternate)
7.	Hoganas India Ltd, Ahmednagar	Dr. S. Ashok Shri Uday Bendre (Alternate)
8.	IIT, Kharagpur	Prof. N.N. Acharya Prof M.M. Godkhindi (Alternate)
9.	Indian Institute of Technology, Roorkee	. Dr. Surendra Singh Dr. G.P. Chaudhary (Alternate)
10.	Indian Institute of Technology, Mumbai	Prof. Parag Bhargava Prof. A. Mukhopadhyay (Alternate)
11.	ISRO (Vikram Sarabhai Space Centre), Trivendrum	Shri Ganadhar De
12.	Kennameal India Ltd, Bangalore	Shri R. Rengarajan Shri Raja Tagore(Alternate)
13.	Kirloskar Oil Engines Ltd,Pune	Shri Ram Deshpande Shri Nitin V. Jorwekar (Alternate)
14.	M/s Ashok Leyland, Maharashtra	Awaited
15.	Ministry of Defence, Tiruchirapalli	Shri R.S. Kambali
16.	Ministry of Defence (DGQA), West Bengal	Shri A.K. Khanna SSO-1 Shri K. Yadav, PSCo(Alternate)
17.	Mishra Dhatu Nigam Ltd, Hyderabad	Shri P. Sarkar Shri S. Mahadeva Ram (Alternate)
18.	Natesan Synchrocones (P) Ltd, Chennai	Ms. Shuba Balasubramanian
19.	National Metallurgical Lab, Jamshedpur	. Dr. L.C. Pathak Dr. V.C. Srivastva (Alternate)
20.	National Test House, Kolkata/Chennai	Shri G.N. Sudhakar Dr. K.P. Kanjilal (Alternate)
21.	Non-Ferrous Materials Technology Centre, Hyderabad	Dr. R. Sundaresan
22.	Nuclear Fuel Complex, Hyderabad	Shri D. Pramanik Shri K.S. Subramanian (Alternate)
23.	Powder Metallurgical Association of India, Hyderabad	The President

24.	Society of Indian Automobile Manufacturers (SIAM), New Delhi	Shri K.K. Gandhi Shri Pankau Karn (Alternate)
25.	Star Sinter Products Ltd, Noida	The Chairman
26.	Sundram Fasteners Ltd, Tamilnadu	Shri Sundar Sriram Shri S.K. Gopy (Alternate)
27.	Tata Motors Ltd, Pune	Asstt. General Manager (Mat
28.	The Metal Powder Co Ltd, Madurai	Shri P. Sundarapandian

COMPOSITION OF Industrial Fuel fired Furnaces Sectional Committee, MTD 26

Scope: Standardization in the field of industrial fuel fired furnaces

CHAIRMAN: Shri S. Chattopadhyay

Sl.No.	Organization	Represented by
2	Bharat Forge Ltd, , Pune	Shri Raju Kalyani Shri Zuber Shaikh (Alternate)
3	Bhilai Steel Plant, , Bhilai	Shri Bipin Kuamr Shri S.V. Padegaonkar (Alternate)
4	Centre for Engineering & Technology (CET) , Ranchi	Shri S.C. Jain Shri Ajay Kumar (Alternate)
5	CSIR- Central Glass & Ceramic Research Institute , Kolkata	Dr. Tapas Kumar Mukhopadhyay Mr. Sitendu Mondal (Alternate)
6	Eastern Equipment & Engineers , Kolkata	Shri R.K. Aggarwal Shri Vikas Aggarwal (Alternate)
7	Fire Gas Kin Thermal Pvt. Ltd , Kolkata	Shri P. Dasgupta Shri N. Pal (Alternate)
8	Gillanders Arbuthnot & Co. Ltd, , Kolkata	Shri Alok Basu Shri Himanshu Banerjee (Alternate)
9	Indian Institute of Technology , Kharagpur	Dr. S.K. Dash
10	Indian Seamless Metal Tubes (ISMT) Ltd , Pune	Shri Dhananjay A. Waghlikar Shri Balram Agrawal (Alternate)
11	M.N. Dastur & Co. Ltd. , Kolkata	Shri P.K. Dey Shri Sankar Dutta (Alternate)
12	MECON Limited , Ranchi	Shri Subhojyoti Chattopdhyay Shri A.K. Sinha (Alternate)
13	National Institute of Secondary Steel Technology, , Mandi, Govindgarh Punjab	Shri R.K. Bagchi
14	Ordnance Factory Board , Ichapore	Shri C.K. Mondal (Alternate)
15	Petroleum Conservation Research Association (PCRA) , New Delhi	Shri A.K. Goel

Sl.No.	Organization	Represented by
16	Rail Wheel factory ,	Shri Devasahayam Shri Govind Pandey (Alternate)
17	Research & Development Centre for Iron & Steel (RDCIS) , Ranchi	Shri A.P. Singh Shri Prabhash Kumar (Alternate)
18	SAIL, Bokaro Steel Plant , Bokaro	Shri S. Mazumder Manager (Alternate)
19	SAIL, Durgapur Steel Plant , Durgapur	Shri Kesri Manager, (Alternate)
20	SAIL, Rourkela Steel Plant, , Rourkela	Shri C.P. Sharma
21	Tata Motors , Jamshedpur	Manager (Alternate)
22	TATA Refractories Ltd; , Orissa	Shri P.K. Patel Shri S. Thyagaraj (Alternate)
23	Tata Steel Ltd , Jamshedpur	
24	The Wesman Engg Company Ltd , Kolkata	Shri Prasant Saha
25	Vishakhapatnam Steel Plant , Vishakhapatnam	Awaited

COMPOSITION of Sponge Iron and Smelting Reduction Sectional Committee, MTD 30**Scope - Standards in the field of sponge iron/direct iron (DRI) and feedstock for smelting reduction****CHAIRMAN: Shri L.N. Mathur**

Sl.No.	Organization	Represented by
1.	Agni Steels Pvt. Ltd., Perundurai	Shri A R a j a s e k a r a n
2.	Bhusan Steel & Strips Ltd, Dhenkanal, Orissa	Shri R. D. Singh
3.	Central Fuel Research Institute ,Distt Dhanbad	Dr. S.K. Hazra
4.	Essar Steels, Hazira, Surat	Shri Aslam Khan Shri J. Makvana (Alternate)
5.	Jindal Steel & Power Ltd., Raigarh	Shri Vivek Agrawal
6.	Jai Balaji Group, Kolkata	Shri D . S a h o o
7.	JSW Steel Ltd, Karnataka	Shri V . R . S e k h a r Shri Prachethan Kumar (Alternate)
8.	M.N. Dastur & Company Ltd., Kolkata	Shri Adhip Sengupta, Ms. Aditi Tarafdar (Alternate)
9.	Mecon Ltd., Ranchi	Shri A.K. Agarwal, Shri S.K.Bage (Alternate)
10.	. Ministry of Steel, New Delhi	Shri B . D . Ghosh
11.	Monnet Ispat Ltd., New Delhi	Shri Sandeep Jojodia, Shri Amitabh Sharma (Alternate)
12.	National Metallurgical laboratory, Jamshedpur	Dr. Swatantra Prakash, Dr. J. Pal (Alternate)
13.	National Mineral Development Corporation, Hyderabad	Shri S. Venkatesan Shri Vibhuti Roshan (Alternate)
14.	. SAIL, RDCIS, Ranchi	Dr . B . B . Agrawal, Shri R. Jaffarullah (Alternate)
15.	Sponge Iron Manufacturer's Association, New Delhi	Shri D. Kashiva
16.	Tata Sponge Iron Ltd., Dist. Keonjhar	Shri M.K.Sheshadri
17.	Usha Martin, Jamshedpur	Shri Anjan Dey, Shri Ranjit Choudhary (Alternate)
18.	Welspun Maxsteel Ltd., Distt. Raigad	Dr. S.K.S. Yadav
19.	All India Induction Furnace Association, New Delhi	Shri S. S. Beriwala, Shri Ashok Surana(Alternate I), Shri Manish Dhuppad (Alternate II)
20.	National Institute of Secondary Steel Technology, Mandigobindgarh /Kolkata	Dr. R. K. Bagchi, Debashish Chatterjee (Alternate)
21.	National Institute of Technology, Rourkela	Awaited
22.	Institute of Mineral & Material Technology , Bhubneshwar	Awaited
23.	Banaras Hindu University	Awaited

Composition of Metal Containers Sectional Committee, MTD 32

Scope: Standardization in the field metal container

CHAIRMAN: Shri N.C. Saha

Sl.No.	Organization	Represented by
1.	Kaira Can Company Ltd, Mumbai	Shri D.N. Prabhu Shri K.M. Shenoy (Alternate)
2.	Ordnance Factory, Bhusawal	Shri S.N. Patil Shri A.K. Sinha (Alternate)
3.	Balmer Lawrie & Co Ltd, Sewree, Mumbai	Shri B. Chakraborti Shri R.S. Patel (Alternate)
4.	Balmer Lawrie-Van Leer Ltd, Mumbai	Shri Sharath Kumar Shri Sunil C. Gupta (Alternate)
5.	Central Food Technological Research Institute, (CFTRI), Mysore	Awaited
6.	Govt. of India, Ministry of Agriculture, New Delhi	Shri R.K. Tewari Dr. S.C. Khurana (Alternate)
7.	HINDALCO Industries Ltd, Mumbai	Shri Shubankar Gupta Shri Shankar Nayak K.M (Alternate)
8.	Hindustan Petroleum Corpn Ltd, Mumbai	Shri S. S. Raman
9.	Hindustan Tin Works Ltd, New Delhi	Shri Parass Bhatia Shri Rajiv Tyagi (Alternate)
10.	Indian Institute of Packaging (IIP), New Delhi	Shri Madhab Chakraborty Mrs. Manjir Chakraborty (Alternate)
11.	Indian Oil Corpn Ltd, Mumbai	Shri S. S. Sankarasubromoni Shri T.K. Mukherjee (Alternate)
12.	M/s Shetron Ltd, Mumbai	Shri Diwakar Shetty Shri Karthik Nayak (Alternate)
13.	Ministry of Agriculture, Faridabad	Shri R.K. Sharma (Alternate)
14.	Ministry of Consumer Affairs, Food & Public Distribution, New Delhi	Shri R. Mathurbootham
15.	Ministry of Defence (DGQA)	17Smt. Manju Dixit Sri Satya Narain (Alternate)
16.	Nestle House, Gurgaon	Shri Olivier Wulthrich Shri Jatinder Singh (Alternate)
17.	Research & Design Standardization Organization (RDSO), Lucknow	Awaited
18.	. Rourkela Steel Plant (SAIL), Rourkela	Shri O.N. Tandon Shri G.P. Verma (Alternate)
19.	The Tata Iron & Steel Co Ltd, Jamshedpur	Divisional Manager
20.	The Tinsplate Co of India Ltd, Jamshedpur	Shri Ashok Kumar Ghosh Shri Joydeep Chatterjee (Alternate)

Composition of Nanotechnologies Sectional Committee, MTD 33

Scope: Standardization in the field of nanotechnologies

CHAIRMAN: Prof. R.C. Budhani

Sl.No.	Organization	Represented by
1.	National Physical Laboratory, New Delhi	Dr. V.N. Ojha, (Dr. H.C.Kandpal)
2.	Bhabha Atomic Research Centre, Mumbai	Dr. D. Srivastava
3.	Defence Metallurgical Research Lab., Hyderabad	Dr. P. Ghosal (Dr.P.Saravanan)
4.	Deptt. Of Biotechnology, New Delhi	Dr.R.R.Sinha (Dr. D.K. Tiwari)
5.	Department of Information Technology, New Delhi	Dr. G.V. Ramaraju, (Shri Ramesh Chand)
6.	Electronics Regional Test Laboratory (N), New Delhi	Shri M.P.Sharma, (Shri Pradip Gunjyal)
7.	Indian Institute of Science, Bangalore	Prof. Navkant Bhatt, (Prof. N. Ravi Shankar)
8.	Indian Institute of Technology, Roorkee	Prof. Anil Kumar
9.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. Sitaram Dash
10.	Indian Council for Medical Research, New Delhi	Dr. Geeta Jotwani, (Dr. Vijay Kumar)
11.	Indian Institute of Technology, Delhi	Dr. B.R. Mehta
12.	Indian Institute of Technology, Kanpur	Prof. Anjan Kr. Gupta, (Dr.S.N.Tripathi)
13.	Indian Institute of Technology- Madras, Chennai	Dr. Inakshi Bhattacharya, (Prof. Nandita Dasgupta)
14.	Indian Institute of Technology, Mumbai	Prof. Soumyo Mukherji, (Prof. Dharendra Bahadur), (Dr. S. Major)
15.	Indian Institute of Toxicology Research Lucknow	Dr. Rishi Shankar
16.	International Advance Research Centre for Powder Metallurgy & New Materials. Hyderabad	Dr. Tata Narasinga Rao, (Dr. P.K.Jain)
17.	Materials Division, NPL, New Delhi	Dr. R.B.Mathur, (Dr.D.Haranath), (Dr. Vijay Kumar Toutam)
18.	Materials Characterization Division, NPL, New Delhi	Dr. A.K.Srivastava, (Dr.Renu Pasricha)
19.	Ministry of Science and Technology, New Delhi	Dr. Praveer Asthana
20.	Nuclear Fuel Complex, Hyderabad	Dr. Komal Kapoor
21.	Solid State Physics Laboratory, New Delhi	Shri J.S. Rawat

22.	National Chemical Laboratory, Pune	Dr. B.L.V. Prasad, (Dr. Pankaj Poddar)
24.	Resil Chemicals Pvt. Ltd. Bangalore	Shri Ganesh Srinivasan
25.	Tata Chemicals Ltd. - Innovation Centre, Pune	Dr. Anand Gole
26.	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore	Dr.G.U.Kulkarni, (Dr.K.S.Narayan)
27.	Hindustan Electrographite Ltd., Bhopal	Shri Rakesh Shrivastava
28.	The Energy and Resources Institute (TERI), New Delhi	Dr. Shilpanjali Sarma (Dr. Manini Balakrishnan)
29.	National Centre for Basic Science, Kolkata	Awaited
30.	Saha Institute of Nuclear Physics, Kolkata	Shri Alokmay Datta Prof. Satyaban Bhunia (Alternate)

Composition of Method of Chemical Analysis of Metals, MTD 34

CHAIRMAN: Shri P. Mukhopadhyay

Sl.No.	Organization	Represented by
2.	National Test House, Ghaziabad	Dr (Mrs) M. Mishra Dr. S.K. Kulshrestha
3.	Bhabha Atomic Research Centre, Mumbai	MS. Sanjukta A. Kumar Shri M.V. Rane (alternate)
4.	Defence Metallurgical Research Lab, Hyderabad	Dr. L. Durai Shri S.S. Kalyan Kamal (alternate)
5.	SAIL, R&D Centre for Iron and steel, Ranchi	Dr. K. Ravi Dr. P. Saravanan (alternate)
6.	National Metallurgical Lab, Jamshedpur	Dr. (Mrs) Sanchita Chaakravary Dr. Ashok K. Mohanty (alternate)
7.	Ministry of Defence (DGQA), Ghaziabad	Shri V.K. Sohal SQAE (A)
8.	RDSO. Lucknow	Shri B.L. Jatav Smt. Sunita Jaiswara (alternate)
9.	Shriram Institute for Industrial Research, Delhi	Dr. P.K. Kaicher Shri B. Govindan (alternate)
10.	Esar Steel, Gujarat	Dr. D. Gowri Annapurna Shri A. Mallikargun Rao (Alternate)
11.	Tata Steel Ltd, Jamshedpur	Dr. K.N. Udpa Shri Shrenivas Ashrit (alternate)
12.	MSME Testing Centre, New Delhi	Shri B.S. Srivastava Shri R.K. Panigrahi (alternate)
13.	Geological Survey of India, Hyderabad	Dr. R. Krishnamoorthy Dr. Mahabir Singh (alternate)
14.	Jawaharlal Nehru Aluminium Research Development and Design Centre, Nagpur	Dr. Suresh Puttेशwar Dr. Upendra Singh (Alternate)