

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.

CHAIRMAN: Shri Raman

Sl. No.	Name of the organisation	Represented by
1.	Aluminium Association of India, 118, Ramanashree Arcade, MG Road, Craig Park Layout, HSR Layout, Bengaluru, Karnataka 560001	Dr Pradyumna Kumar Pradhan Shri Binay Krushna Mahapatra (Alternate)
2.	Bhabha Atomic Research Centre, Trombay, Mumbai, Maharashtra 400094	Dr Alok Awasthi
3.	Bharat Heavy Electricals Ltd, Heep, Ranipur Hardwar 249 403	Dr. N.S Rawat Shri Tushar Dave (Alternate)
4.	Central Glass and Ceramic Research Institute, 196, Raja S.C. Mullick Road, Jadvapur, Kolkata 700 032	Dr. Himanshu sekhar Tripathi Dr Somnath Sinha Mahapatra (Alternate)
5.	DGS&D, 2nd Floor, Jeevan Tara Building, Parliament Street, New Delhi 110 001	Shri S.K rastogi
6.	Engineers India Ltd, EI Bhavan, 1, Bhikaiji Cama Place New Delhi	Shri S. Ghosal Shri R.G. Gurlhosur (Alternate)
7.	Geological Survey of India, 27, J.L. Nehru Road, (West Bengal) Kolkata 700 016	Dr. Sarita singh Shri. Sushil bhan(Alternate)
8.	Hindustan Copper Ltd, Khetri Copper Complex, Khetrinagar	Shri S.S. Sethi
9.	Indian Association of Hallmarking Centre, Ahmedabad	Shri Harshad Ajmera Shri Ashwin Jain (Alternate) Shri Basantraj Mehta (Alternate)
10.	Indian Bureau of Mines, 2nd Floor, Indira Bhavan, Civil lines, Nagpur, Maharashtra 440001	Dr. B. P. Ravi Shri.V.A Sontakke
11.	Indian Institute of Packaging, Plot E-2, Road No. 8, MIDC Area, Andheri East, Mumbai, Maharashtra 400093	Shri N. C. Saha Shri S. K. Sarkar (Alternate)
12.	Indian Shipbuilders Association, Shipyard House A-1/314, Safdarjung Enclave New Delhi, 110 029	Commender Manish Kumar
13.	Institute for Steel Development & Growth (INSDAG),Ispat Niketan	Dr. Jayanta Kumar Saha

	52/1A, Ballygunge Circular Road, Kolkata - 700 019	
14.	Jindal Stainless Ltd, Delhi Road, Hissar	Shri Sandeep Maheshwari Smt Jalaja Menon (Alternate)
15.	Mazagon Dock Ltd, Dockyard Road, Near Dockyard Railway Station, Wadi Bandar, Mumbai	Shri N. J. Gosavi Shri Vivek Uttam Jagtap (Alternate)
16.	MECON Ltd,Ranchi	Shri Tushar Banerjee
17.	Directorate of Standardization, Ministry of Defence, New Delhi	Shri S.K. Saxena, NSO Shri Vijay Shankar (Alternate)
18.	Ministry of Defence (DGQA), Ichapur, West Bengal	Shri V K Sohal Shri Ashok Kumar (Alternate)
19.	Ministry of Defence (DMRL), LB Nagar, Kanchan Bagh, Hyderabad	Dr. K Gopinath Dr Archana Paradkar (Alternate)
20.	Ministry of Railways (RDSO), Manak Nagar, Lucknow	Shri C. Sengupta Shri V. D. Meharkure (Alternate)
21.	Ministry of Steel, Udyog Bhavan, New Delhi	Dr. A.C.R Das Shri S.K.Bhatnagar (Alternate)
22.	Modi Arc Electrodes Company, DIST. GHAZIABAD, Modinagar - 201204	Shri Prodyot Mukherjee Shri U. K. Sharma (Alternate)
23.	MSME Development Institute, Shaheed Captain Gaur Marg, Okhla, New Delhi 110020	Shri Brajendra Kumar Shri Mahesh Kumar Sharma (Alternate)
24.	Office of the Development Commissioner (MSME)	Shri V M Jha Dr Amarnath (Alternate)
25.	National Aluminium Co Ltd, Nalco Bhavan, Bhubaneshwar	Shri A.K. Mishra Shri S. Nanda (Alternate)
26.	National Institute of Foundry & Forge Tech, Hatia, Ranchi	Dr. B. Kumar
27.	National Institute of Secondary Steel Technology, NISST, PB92, GT. Road, Near RIMT Mandi Gobindgarh, Grand Trunk Rd, Punjab 147301	Shri R.K. Bagchi
28.	National Metallurgical Lab, Jamshedpur	Dr. D. Bandyopadhyay Dr J Pal (Alternate)
29.	National Physical Laboratory, Dr. K.S. Krishnan Marg, New Delhi 110012	Dr. Vipin Jain Dr Avanish Kumar Srivastava (Alternate)
30.	National Test House (NR), CP, Sector - V Salt Lake City Kolkata . 700091	Dr. P.K. Kanjilal Shri R K Saini(Alternate)
31.	Nuclear Power Corporation of India Ltd, 2nd Floor, MIDC, Marol, Andheri East, Mumbai 400 093	Shri S.A. Bhardwaj
32.	Ordnance Factory Board, Ministry of Defence 10-A, SK Bose Road, KOLKATA- 700 001	Shri Ashutosh Kumar Shri S.C. Mathur (Alternate)

33.	Rashtriya Ispat Nigam Ltd, Visakhapatnam Steel Plant, Visakhapatnam 530 031	Shri K V Vidyasagar Shri G Rajaraman (Alternate)
34.	Research & Development Centre of Iron & Steel, Ranch SAIL, Ranchi 834002	Shri.Atul Saxena Dr A K Bhakat (Alternate)
35.	Tata Steel Ltd,Jamshedpur	Dr. Sandip Bhattacharya Shri Vinay V Mahashabde (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.	Name of the organisation	Represented by
1.	Ministry of Defence (DMRL), Hyderabad	Dr. K. Gopinath Dr Kartik Prasad (Alternate)
2.	Bharat Heavy Electricals Ltd, Haridwar	Shri Gopal Singh
3.	BHEL R & D centre	Nomination awaited
4.	BISS, Bangalore	Shri R. Sunder Shri H. Ramakrishna (Alternate)
5.	Blue Star Ltd, Chennai/New Delhi	Shri K. Venkatesan Shri Sanjeev Sehgal (Alternate)
6.	Central Boilers Board, New Delhi	Shri T.S.G. Narayannen Shri S.K. Jain (Alternate)
7.	Essar Steel Ltd, Hazira	Shri R.K.Balasubramaniam Shri S.R. Bhatt (Alternate)
8.	Fuel Instrument & Engineer Pvt Ltd, Ichalkarnji	Dr. J.C. Padte Shri Raju V. Tambad (Alternate)
9.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. B K Choudhary Dr. M.D. Mathew (Alternate)
10.	Indian Register of Shipping, Mumbai/New Delhi	Senior Principal Surveyor Principal Surveyor-I/c (Alternate)
11.	Instron India Ltd, New Delhi/Chennai	Shri P. Ravi Shri B.N. Vijay Kumar (Alternate)
12.	In Personal Capacity, Chennai	Shri N. Ramachandran
13.	JSW Steel Ltd., Bellary	Dr. S. Manjini Shri R. Madhusudan (Alternate) Shri M. Subhasis Chakraborty (Alternate)

14.	M.N. Dastur & Co Ltd, Kolkata	Shri Biswajit Chakravarty Shri S. Bhattacharya (Alternate)
15.	Ministry of Defence (CQA), Ichapur	Shri M.K. Srivastava Shri D Khapekar (Alternate)
16.	Ministry of Defence (OFB), Kolkata	Nomination Awaited
17.	Ministry of Railways, RDSO,Lucknow	Dy. Director (Met-II) ARO (Met-III) (Alternate)
18.	Mishra Dhatu Nigam limited, Hyderabad	Nomination Awaited
19.	National Aerospace Lab, Bangalore	Nomination Awaited
20.	National Metallurgical Laboratory, Jamshedpur	Dr. J.Swaminathan Dr S Sivaprasad (Alternate)
21.	National Test House, Ghaziabad/Kolkata	Shri R Saini Shri A. Verma (Alternate)
22.	National Physical Laboratory, New Delhi	Dr. S.K. Jain
23.	Rashtriya Ispat Nigam Ltd. (VSP) Visakhapatnam	Shri P.K. Sen
24.	Regl.Centre for Military Airworthiness (Materials), Hyderabad	Shri B. Saha Shri P. Rambabu (Alternate)
25.	Research & Development Centre for Iron and Steel, (SAIL),Ranchi	Dr. S.K. Dhua Dr P P Sarkar (Alternate)
26.	SAIL, Bhilai Steel Plant, Bhilai	Shri P.K.Datta Shri Alok Goyal (Alternate)
27.	SAIL, Bokaro Steel Plant, Bokaro	Ms Biswasi Sunita Minz Shri Saurav Kumar Ghosh (Alternate)
28.	SAIL,Rourkela Steel Plant, Rourkela	Shri C.Muthuswamy Shri S.K.Chaudhury (Alternate)
29.	SAIL, Salem Steel Plant,Salem	Shri D.Sarvanan Shri N.K.Vijayavargia (Alternate)
30.	Shriram Institute for Industrial Research,New Delhi	Dr. P.K. Kaicker Shri B. Govindan Nair (Alternate)

31.	Structural Engineering Research centre, Chennai	Nomination awaited
32.	Tata Motors Ltd, Pune/Jamshedpur	Shri P.M. Kulkarni Shri A.K.Ghosh (Alternate)
33.	Tata Steel Ltd, Jamshedpur	Dr. Sandip Bhattacharyya Ms. 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: Shri P.K.Sen

Sl. No.	Name of the organisation	Represented by
1.	Tata Steel Ltd, Jamshedpur	Dr. Sandeep Bhattacharya Shri Aniket Ram Bodewar (Alternate)
2.	Tata BlueScope Steel Ltd, Pune	Shri Rajesh Maheshwari
3.	All India Induction Furnace Association, New Delhi	Shri Kamal Agrawal Shri Ashok Garg (Alternate)
4.	Bharat Heavy Electrical Ltd, Bhopal	Shri S K Mahajan Shri Vishal Srivastava (Alternate) Shri T.S Gopal Krishnan (Alternate) Shri V. Rajasekharan (Alternate)
5.	Central Boilers Board, New Delhi	Shri T.S.G Narayannan Shri S.K.Jain (Alternate)
6.	DGS&D , Bhilai Nagar/ Delhi	Shri A.K.Jain, Shri A.K.M.Kashyap (Alternate)
7.	Institute of Steel Development and Growth, Kolkata	Dr. Jayanta K Saha
8.	JSW Steel Ltd. , Vasind / Bellary	Shri Anil Patil Dr. S. Manjini (Alternate)
9.	Ministry of Defence (DGOFB), Kolkata	Shri P.S Bandhopadhyay Shri R.D.Barma (Alternate)
10.	Ministry of Defence (DGQA), Ichapur	Dr N K Murthy Shri D.C Kar (Alternate)
11.	Ministry of Railways (RDSO), Lucknow	Shri B.L Jatav Shri Baji Nath (Alternate) Shri Dallu Ram (Alternate)
12.	Ministry of Steel (Govt of India), New Delhi	Shri Parmjeet Singh Shri S.K Bhatnagar (Alternate)
13.	Power Grid Corporation ,Gurgaon	Shri K.K Tyagi Shri Deepak Kr Sahoo (Alternate)

14.	Rashtriya Ispat Nigam Ltd (VSP) vishakapatnam	Shri Sanjoy Roy
15.	SAIL,Bhilai Steel Plant,Bhilai	Shri Sandip Choudhury Shri K.L Balasubramanian (Alternate)
16.	SAIL,Bokaro Steel Plant,Bokaro	Shri Basudev Mishra Ms Biswasi Sunita Minz (Alternate)
17.	SAIL,Central Marketing Organisation New Delhi/Mumbai	Shri Amitava Kundu
18.	SAIL,Research & Development Center For Iron & Steel , Ranchi	Shri Atul Saxena Shri B Sarkar (Alternate)
19.	SAIL,Rourkela Steel Plant, Rourkela	Shri A Dasgupta Shri C. Samal (Alternate)
20.	Tata Motors Limited ,pune	Shri KVL Narsimha Rao Shri U.B Pathak (Alternate) Shri P M Kulkarni (Alternate)
21.	Society of Indian Automobile Manufacturers(SIAM) new delhi	Shri Sushil Kumar Shri kartike Karwal (Alternate)
22.	The Tin Plate Company of India Ltd, Jameshedpur	Shri S.J Dey Shri Abesh Chatterjee (Alternate)
23.	Jindal Steel & power Ltd (JSPL)	Shri Moreshwar Borkar, GM Shri Ashwani Kumar, AVP (Alternate)
24.	Indian Machine Tools Association	Shri Viyayant Singh Shri Srinjoy Das (Alternate)
25.	Confederation of Indian Steel Producers Association	Nomination Awaited
26.	SAIL, Durgapur	Shri Amarnath Banerjee
27.	Essar Steel, Hazira	Shri Deepak Gupta Shri Bobby Pujara (Alternate)
28.	JSW Steel LTD, Dolvi	Shri P.K.Patra Shri D Mishra (Alternate)
29.	In individual capacity	Shri A.C.R.Das
30.	Ministry of Shipping	Shri U S Kalghatgi
31.	Tata Steel Ltd,Jamshedpur	Dr.S.Bhattacharya Dr Saurabha Kundu (Alternate) Shri Aniket Ram Bodewar (Alternate)
32.	Tata BlueScope Steel Ltd, Pune	Shri Rajesh Maheshwari
33.	All India Induction Furnace Association, New Delhi	Shri Kamal Agrawal (Alternate)

		Shri Ashok Garg (Alternate)
34.	Bharat Heavy Electrical Ltd, Bhopal	Shri S K Mahajan Shri Vishal Srivastava Shri T.S Gopal Krishnan (Alternate) Shri V. Rajasekharan (Alternate)
35.	Central Boilers Board, New Delhi	Shri T.S.G Narayannen Shri S.K.Jain (Alternate)

Composition of Ferro Alloys Sectional Committee, MTD 5

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

CHAIRMAN: Shri Arumugam Kannan

Sl. No.	Name of the organisation	Represented by
1.	Steel Authority of India Ltd,Durgapur	Dr. Ashim Kr. Ray Shri Arumugam Kannan (Alternate)
2.	Bhabha Atomic Research Centre, Mumbai	Shri I. G. Sharma Dr. S. P. Chakraborty (Alternate)
3.	Bharat Heavy Electricals Ltd,Trichy	Shri M. Somu Shri C. Gragori (Alternate)
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. Kela (Alternate)
6.	Indian Metals & Ferro Alloys Ltd,	Dr. R.N. Murthy Shri Dinesh Kumar Mohanty (Alternate)
7.	Jindal Stainless Ltd,	Shri 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 Electros melt 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 Pravin Sambappa Warad (Alternate)
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 Producer Association 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: Shri A K Hazra

Sl. No.	Name of the organisation	Represented by
1.	Indian ordnance factory, Ministry of defence, Jabalpur	Shri.A.K. Hazra
2.	National metallurgical laboratory Jameshpur	Dr. Satadal Ghorai
3.	Dte General of Supplies & Disposals, Delhi	Shri R.P. Singh
4.	Electrosteel Castings Ltd, Kolkata	Shri Atindra Narayan Dey Shri S.K. Bhalla (Alternate)
5.	DIPP, Ministry of Commerce & Industries New Delhi	Shri. K.K Sinha Shri M.Z Khan (Alternate)
6.	Electrothermochem (India) Ltd, Ahmedabad	Shri Tejes Patel Shri Kalpesh Madhu (Alternate)
7.	Grey Iron Foundry, Jabalpur	Shri A.K. Lala Shri Ram Achal (Alternate)
8.	Jai Balaji Industries Ltd, Kolkata	Shri Bivash Chakraborty (Alternate)
9.	Jayeswals Neco Ltd, Nagpur	Shri Praveen Bhalme Shri K.K. Singh (Alternate)
10.	Jindal Saw Ltd, New Delhi	Shri Maneesh Kumar Shri Ulhas Naik (Alternate)
11.	Kejriwal Castings Ltd, Kolkata	Shri Sandip Kejriwal Shri Rajeev Kejriwal (Alternate)
12.	Kiswok Industry Pvt Ltd	Shri Raj Kejriwal Shri Sanjay Bir (Alternate)
13.	Kolkata Metropolitan & Development Authority, Kolkata	Shri R.M. Chatterjee Shri A.N. Basak (Alternate)
14.	Shrikalahasthi Pipes Ltd	Shri G. Natarajan Shri K.S. Dev (Alternate)
15.	Lokesh Industries Ltd,	Shri B. Lokesh Pruddu Shri R.L. Dubey (Alternate)
16.	M&C Central Laboratory, Ajmer	Shri Radhey Shyam
17.	Military Engineer Services, New Delhi	Dr. Ram Verma
18.	Ministry of Steel, New Delhi	Dr. S S Tak Shri S K bhatnagar (Alternate)
19.	Ministry of commerce and industries	Shri. K.K Sinha Shri M.Z Khan (Alternate)

20.	Ordnance Factory Board, Maharashtra	Shri P.C. Gupta
21.	Orient Trading Company, Kolkata	Shri Arabinda Chatterjee
22.	PWD, WS & SD , Panchkula	Chief Engineer
23.	R&D Centre for Iron and Steel, Ranchi	Shri Aritra Mallick Shri B.K. Das (Alternate)
24.	Rashmi Metaliks Ltd, Kolkata	Shri Arashdeep Singh Chawla Shri P.N. Deodhe (Alternate)
25.	RDSO, Ministry of Railways, Lucknow	Shri C. Sengupta Dr. L.K. Srivastava (Alternate)
26.	National Metallurgical Laboratory, Jamshedpur	Dr. Satadal Ghaori
27.	Tata Consultancy Engineers Ltd, Bangalore	Shri G.S. Ravi Shankar Shri Bratindra Narayan Dey (Alternate)
28.	Tata Metaliks Kubota Pipes Ltd, Kolkata	Shri Santanu Banerjee Shri N.V. Ramanathan (Alternate)
29.	Tru-Form Engineers, Nagpur	Shri Mahesh G. Nichwani Shri Arup K. Shiwankar (Alternate)
30.	Vishakhapatnam Steel Plant, Vishakhapatnam	Shri R.N. Bhattacharya Shri G. Ramesh Chander (Alternate)
31.	MJP, Mumbai	Shri Subhash B. Bhujbal
32.	Kolkata Metropolitan Water & Sanitary Authority, (KMWSA) Kolkata	Shri R M Chatterjee Shri A N Basak (Alternate)
33.	Rourkela Steel plant, Rourkela	Shri. R.C Sood Shri. R.P Bhalotia (Alternate)
34.	PHED, West Bengal	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)

CHAIRMAN: Shri Subhankar Gupta

Sl. No.	Name of the organisation	Represented by
1.	HINDALCO(R&D Centre) Industries Ltd.Taloja, Navi Mumbai	Shri.Subhankar Gupta Shri Atul Gupta (Alternate)
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.	Bharat Aluminium Co Ltd , Korba	Shri M Rathakrishnan, Shri Deepak Prasal (Alternate) Shri Rupal Mehta (Alternate)
5.	CEMILAC , Bangalore	Dr. Shrish S kale, Dr,T Ram Prabhu (Alternate)
6.	Century Alloys	Nomination Awaited
7.	DGQA, New Delhi/ Bangalore	Shri.K Saha Shri E V Rao (Alternate) Shri Ajay Kumar (Alternate)
8.	DGS&D, Kolkata / New Delhi	Shri A.K. Jain Shri A.K.M. Kashyap (Alternate)
9.	DMRL, Hyderabad	Dr. G Jagan Reddy, Dr. S N Sahu (Alternate)
10.	DRDL, Hyderabad	Dr. G. Raja singh, Dr NA Arun (Alternate)
11.	Hindustan Aeronautics Ltd., Bangalore	Dr. R.R. Bhatt
12.	Indian Space Research Organisation, Bangalore	Shri S.K Ghosh
13.	Institute of Indian Foundrymen , New Delhi	Shri K.S. Satyanarayana Shri A.K. Anand (Alternate) Dr. H. Sundara Murthy (Alternate)
14.	J.N. Alumn, R & D Design Centre , Nagpur	Dr. Anupam Agnihotri Shri R.N. Chauhan (Alternate)
15.	Jindal Aluminium Ltd , Bangalore/New Delhi	Shri U.C.Dosi Shri P. Devaraj

		(Alternate) Shri O.K. Sharma (Alternate)
16.	Ministry of Defence,CQA (MET), Ichapur	Shri Gautam Gupta, Shri S.J. Kolarkar (Alternate)
17.	Ministry of Industry, (O/o MSME), New Delhi	Shri.V.K Gupta
18.	National Aluminium Co. Ltd , Bhubneshwar	Shri S. Nanda
19.	National Metallurgical Laboratory , Jamshedpur	Dr. K.L. Sahoo, Dr. V. C. Srivastava (Alternate)
20.	National Test House , Ghaziabad	Shri Buddh Prakash, Shri P. Majumdar (Alternate)
21.	Ordnance Factory , Ambajhari	Shri R.B Pant Shri Ashok kumar (Alternate)
22.	RDSO (Diesel Locomotive Works) Liluah Workshop,Varanasi	Shri B. Dasgupta, Shri Alok Bose (Alternate)
23.	Advance Material & Process Research Institute (AMPRI), Bhopal	Dr. D P Mondal, Dr. B. K. Prasad (Alternate)
24.	SALCO Extrusions (P) Ltd. Mumbai	Shri Gopal M. Pai, Smt Pooja Kamat (Alternate)
25.	Shri Ram Institute for Industrial Research	Dr P K Kaicker Shri B Govindan (Alternate) Smt Laxmi Rawat (Alternate)
26.	White metals	Nomination Awaited
27.	Ess Dee India Foils, Kolkata	Nomination Awaited
28.	Century Extrusions Limited	Shri V Jhunjhunwala Shri Sanjay Singh Sekhawat (Alternate)
29.	NIT, Trichy8	Nomination Awaited

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 the organisation	Represented by
1.	Indian Copper Development Centre, Kolkata	Dr. D.De.Sarkar, indrajit mukherjee (Alternate)
2.	AgrAwal Metal Works Pvt. LTD.,rewari	Shri D.K. Jain Shri Umang Jain (Alternate)
3.	Bharat Electronics Ltd., Bangalore/Ghaziabad	Shri Sridhar S. Nadiger SHRI RAJESH KUMAR (Alternate)
4.	Bharat Heavy Electricals Ltd., BHOPAL	SHRI MALLESH P SHRI SUDHAKAR A N (Alternate) SHRI RANJAN ASHISH (Alternate)
5.	Birla Copper Ltd., Bharuch	Shri S.K. Sharma
6.	Crompton Greaves Ltd., mumbai	NOMINATION AWAITED
7.	CHANDRA METALS , ALLAHABAD.	SHRI ALOKE CHAKRAVORTHY DR.S.K. ROY (Alternate)
8.	Hindustan Copper Ltd., KOLKATA	Shri Awadesh Kumar SHRI J.BHATTACHARJEE (Alternate)
9.	Indoswe Engineers Pvt Ltd., PUNE	Shri U.K. Jatia Shri S.N.BANSODE (Alternate)
10.	International Copper Association india Mumbai	SHRI SANJEEV RANJAN Shri MANAS KUMAR KUNDU (Alternate)
11.	LARSEN & TOUBRO LTD., MUMBAI	Shri INDRANIL ROY Shri BARUNDEV LAHIRI(Alternate)
12.	Ministry of Defence (DGQA), KATNI	SHRI E V RAO SHRI G RAGHURAM (Alternate)
13.	Ministry of Defence (OFB), KOLKATA	Shri P.P.JAGDALE SHRI B.V.RAO (Alternate) SHRI S.T.KALE (Alternate)
14.	Ministry of Defence (DMRL) , HYDERABAD	Dr. S. NagarjunA Shri U CHINTA BABU (Alternate)
15.	Ministry of Railways (RDSO), LUCKNOW	SHRI HARI NARAYAN SHRI SANTOSH KUMAR (Alternate)
16.	Rapsri Engineering Industries Ltd., BANGALORE	Dr. P. Sriram

		SHRI K.U.B. PRAVEEN (Alternate)
17.	Saru Copper Alloy Semis Pvt Ltd., MEERUT	Shri sanjeev jain Shri nITISH JAIN (Alternate)
18.	Sterlite Industries India Ltd., SILVASA	MS. MEENAKSHI SABHARWAL Shri I. RAJASEKHAR (Alternate) SHRI HIMMAT HADIYA (Alternate)
19.	Vanaz Engineers Pvt Ltd., PUNE	SHRI R D CHAUDHARI SHRI A V JAGTATP (Alternate)
20.	Eastern copper manufacturing co. pvt ltd., kolkata	Shri Ravi Choudhary
21.	metal gems, mumbai	Shri rikhab mehta SHRI D K MANGAL (Alternate)
22.	winding wires association	NOMINATION AWAITED
23.	ieema, nEW DELHI	CHAIRMAN Shri UTTAM KUMAR (Alternate)

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 Prahalad Meena

Sl. No.	Name of the organisation	Represented by
1.	Ministry of Defence (DGQA), Ichapur	Shri Prahalad Meena
2.	B.T. Solders Pvt Ltd., Bangalore	Shri Anant Toshniwal Shri S. Ramesh (Alternate)
3.	Bhabha Atomic Research Centre , Mumbai	Dr. G.K.Dey
4.	Bharat Electronics Ltd, Bangalore	Mr. Ravi Bhushan
5.	Bhushan Power and Steel Ltd, Serampore West Bengal	Mr. S.J. Garwande Mr. P.S. Paul (Alternate)
6.	Binani Industries Ltd., Binanipuram	Dr. T.N. Suresh Kumar Shri Satheesh Chandran M B (Alternate)
7.	CECRI, Karaikudi	Dr. M. Ganesan Dr. L.J. John Berchmans (Alternate)
8.	Eveready Industries India Ltd., Kolkata	Shri A. Dutta Dr. G. Roopkumar (Alternate)
9.	Exide Industries Ltd., Kolkata	Dr. Ansuman Roy Shri Joydeep Chakrabarty (Alternate)
10.	Hindustan Zinc Ltd, Udaipur	Shri K. D. Sharma Shri Ch S. J. Sharma (Alternate)
11.	India Lead Zinc Development Association,	Shri K. Sridhar Shri L. Pugazhenthay (Alternate)
12.	Indian Rare Earths Ltd, Mumbai	Shri C.K. Asnani
13.	Larsen & Toubro Ltd, Pondicherry	Shri Chitikela Venkata Raman
14.	Met Trade (India) Ltd, Delhi	Shri Raman Gupta Shri Vinay Shankar (Alternate)
15.	Ministry of Defence (DGQA), Ichapur	Shri E.V. Rao Shri K. Saha (Alternate)
16.	Ministry of Mines, New Delhi	The Director
17.	Reliable Galvanizers & Fasteners P Ltd, Thane	Shri Ganesh K. Potdar
18.	National Metallurgical Laboratory, Jamshedpur	Dr. S. Ghosh

		Dr. A. Pradjam (Alternate)
19.	National Test House, Kolkata	Dr. Syamal Kumar Saha Dr. (Mrs) Alpana Biswas (Alternate)
20.	Naval Materials Research Laboratory, Ambarnath	Shri V.P. Deshmukh
21.	Power Grid Corp of India Ltd, Haryana	Shri K. N. M. Rao Shri Mahesh Sethi (Alternate)
22.	RDSO (M & C Directorate), Lucknow	Dy Director (Met II) ARO (Met VI) (Alternate)
23.	MSME Testing Centre, New Delhi	The Director Dr. D.K. Pandey (Alternate)
24.	rites Ltd, Gurgaon	Shri D. K. Sinha Shri M. P. Gupta (Alternate)
25.	Saru Smelting Pvt Ltd., Meerut	Shri Shashank Jain Dr. Subhash Chandra Rastogi (Alternate)
26.	Southern Metals & Alloys P. Ltd., Mumbai	Shri Vivek Noronha
27.	Telecom Factories,	Shri A. K. Saha Shri M. K. Kuldeep (Alternate)

Composition of Precious metals Sectional Committee, MTD 10

Scope: Standardization in the field of precious metals

CHAIRMAN: Paravjeet Singh

Sl. No.	Name of the organisation	Represented by
1.	Geological Survey of India	Shri Paravjeet Singh
2.	Association of Gold Refineries and Mint	Shri Rajesh Khosla Shri Suresh Dhruv (Alternate)
3.	All India Gems & Jewellery Trade Federation , Mumbai	Chairman Shri D D Karel (Alternate)
4.	Bhartiy Swarnkar Sangh	Shri Duli Chand Karel Shri Prem Soni (Alternate)
5.	Consumer Education and Research Centre , Ahmedabad	Dr. C.J. Shishoo
6.	Chemmanur Gold Refinery,	Shri James Jose Shri Ajesh Chandran (Alternate)
7.	Consumer Guidance Society of India, Mumbai	Shri Sitaram Dixit Dr. M.S. Kamath (Alternate)
8.	Ex Chairman in Personal Capacity , Pune	Shri S.C. Saha
9.	Gemological Institute of India , Mumbai	Shri K.T. Ramachandran
10.	Govt Indian Mint	Shri Bimal Prasad Dhal Shri Ravindra Gunderao Jad (Alternate)
11.	Gujrat Gold Centre , Ahmedabad	Shri Anil C. Kansara Shri Sharad C. Kansara (Alternate)
12.	Hindustan Zinc Ltd, , Udaipur	Shri Sunil Duggal Shri Avinash Chand Rai (Alternate)
13.	Indian Association of Hall Marking Centres , New Delhi	President Secretary (Alternate)
14.	Indian Diamond Institute, Surat	Shri Samir D. Joshi Shri Shri Hitesh Verma (Alternate)
15.	Indian Institute of Technology , Mumbai	Prof. S. Parida Prof. N.K. Khosla (Alternate)
16.	Indian Institute of Toxicology Research , Lucknow	Dr. Mukul Das Dr. R.C. Murthy (Alternate)

17.	Institute of Chemical Technology , Mumbai	Prof. B.M. Bhanage Prof. Radha V. Jayaram (Alternate)
18.	Jalan Company	Shri Ishwar Jalan Shri Vinay Jalan (Alternate)
19.	MMTC Ltd , New Delhi	General Manager
20.	National Centre for Compositional Characterisation of Materials (CCCM) , Hyderabad	Dr. R. Shekhar
21.	National Chemical Lab. , Pune	Dr. A.P. Singh Dr. D. Sriivas (Alternate)
22.	National Metallurgical Laboratory , Jamshedpur	Shri Rakesh Kumar Dr. S. Chakraborty (Alternate)
23.	NMDC, Hyderabad	Dr Ch Sravan Kumar Shri S K Sharma (Alternate) Dr K Srivamguru (Alternate)
24.	National Physical Laboratory , New Delhi	Dr K K Maurya Dr N Vijayan (Alternate)
25	National Refinery Pvt. Ltd , Mumbai	Shri Suresh P. Sonawala Shri Amit J. Sonawala (Alternate)
26.	National Test House , Kolkata	Dr A B Mondal Shri B m S Bisht (Alternate)
27.	Sigma Four , New Delhi	Shri A.K. Behl Smt Anita Bhatia (Alternate)
28.	Titan Company Ltd, Tamil Nadu	Shri Sanjay Ranawade Shri C R Narasimhan (Alternate)
29.	The Gem & Jewellery Export Promotion Council , Mumbai	Shri Sabyasachi Ray Shri Dilip Shah (Alternate)
30.	Voice Society, New Delhi	Shri B K Mukhopadhyay Shri Mau Khan (Alternate)
31.	World Gold Council	Somasundaram P R

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.

CHAIRMAN: Dr. Shaju K. Albert

Sl. No.	Name of the organisation	Represented by
1.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr Shaju K. Albert Dr A K Bahaduri (Alternate)
2.	Ador Welding Limited, Lal Bahadur Shastri Marg, Bhandup, Mumbai 400078	Shri H K Bhatia
3.	Asian Industries, B-25, Sector 7 Noida 201301	Shri Ish Khanna Shri Rajeev Khanna (Alternate)
4.	Bechtel India Pvt. Limited	Shri Manas Kanti Ghosh
5.	BEML Limited (Kolar Gold Fields) Bemi Nagar, Kolar God Fields 563115	Shri T T Subrahmanyeshwara Rao Shri J Praveen (Alternate)
6.	Bharat Electronics, Bangalore	Shri Sreedhar S Nadigar Shri Sudhakar (Alternate)
7.	Bharat Heavy Electricals Ltd Welding Research Institute, Tiruchirapalli 620 014	Shri P. Mallesh Dr. K. Asok Kumar (Alternate) Dr. Pr. Venkateswaran (Alternate)
8.	D&H Secheron Electrodes Pvt Ltd 44-46, Laxmi Bai Nagar, Industrial Estate, Kila Maidan, Indore 452006	Shri T.J. Prasada Rao Shri Anand Joshi (Alternate)
9.	Defence Research and Development Laboratory	Shri C V S Murthy Shri P Mastanish (Alternate)
10.	Delko India Consultants 44-46, Laxmi Bai Nagar, Industrial Estate, Kila Maidan, Indore 452006	Shri Jagdish Raj Prasher Shri Harish Kumar Arora (Alternate)
11.	Directorate of Naval Architecture	Cmde M N Menon Cdr RVV Ratnakar (Alternate)
12.	Engineers India Ltd, SMMS Deptt., E-1, Bhawan 9th Floor, Bhikaji Cama Place, New Delhi 110066	Shri S. Ghosal Shri Arjit Roy (Alternate)
13.	ESAB India Ltd, Chennai	Shri Ravi Kumar
14.	Godrej & Boyce Mfg Co Ltd Precision Systems Division, Plant 8, Pirojshanagar, Vikhroli, Mumbai 400079	Shri S.M. Vaidya Shri Jaydeep Vora (Alternate) Shri Anand D. Bagdare (Alternate)
15.	Honavar Electrodes Pvt. Ltd. 305-309, 3rd Floor, Damji Shamji Industrial Complex, 9 L.B.S. Marg, Kurla (W), Mumbai 400070	Shri D S Honavar Shri Vilas Gawas (Alternate)

16.	Indian Institute of Technology, Department of Mechanical Engg., Powai, Mumbai 400076	Dr Amitava De Shri N B Ballal (Alternate)
17.	Indian Register of Shipping 52A, Adi Shankaracharya Marg, Opp. Powai Lake, Powai, Mumbai 400 072	Shri S. Shankar Shri G.Madhu Babu (Alternate)
18.	Indian Welding Society, Mumbai	Shri R D Pennathur Shri Anand Purswani (Alternate)
19.	Indira Gandhi Centre for Atomic Research Material Joining Section, Material Technology Division, Kalapakkam 903 109	Dr.Shaju K. Albert Dr. A.K. Bhaduri (Alternate)
20.	Jai Gopal Engineering Works	Shri Jai Gopal Mehta Shri A K Gupta (Alternate)
21.	Larsen & Toubro Limited Welding Engineering Department, Heavy Engg. Division, Powai Campus, Mumbai 400072	Shri D V Kulkarni Shri Y S Trivedi (Alternate)
22.	Ministry of Defence (DGQA) Distt. 24 Parganas (North), Nawabganj, Ichapore 743133 (West Bengal)	Shri N.K.Murthy Shri Bikas Mondal (Alternate)
23.	Ministry of Railways(RDSO), Lucknow	Shri B L Bairwa Shri Harish Chandra (Alternate)
24.	National Test House, NTH (ER), Kamla Nehru Nagar, Ghaziabad 201 002	Shri Sher Singh Shri G.N.Sudhakar (Alternate)
25.	Nuclear Power Corporation of India Ltd, Nabhikiya Urja Bhavan, Anushaktinagar Mumbai 400094	Shri S.Viswanath Shri Sundar Singh (Alternate)
26.	Office of the Development Commissioner (MSME), New Delhi	Shri Niranjan Naik Shri Dinesh Kumar (Alternate)
27.	Oil and Natural Gas Corp. Ltd, Shed No. 26, Tel Bhavan, Dehradun, Uttarakhand 248003	Shri Sayed Shakir Ali Shri Ratendra Kumar (Alternate)
28.	Ordnance Factory Board, Kolkata Ambajhari Nagpur 440021	Shri S K Dogra Shri A B Handi (Alternate)
29.	Research and Development centre for Iron and Steel (SAIL)Centre for Iron & Steel, Steel Products Group, Ranchi 834 002	Shri B.Sarkar Shri Vinod Kumar (Alternate)
30.	Tata Motors Limited Engineering Research Centre, Pimpri, Pune 411 018	Shri V.Hariharan Shri R.R.Kulkarni (Alternate)
31.	Tata Steel Limited, Scientific Services Development, Jamshedpur 831007	Shri Mahadev Shome Dr Goutam 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 Rajan Kumar

Sl. No.	Name of the organisation	Represented by
1.	National Mineral Development and Corporation Ltd, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad 500 028	Shri Rajan kumar
2.	Atomic Minerals Division, AMD/Deptt. of Atomic Energy, West Block VII, R.K. Puram, New Delhi	Dr. P.N. Bangroo Dr. Manjeet Kumar (Alternate)
3.	Bhilai Steel Plant (SAIL), R&C Lab, Chattisgarh, Bhilai 490 001	Shri S.K. Ghosh Shri Thirumavaisvan (Alternate)
4.	Central Glass & Ceramic Research 196, Raja S.C. Mullick Road, West Bengal.Jadavpur University.. Kolkata 700 032	Awaited
5.	Defence Metallurgical Research Lab, (DMRL), Kanchanbagh, Hyderabad 500 017	Dr.Ch.R.V.S.Nagesh Dr.Ranjan Kumar Singh (Alternate)
6.	Fomento Resources Pvt Ltd	Shri Suhas Rao Damodar Govekar Shri Mahendra Manguesh Ramani (Alternate)
7.	Geological Survey of India, Coal Wing, 27, Jawahar Lal Nehru Road, Kolkata 700 016	Shri S.K. Kar Dr. Shivdas (Alternate)
8.	HINDALCO Industries Ltd; Hindalco Industries Limited Birla Centurion, 7th floor Pandurang Budhkar Road, Distt. Kolhapur Worli, Mumbai 400 030	Shri Uday V. Pawar
9.	Hindustan Zinc Ltd Chanderiya Lead, Lead Smelter, P.O. Putholi Distt. Chattisgarh, Rajasthan 312 021	Dr S C Mehta Dr Rajen Kumar (Alternate)
10.	Indian Bureau of Mines Indira Bhavan, Civil Lines, Nagpur 440 001	Shri M A K Naidu
11.	Indian Rare Earths Ltd, Research Centre, P.B. No. 38, Beach Road, Kollam, Kerala 691 001	Dr S Suresh Kumar
12.	Jawahar Lal Aluminium Research Development and Design Centre, Amravati Road, Wadi, Nagpur 440 023	Shri Raj Shekhar Mishra Dr Suresh O Puttewar (Alternate)
13.	JSW Steel Ltd, Toranagallu, Bellary, Karnataka, 583275, India	Shri P C Mahapatra Shri Prabir Kumar Das (Alternate) Shri N Sairam Krishna (Alternate)
14.	Kudremukh Iron Ore Co. Ltd , Process Control Department, Panambur, Mangalore 575010	Shri B.V. Prakash Shri A.Devananda Pai (Alternate)

15.	M. N. Dastur & Co Ltd, Extension, Kolkata 700 013	P-18, Mission Row	Shri Buddhadeb Sen Sarma Shri Avijit Poddar (Alternate)
16.	Manganese Ore (India) Ltd MOIL Bhavan, 1 A, Katol Road, Nagpur 440 013		Shri M. D. Sorathia Shri D. Shome (Alternate)
17.	Mineral and Metals Trading Corpn, (MMTC), Core 1, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi 110 003		Shri S.V. Kalve Shri R. N. Singh (Alternate)
18.	Mineral Exploration Corpn. Ltd, Seminary Hills, Nagpur 440 006		Shri V.K.S. Visen Shri S. K. Lagoo (Alternate)
19.	Mitra S.K. Pvt. Ltd, Shrachi Centre, 5th Floor, 74B, Acharya Jgdish Chandra Bose, Kolkata 700 016		Shri Sajal Mitra Shri P L Bose (Alternate)
20.	National Aluminium Co. Ltd., Smelter Plant, Nalco Nagar, Distt. Angul, Orissa 759 145		Dr.B.K.Satpathy Shri B. Toppo (Alternate)
21.	National Metallurgical Lab., Mineral Processing Division, Jamshepdur 831 007		Dr. Ratnakar Singh Dr. Manoj Kumar Mohanta (Alternate) Dr. (Ms.) Shobhana Dey (Alternate)
22.	National Mineral Development Corporation Ltd, 10-3- 311/A, Khanij Bhavan, Castle Hills, Masab Tank, Hyderabad 500 025		Shri Rajan Kumar Shri Vibhuti Roshan (Alternate)
23.	National Test House (ER) , Block CP, Sector V, Salt Lake, Kolkata 700 091		Dr.S.K.Kulshrestha Dr. Anath Bandhu Mondal (Alternate)
24.	Rourkela Steel Plant, R&C Laboratory, Rourkela 769 011 Orissa		Shri A K Acharya Dr. D. K. Das (Alternate)
25.	SAIL, Raw Material Division Industry House 10, CAMAC Street, Kolkata 700 017		Shri Brijesh Kumar Shri D k Jagani (Alternate)
26.	Sesa Goa Ltd , Sese Ghor , EDC Complex, Panaji, Goa 403 001		Shri Arvind Hondigol Shri Joaquim D' Costa (Alternate)
27.	Shriram Instiute for Industrial Research,19, University Road, P.B. No. 2122, Delhi 110 007		Shri Balan Govindan Shri Shambhu Thakur (Alternate)
28.	Steel Authority of India Ltd,(SAIL) Ispat Bhawan, Doranda, Ranchi - 834002, Jharkhand,		Dr. S.K. Pan Shri Vikas Dayal (Alternate)
29.	Tata Steel , Natural Resources Divison, 3rd Floor, Commercial Building, Jamshepdur 831 001		Dr. A.K.Mukherjee, Dr.S.Mohan Rao (Alternate) Shri P.Chakraborty (Alternate)
30.	TRL Korosaki Ltd., Belapahar, Distt. Jharsuguda, Orissa 768218		Shri Priyabrata Panda Shri Biswajit Ghosh (Alternate)
31.	Visakhapatnam Steel Plant, Quality Assurance & Technology Development Department, Visakhapatnam 530 031		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 Vivek Kumar Raizada

Sl. No.	Name of the organisation	Represented by
1.	BHEL, Haridwar	Shri Vivek Kumar Raizada Dr Kulvir Singh (Alternate)
2.	BEML	Shri A S Phaneendra Shri D V Govindaswamy (Alternate)
3.	BESCO Limited , Kolkata	Shri M.S.Tantia Shri A. Chatterjee (Alternate)
4.	Bhagwati Steel Cast Ltd , Mumbai	Shri I.A.Vasanwala Shri Jagdish M. Patel (Alternate)
5.	Bharat Earth Movers Ltd , Kolar Gold Fields	Shri Kallol Rai Shri H.C.Rudrachur (Alternate)
6.	Bharat Heavy Electricals Limited	Shri V K Aggarwal Shri Tushar Dave (Alternate)
7.	Bhilai Engineering Corporation Limited , Bhilai	Shri Subhasis Das Shri A. B. Chatterjee (Alternate)
8.	Dte General of Supplies & Disposals ,	Shri B. S. Rana Shri S. K. Pandey (Alternate)
9.	DGQA	Shri Ashok Kumar Shri V K S Balyan (Alternate)
10.	In Personal Capacity , Lucknow	Shri Prakash Narain
11.	In Personal Capacity , Noida	Shri A.K. Mandal
12.	India Core Oil Ltd , Faridabad	Shri Sudhir Pal
13.	Indian Register of Shipping, New Delhi	Shri R.Sachdeva Shri R.K.Kalra (Alternate)
14.	Indian Institute of Technology , Kharagpur	Prof. Sarat Ch. Panigrahi
15.	Institute of Technology , Varanasi	Prof. A. K. Ghose Dr. Sunil Mohan (Alternate)
16.	Ministry of Defence (DGQA) , Ichapur	Shri A. K. Khanna Dr. Ramgopal Singh (Alternate)
17.	Ministry of Railways, RDSO, Lucknow	Shri C. Sengupta Dy CCMT/CLW, Chennai (Alternate)

18.	Ministry of Railways , Chittaranjan	Chemist & Metallurgist Addl Chief Chemist & Met (Alternate)
19.	Ministry of Science & Technology , New Delhi	Shri K.S.P.Rao
20.	National Institute of Foundry & Forge Technology , Ranchi	Shri D.N.Prasad Dr. K. K. Singh (Alternate)
21.	National Metallurgical Lab , Jamshedpur	Dr. Sukomal Ghosh
22.	Ordnance Factory Board , Jabalpur	Shri G. Jha Shri A.K.Lala (Alternate)
23.	PTC Industries Ltd , Lucknow	Shri Alok Agarwal Shri M P Verma (Alternate)
24.	Steel Cast Ltd, Bhavnagar	Shri V.K.Chakraborty Shri M.L.Vaishnav (Alternate)
25.	SAIL, RDCIS, Ranchi	Dr. S. R. Ghantasala Dr D. Rai (Alternate)
26.	Tata Motors	Shri S Kumar Shri D S Pandan (Alternate)
27.	The National Institute of Foundry & Forge Technology , New Delhi	Shri.K.S Satyanarayan Shri.A.Anand (Alternate)
28.	Uni Abex Alloy Products Ltd, Thane	Shri A.K.Mallik Shri H.S.Naval (Alternate)
29.	Uni Deritend Ltd, Thane	Shri M.K.Fondekar Shri D.A.Usgaonkar (Alternate)
30.	Versatile Equipments Pvt.Ltd, Kolhapur	Shri Pushkraj Janwadkar Shri Kiran Pandit (Alternate)
31.	Virgo Service Pvt Ltd, Jodhpur	Prof P.L.Jain Shri A.K. Jain (Alternate)

Composition of Refractories Sectional Committee, MTD 15

Scope: Standardization in the field of refractories

CHAIRMAN: Dr. A.K. Chattopadhyay

Sl. No.	Name of the organisation	Represented by
1.	M/S Vantage Refractory Technologies, Kolkata	Dr. A.K. Chattopadhyay
2.	Calderya India Refractories Limited	Dr. I.N. Chakraborty Shri Shantanu Basak (Alternate)
3.	Central Glass and Ceramic Research Institute, 96, Raja S.C. Mullick Road, Jaduapur, Kolkata 700 032	Dr. Arup Ghosh Shri Himanshu Sekhar Tripathi (Alternate)
4.	CET, SAIL, Lab Building, 4th Floor, Ranchi 834 002 Jharkhand	Shri Basant Kumar Shri Surendra Prasad (Alternate)
5.	Dalmias Inst. Of Science & Ind Research, Post Box No.2, Mullick Road, Rajgangpur 770 017	Shri Jayant Sahu Dr. P. Sahu (Alternate)
6.	Engineers India Ltd, 1, Bhikaji Cama Place, New Delhi 110 056	Shri P.P. Lahiri Shri P. Saha (Alternate)
7.	IFGL Refractories Ltd, 3, Netaji Subhas Road, Kolkata 700 001 West Bengal	Dr. G. Banerjee
8.	In Personal Capacity, Kolkata	Dr. Arup Ghosh
9.	Indian Refractories Makers Association, RGC Consultants, 23, Hemkunt Colony, New Delhi 110 048 Kolkata	Shri Nilachal Sahoo Shri Anirbandip Dasgupta (Alternate)
10.	M.N. Dastur & Co Pvt Ltd, P-17 Mission Row Extension, Kolkata 700 013	Shri Saurav Ghosal Shri Arindam Chakraborty (Alternate)
11.	Mahakosal Refractories Pvt Ltd	Dr. Sukumar Adak Shri Shyamalendu Kabiraj (Alternate)
12.	Maithan Ceramic Ltd, P.O. Chirkundu, Distt. Dhanbad Jharkhand	Shri Niloy Chakraborty Shri Manoj Kumar (Alternate)
13.	MECON, Ranchi	Shri S. Mukherjee Shri B Bera (Alternate)
14.	National Test House, Block CP, Sector V, Salt Lake, Kolkata 700027	Shri Alok Dey Dr. Anuradha Ghosh (Alternate)
15.	OCL India Ltd, Rajganpur Rajgangpur 779917	Dr. J.K. Sahu Shri A K Patnaik (Alternate)
16.	Rashtriya Ispat Nigam Ltd, Visakhapatnam Steel Plant, Visakhapatnam 530 031	Shri G. Dutta Shri S.K.

		Bhattacharya (Alternate)
17.	SAIL, Bhilai Steel Plant, Bhilai	Dr. L. Tiwari Smt D Satya Devi (Alternate)
18.	Steel Authority of India Ltd, R&D Centre for Iron & Steel, Ranchi 834 002	Shri S K Nandy Shri R K Singh (Alternate)
19.	Tata Steel Ltd, Jamshedpur 831 007	Shri Atanu Ranjan Pal Shri Prasanta Panigrahi (Alternate) Shri Goutam Ghosh (Alternate)
20.	TRL Krosaki Refractories Ltd, Belpahar Jharsuguda, Odisha 768 218	Dr. A K Chattopadhyay Shri S K Subudhi (Alternate)
21.	In Personal Capacity	Shri Barun Deb Mukherjee
22.	JSPL Jindal Centre, 12, Bhikaji Cama Place, New Delhi 110 066	Shri S.Sundaren
23.	NALCO NALCO Bhavan, P/1 Nayapalli, Bhubaneswar 751 013	Shri. Pramod Kumar Das Shri Satyam Nayak (Alternate)
24.	Hindustan National Glass Industries Ltd, Post Box No,7, Bahadurgarh, Faridabad 124507	Shri. Sutyokam nayak

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 T. Muthukumar

Sl. No.	Name of the organisation	Represented by
1.	All India Stainless Industries Association, Mumbai	Shri Hitendra Bhalaria Shri Jay Kumar Bansal (Alternate)
2.	AERB	Shri S.A. Bhardwaj
3.	Atomic Mineral Division, Nagpur/New Delhi	Dr. Samir Durani Shri Alok Pandey (Alternate)
4.	Bharat Forge Ltd, Pune	Shri Suresh Arangi (Principal) Shri Sagar Bapat (Alternate)
5.	Bharat Heavy Electricals Ltd, HPEP Trichy	Shri Manu Shankar Harish (Principal) Shri Venkateswarlu Ala (Alternate)
6.	Central Boilers Board, Ministry of commerce and Industry, DIPP, New Delhi	Shri T S G Narayannen Shri S.K.Jain (Alternate)
7.	Defence Met. Research Laboratory DMRL, Hyderabad	Dr. R.Balamuralikrishnan Shri B Veerababu (Alternate)
8.	DGS&D, Kolkata / New Delhi	Shri P. K Lahiri (Principal) Shri A.K.Jain (Alternate)
9.	Hindustan Aeronautical Limited (HAL), Bangalore	Dr R.R Bhat Shri Anil Kumar M (Alternate)
10.	Indian Stainless Steel Development Association	Shri Rohit Kumar
11.	India Govt Mint, Mumbai	Nomination awaited
12.	Jindal Stainless Limited, Hissar	Shri S Maheshwari Smt. Jalaja Menon (Alternate)
13.	Larsen & Toubro Ltd., Mumbai/New Delhi	Shri R. G. Kulkarni Shri Kuldip Goel (Alternate)
14.	Ministry of Defence (DGQA), West Bengal	Shri L.P Varte Shri M. K Srivastav (Alternate)
15.	Mishra Dhatu Nigam Ltd , Hyderabad	Shri S. Narhari Prasad

		Shri K. Sivasubramanian (Alternate)
16.	Mukand Ltd, Kalwe	Shri Abhay Y. Phahke Shri Dominic Savio (Alternate)
17.	National Metallurgical Laboratory	Dr. S. Ghosh Chowdhury Dr. B. Ravi Kumar (Alternate)
18.	National Physical Laboratory	Shri R.C.Anandani Dr.S.P.Narayana (Alternate)
19.	National Test House , Kolkata	Dr.P.Kanjilal Dr.(Mrs) M Mishra (Alternate)
20.	Nuclear Fuel Complex , Hyderabad	Shri H.R. Ravindra Shri Y. Balaji Rao (Alternate)
21.	RDSO, Lucknow	Nomination Awaited
22.	Research and Development Centre for Iron & Steel, SAIL, Ranchi	Shri B Mishra Shri S Srikanth (Alternate)
23.	SAIL, Visvesvaraya Iron and Steel Plant Bhadravati	Shri P Santhana Kumar Shri Ravi kiran Upadya (Alternate)
24.	Salem Steel Plant , Salem	Shri P.Govindrajan Shri K K Vishwakarma (Alternate)
25.	Sundram Fasteners Limited, Chennai	Shri Atul Kumar Agarwal Dr P Sanmugam (Alternate)
26.	Tata Motors, Pimpri	Shri Pradeep Malhar Kulkarni Shri Yogesh S Kulkarni (Alternate)

Composition of Steel Tubes, Pipes and Fittings Sectional Committee, MTD 19

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

CHAIRMAN: Vacant

Sl. No.	Name of the organisation	Represented by
1.	Bharat Heavy Electricals Ltd, Tiruchirapalli	Shri G. Jayaprakash Shri R. Dharmar (Alternate)
2.	Bhushan Steel Ltd., Khopoli, Maharashtra	Shri B.L.Chopra Shri Udyan Tyagi (Alternate)
3.	Central Boilers Board, DIPP, New Delhi	Shri T. S. G. Narayanan Shri S. K. Jain (Alternate)
4.	Engineers India Ltd, New Delhi	Shri S. K. Jain Shri R. S. Bains (Alternate)
5.	Federation of Industries of India, New Delhi	Shri I.P.Jain Shri H.L. Bhardwaj (Alternate)
6.	GAIL (I) Limited, New Delhi	Shri M I Haque Shri Anurag Srivastava
7.	Good Luck Steel Tubes Ltd, Ghaziabad	Shri M. C. Garg Shri U.D. Sharma (Alternate)
8.	Gujarat Gas Co. Ltd, Ahmedabad	Shri N K Mehta Shri Raghunath Kulai (Alternate)
9.	Gujarat State Petronet Ltd, Gandhinagar	Shri N. Bose Babu Shri Nilesh Tanna (Alternate)
10.	Howrah Pipe Fittings Manufacturers' Welfare Association, Howrah	Shri Mahananda Dhara Shri P Ghosh (Alternate)
11.	Indraprastha Gas Ltd, New Delhi	Shri Bhudev Singh
12.	In personal capacity	Shri C B Lunawat
13.	Indus Tubes Ltd, New Delhi	Shri I. P. Jain Shri D.K. Kapoor (Alternate)
14.	Jindal Pipes Ltd, Ghaziabad	Shri D.B. Singh Shri K.D. Sharma (Alternate)
15.	KMDA, Kolkata	Shri R. M. Chatterjee Shri A. N. Basak (Alternate)
16.	Mazagon Dock Ltd, Mumbai	Shri O.P. Panwar Shri Biju George (Alternate)
17.	DGS & D, New Delhi	ADG (QA)

18.	Ministry of Defence (DGQA) New Delhi	Cdr. S. K. Bharadwaj Shri L. K. Sanka (Alternate)
19.	RDCIS, SAIL, Ranchi	Shri Debashis Karmakar Shri S.T.Selvam (Alternate)
20.	RITES Ltd, Bhilai	Shri Mukesh Sinha Shri H. S. Nayak (Alternate)
21.	Society of Indian Automobile Manufacturers, New Delhi	Shri Prashant K Banerjee Shri Amit Kumar (Alternate)
22.	Steel Authority of India Ltd, Rourkela	Shri K.K. Misra Shri Ashish Chakraborty (Alternate)
23.	Surya Roshni Ltd, Haryana	Shri N. K. Singla
24.	Tata Steel Limited, Jamshedpur	Shri B. B. Prasad Dr. A. N. Bhagat (Alternate)

Composition of Non Destructive Testing Sectional Committee, MTD 21

Scope: Standardization in the field of Non-Destructive Testing

CHAIRMAN: Shri BPC Rao

Sl. No.	Name of the organisation	Represented by
1.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Shri.B.P.C Rao
2.	Atomic Energy Regulation Board, Mumbai	Shri A.U. Sonawane Shri Amit Sen (Alternate)
3.	Bhabha Atomic Research Centre, Mumbai	Shri.Arbinda kumar Shri P.P. Nanekar (Alternate)
4.	Bharat Heavy Electricals Ltd, Tiruchirapalli	Shri T.Gurunathan, Shri Shyamsunder Reddy (Alternate)
5.	Centre for Design and Manufacture, BARC, Mumbai	Shri S.P. Srivastava Shri S.P. Pandarkar (Alternate)
6.	Department of Space (VSSC), Thiruvananthapuram	Shri Saratchandran S Shri M Arumugam (Alternate)
7.	Department of Industrial Policy and Promotion, New Delhi	Shri T.S.G. Narayannan Shri S.K. Jain (Alternate)
8.	DMRL	Dr M Phani Surya Kiran Shri A Mukhopadhyay (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. Prabhu Rajgopal Dr. Krishnan Balasubramanian (Alternate)
13.	Indian Society for Non-Destructive Testing, Chennai	Shri R J Pardikar Shri Diwakar D Joshi (Alternate)
14.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr. B. Venkatraman Dr Baldev Raj (Alternate)
15.	Larsen & Toubro Ltd, Mumbai	Shri A.D. Paranjpe Shri P.B. Patil(Alternate)
16.	M.N. Dastur & Co (P) Ltd, Chennai	Shri G S Kulkarni Shri Himanshu Gupta (Alternate)

17.	National Metallurgical Laboratory, Jamshedpur	Dr. Sarmistha Palit Sagar Dr. Ashish Kumar Panda (Alternate)
18.	Ministry of Defence (DGQA), Ichapur	Dr D.C Kar Shri M.K. Shrivastav (Alternate)
19.	National Physical Laboratory, New Delhi	Dr. Ashok Kumar Dr. Yudhister Kumar (Alternate)
20.	National Test House, Mumbai	Shri Nirman Singh Shri Sher Singh (Alternate)
21.	NTPC, Noida	Shri D.D.N. Verma
22.	Nuclear Fuel Complex, Hyderabad	Shri Subba Rao Shri B. Kamlesh Kumar (Alternate)
23.	Nuclear Power Corporation of India Ltd, Mumbai	Shri J.K. Jain Shri N.P. Srivastava (Alternate)
24.	P-Met, High Tech, Vadodara	Shri Devendra M. Mehta Shri P.K. Panchal (Alternate)
25.	Pradeep Metal Treatment Chemicals Pvt Ltd, Thane	Shri D.J. Varde Shri Kalesh A. Nerukar (Alternate)
26.	Research Design and Standard Organization, Lucknow	Shri B K Saxena Shri B.L. Jatav (Alternate)
27.	Satish Dhavan Space Centre,	Shri P.V. Sai Suryanarayana Dr. B. Munirathinam (Alternate)
28.	Tata Motors Ltd, Pune	Shri A.V. Karmakar Shri S.S. Panse (Alternate)
29.	Tata Steel Ltd, Jamshedpur	Shri S. Balamurugan Shri Jitendra Mathur (Alternate)
30.	Technofour, Pune	Shri P.V. Dhole Shri Nilesh V Sonar (Alternate)

Composition of Metallography and Heat-Treatment Sectional Committee MTD 22

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

CHAIRMAN: Shri S K Dhua

Sl. No.	Name of the organisation	Represented by
1.	SAIL, CET & RDCIS, Ranchi	Shri S.K. Dhua
2.	Bharat Forge Limited, Pune	Shri Suresh Arangi Shri Sagar Bapat (Alternate)
3.	Bharat Heavy Electricals Ltd, Ranipur	Shri S.J. Ghosh Shri.V. Mittal (Alternate)
4.	Durgapur Steel Plant, Duragapur	Shri R.S. Tiwari
5.	Govt. of India, Ministry of Defence, (DMRL) Hyderabad	Dr. K. Siva Kumar Dr. Amit Bhattacharjee (Alternate)
6.	HAL, Bangalore	Shri S. Sivaramkrishnan Shri D.K. De (Alternate)
7.	Hindalco Industries Ltd	Shri K.M. Shankar Nayak Shri Dipak Sarkar (Alternate)
8.	Indian Institute of Technology, Mumbai	Prof Nityananda Prabhu Prof K. Narasimhan (Alternate)
9.	Indian Institute of Technology, Kanpur	Dr. Anish Upadhyay Dr. Krishanu Biswas (Alternate)
10.	Institute of Indian Foundrymen, New Delhi	Shri K.S. Satyanarayana Shri A K Anand (alternate)
11.	Ispat Industries Ltd, Raigarh	Shri P.K. Patra Shri A.A. Pandey (Alternate)
12.	Jawaharlal Nehru Aluminium Research Dev & Design Centre, Nagpur	Dr. Anupam Agnihotri Shri R.N. Chouhan (Alternate)
13.	Kirloskar Oil Engines Ltd,	Shri R.L. Harollikar
14.	Ministry of Defence(DGQA) Ichapur	Shri K. Saha QAO Dr. Jana Bhattacharya Roy (Alternate)
15.	Mishra Dhatu Nigam Ltd, Hyderabad	Shri S.K. Chandra
16.	Mukand Ltd, Thane, Mumbai	Dr. A. Ganguly Shri Prashant Frank Casta (Alternate)
17.	National Test House, Chennai	Shri S. Jayapal

		Dr. P. Kanjilal (Alternate)
18.	Research and Development Centre for Iron & Steel, Ranchi	Shri P.P. Sarkar Dr. A.K. Bhakat (Alternate)
19.	Research Design & Standard Organization, Lucknow	Shri V.D. Meharkure Shri B.R. Verma (Alternate)
20.	Tata Motors Ltd, Pune	Shri P.M. Kulkarni Shri U.B. Pathak (Alternate)
21.	Tata Steels Ltd, Jamshedpur	Shri Sandip Bhattacharyyay Mrs. Manashi Adhikari (Alternate)
22.	National Metallurgical Lab, Jamshedpur	Nomination 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. Kamachi Mudali

Sl. No.	Name of the organisation	Represented by
1.	Atotech , Gurgaon	Shri Sanal Kumar Dr. Ramavtar Sharma (Alternate)
2.	Bhabha Atomic Research Centre, Mumbai	Dr. Vivekanand Kain
3.	Central Electrochemical Research Institute, Karaikudi	Dr.S.Syed Azim Dr.G.T.Parthiban (Alternate)
4.	Confederation of Indian Industry , Gurgaon	Shri R.Narayanan
5.	Engineers India Ltd., New Delhi	Shri B.Chatterjee Shri R.Chaudhury (Alternate)
6.	GAIL India Ltd.,	Shri S.Bairagi Shri S S Verma (Alternate)
7.	Government of India – Ministry of Railways (RDSO) , Lucknow	Shri C Sengupta Shri R. K. Bagchandani (Alternate)
8.	Indian Lead Zinc Development Association ,New Delhi	Shri K.Sridhar Shri L.Pugazhenthay (Alternate)
9.	Indian Oil Corporation Ltd., Faridabad	Shri S.Rajagopal Shri Keshav Kishore (Alternate)
10.	Indira Gandhi Centre for Atomic Research , Kalpakkam	Dr.U.Kamachi Mudali Dr.M.G.Pujar (Alternate)
11.	LalitaInfraprojectsPvt Ltd	Dr.Buddhadeb Duari Shri J S Das (Alternate)
12.	Jindal Pipes limited	Nomination Awaited
13.	Lloyd Insulations (India) Ltd.	Shri Mohit Khanna Shri K.K. Mitra (Alternate)
14.	Llyods Tar Products Ltd., New Delhi	Smt Gauri Sharma Shri Vatsal Vardhan (Alternate)
15.	MECON Ltd. Ranchi	Shri Goutam Chakraborty Shri D.K.Ambastha (Alternate)
16.	Metal Research Lab. (BHEL), Hardwar	Shri S.J.Ghosh Shri Mathur Abhishek (Alternate)

17.	Ministry of Defence (DGQA)	Shri Bikas Mondal Dr.Jana Bhattacharya Roy (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.	National Aerospace laboratories	Nomination awaited
21.	Oil and Natural Gas Commission, Maharashtra	Dr Anil Bhardwaj
22.	Project Engineering (Civil) (NTPC),NOIDA	Shri Chander Shekhar Shri Sudhakar Panjala (Alternate)
23.	National metallurgical laboratory	Nomination awaited
24.	Research & Development Centre for Iron & Steel	Dr Vinod Kumar Shri P.Saravanan (Alternate)
25.	Naval Metallurgical Research laboratory	Nomination awaited
26.	SRMB Srijan Limited	Shri M M Banerjee Shri Debaasheesh Ghosh (Alternate)
27.	Seal for life India pvt ltd	Shri Gurinder S Sethi
28.	Tata Motors , Pune	Shri R.B. Lahoti Shri A. Majumdar (Alternate)
29.	The Tata Iron & Steel Co. Ltd.	Dr.Manojit Dutta Shri A K Singh (Alternate)
30.	Titan Industries Ltd. ,	Shri P.Ashok Anur Shri C.V.S.Prasad (Alternate)
31.	Reliance Gas Transportation	Shri Raghavanchari Suresh

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.	Name of the organisation	Represented by
1.	Bhabha Atomic Research Centre, Mumbai	Shri B.P. Sharma
2.	Bharat Heavy Electricals Ltd, Hyderabad	Shri B.K. Pant Shri Vivek Arya (Alternate)
3.	Defence Metallurgical Research Laboratory, Hyderabad	Dr. G. Appa Rao Shri M. Sankara Narayana (Alternate)
4.	Electronica Tough Carb Ltd, Nasik	Shri A.N. Chakar Shri B.V. Pathak (Alternate)
5.	GKN Sinter Metals Ltd, Pune	Shri N.L. Chandrachud Smt. Anita Sethi (Alternate)
6.	Hoganas India Ltd, Ahmednagar	Shri Shubhranshu Shekhar Panda Shri Mahesh Nipanikar (Alternate)
7.	Indian Institute of Technology, Mumbai	Prof. Parag Bhargava Prof. A. Mukhopadhyay (Alternate)
8.	ISRO (Vikram Sarabhai Space Centre), Trivendrum	Shri Ganadhar De
9.	Kennametal India Ltd, Bangalore	Shri R. Rengarajan Shri Ramesh S Rao (Alternate)
10.	M/s Ashok Leyland, Maharashtra	Awaited
11.	Ministry of Defence, Tiruchirapalli	Shri A.K.Mukherjee Shri Kausik Chakraborty (Alternate)
12.	Ministry of Defence (DGQA), West Bengal	Shri N.K.Murthy Shri P.Nagendra Kumar (Alternate)
13.	Mishra Dhatu Nigam Ltd, Hyderabad	Shri P. Sarkar Shri S. Mahadeva Ram (Alternate)
14.	National Metallurgical Lab, Jamshedpur	Dr. L.C. Pathak Dr. V.C. Srivastva (Alternate)
15.	National Test House, Kolkata/Chennai	Shri G.N. Sudhakar Dr. K.P. Kanjilal (Alternate)
16.	Nuclear Fuel Complex, Hyderabad	Shri D. Pramanik Shri K.S. Subramanian (Alternate)
17.	Padmasree Enterprises (Innomet), Hyderabad	Shri Bijoy Sarma Shri Vinay Chilakapati
18.	Powder Metallurgical Association of India, Hyderabad	The President
19.	Society of Indian Automobile Manufacturers (SIAM), New Delhi	Shri K.K. Gandhi Shri Pankaj Kumar Karn (Alternate)
20.	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 R K Bagchi

Sl. No.	Name of the organisation	Represented by
1.	Bharat Forge Ltd, , Pune	Shri Raju Kalyani Shri Zuber Shaikh (Alternate)
2.	Bhilai Steel Plant, , Bhilai	Shri Bipin Kuamr Shri S.V. Padegaonkar (Alternate)
3.	Centre for Engineering & Technology (CET) , Ranchi	Shri Ajay Kumar Shri Manish Kumar (Alternate)
4.	CSIR- Central Glass & Ceramic Research Institute , Kolkata	Dr. Tapas Kumar Mukhopadhyay Shri Sitendu Mondal (Alternate)
5.	Eastern Equipment & Engineers , Kolkata	Shri R.K. Aggarwal Shri Vikas Aggarwal (Alternate)
6.	Fire Gas Kin Thermal Pvt. Ltd , Kolkata	Shri P. Dasgupta Shri N. Pal (Alternate)
7.	Gillanders Arbuthnot & Co. Ltd, , Kolkata	Shri Alok Basu Shri Himanshu Banerjee (Alternate)
8.	Indian Institute of Technology , Kharagpur	Dr. P.K. Dash
9.	Indian Seamless Metal Tubes (ISMT) Ltd , Pune	Shri Dhananjay A. Waghlikar Shri Balram Agrawal (Alternate)
10.	M.N. Dastur & Co. Ltd. , Kolkata	Shri P.K. Dey Shri Sankar Dutta (Alternate)
11.	MECON Limited , Ranchi	Shri Subhojyoti Chattopdhyay Shri A.K. Sinha (Alternate)
12.	National Institute of Secondary Steel Technology, , Mandi, Govindgarh Punjab	Shri S.P. Singh Shri Paramjit Singh
13.	Ordnance Factory Board , Ichapore	Shri C.K. Mondal (Alternate)
14.	Petroleum Conservation Research Association (PCRA) , New Delhi	Shri Dharendra Kumar Shri Amit Kumar Mursainia (Alternate)
15.	Rail Wheel factory ,	Shri Devasahayam Shri Govind Pandey (Alternate)
16.	Research & Development Centre for Iron & Steel (RDCIS) , Ranchi	Shri Prabhash Kumar Shri T.S. Reddy (Alternate)
17.	SAIL, Bokaro Steel Plant , Bokaro	Shri S. Mazumder

		Manager (Alternate)
18.	SAIL, Durgapur Steel Plant , Durgapur	Shri Kesri Manager, (Alternate)
19.	SAIL, Rourkela Steel Plant, , Rourkela	Shri C.P. Sharma
20.	Tata Motors , Jamshedpur	Manager (Alternate)
21.	TATA Refractories Ltd; , Orissa	Shri P.K. Patel Shri S. Thyagaraj (Alternate)
22.	Tata Steel Ltd , Jamshedpur	Nomination Awaited
23.	The Wesman Engg Company Ltd , Kolkata	Shri Prasant Saha Shri Amit Chaudhuri (Alternate)

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 S K Sharma

Sl. No.	Name of the organisation	Represented by
1.	National Mineral Development Corporation, Hyderabad	Shri S K Sharma Shri Vibhuti Roshan (Alternate)
2.	Agni Steels Pvt. Ltd., Perundurai	Shri A.Rajasekaran
3.	Bhusan Steel & Strips Ltd, Dhenkanal, Orissa	Shri R. D. Singh
4.	Central Fuel Research Institute ,Distt Dhanbad	Dr. T. Gouricharan Shri Manish Kumar (Alternate)
5.	Essar Steels, Hazira, Surat	Shri Aslam Khan Shri J. Makvana (Alternate)
6.	Jindal Steel & Power Ltd., Raigarh	Shri Vivek Garg Shri Mahendra Kumar Payasi (Alternate)
7.	Jai Balaji Group, Kolkata	Shri D. Sahoo
8.	JSW Steel Ltd, Karnataka	Shri V. R. Sekhar Shri Prachethan Kumar (Alternate)
9.	M.N. Dastur & Company Ltd., Kolkata	Shri Adhip Sengupta Ms. Aditi Tarafdar (Alternate)
10.	Mecon Ltd., Ranchi	Shri A.K. Agarwal Shri S.K.Bage (Alternate)
11.	Ministry of Steel, New Delhi	Shri A.C.R. Das Shri S.K. Bhatnagar (Alternate)
12.	Monnet Ispat Ltd., New Delhi	Shri Sandeep Jojodia Shri Amitabh Sharma (Alternate)
13.	National Metallurgical laboratory, Jamshedpur	Dr.D.Bandopadhyay Dr. J. Pal (Alternate)
14.	National Mineral Development Corporation, Hyderabad	Shri S. K. Sharma Shri Vibhuti Roshan (Alternate)
15.	SAIL, RDCIS, Ranchi	Dr. B.B. Agrawal Shri Amitava Paul (Alternate)
16.	Sponge Iron Manufacturer's Association, New Delhi	Shri D. Kashiva
17.	Tata Sponge Iron Ltd., Dist. Keonjhar	Shri M.K.Sheshadri
18.	Usha Martin, Jamshedpur	Shri Anjan Dey Shri Ranjit Choudhary (Alternate)
19.	Welspun Maxsteel Ltd., Distt. Raigad	Dr. S.K.S. Yadav

20.	All India Induction Furnace Association, New Delhi	Shri Kamal Agarwal Shri Ashok Garg (Alternate)
21.	National Institute of Secondary Steel Technology, Mandigobindgarh /Kolkata	Shri R. K. Bagchi Debashish Chatterjee (Alternate)
22.	Institute of Mineral & Material Technology , Bhubneshwar	Dr S.K.Singh
23.	Banaras Hindu University, Varanasi	Shri O.P.Sinha Dr G.S.Mahobia (Alternate)

Composition of Nanotechnologies Sectional Committee, MTD 33

Scope: Standardization in the field of nanotechnologies

CHAIRMAN: Dr D K Aswal

Sl. No.	Name of the organisation	Represented by
1.	National Physical Laboratory, New Delhi	Dr V.N. Ojha
2.	Bhabha Atomic Research Centre, Mumbai	Dr D. Srivastava
3.	Defence Metallurgical Research Lab., Hyderabad	Dr P. Ghosal Dr S.S.Kalyan Kamal (Alternate)
4.	Deptt. Of Biotechnology, New Delhi	Dr R.R. Sinha Dr. D.K. Tiwari (Alternate)
5.	Ministry of Electronics and information Technology,(MIETY),New Delhi	Shri Arvind Kumar Smt Sunita Verma (Alternate) Dr Sangeeta Semwal (Alternate)
6.	Indian Institute of Science, Bangalore	Prof Rudra Pratap Prof. N. Ravi Shankar (Alternate)
7.	Indian Institute of Technology, Roorkee	Dr R K Dutta Dr Kaushik Pai (Alternate)
8.	Indira Gandhi Centre for Atomic Research, Kalpakkam	Dr M Kamruddin
9.	Indian Council for Medical Research, New Delhi	Dr Geeta Jotwani Dr. Vijay Kumar (Alternate)
10.	Indian Institute of Technology, Delhi	Dr G. Vijayaprakash Dr. B.R. Mehta (Alternate)
11.	Indian Institute of Technology, Kanpur	Prof Sri Sivakumar
12.	Indian Institute of Technology, Madras Chennai	Dr Inakshi Bhattacharya Prof Nandita Dasgupta (Alternate)
13.	Indian Institute of Technology, Mumbai	Prof Souvik Mahapatra Prof Ajit R Kulkarni (Alternate) Prof Amartya Mukhopadhyay(Alternate) Prof Subhabrata Dhar (Alternate)
14.	Indian Institute of Toxicology Research, Lucknow	Dr D.Kar. Chowdhuri
15.	International Advance Research Centre for Powder Metallurgy & New Materials, Hyderabad	Dr. P.K.Jain
16.	Materials Division, NPL,	Dr R.B. Mathur

	New Delhi	Dr.D.Haranath (Alternate) Dr. Vijay Kumar Toutam (Alternate)
17.	Materials Characteri- zation Division, NPL New Delhi	Dr.R.P.Pant
18.	Ministry of Science and Technology, New Delhi	Dr Praveen Asthana
19.	Nuclear Fuel Complex, Hyderabad	Dr Komal Kapoor Shri S.V. Ramana Rao (Alternate)
20.	Solid State Physics Laboratory, New Delhi	Shri J.S. Rawat Dr Mamta Khaneja (Alternate)
21.	National Chemical Laboratory, Pune	Dr B.L.V. Prasad Dr Pankaj Poddar (Alternate)
22.	Resil Chemicals Pvt. Ltd. Bangalore	Shri Ganesh Srinivasan
23.	Tata Chemicals Ltd. - Innovation Centre, Pune	Dr Anand Gole
24.	Hindustan Electrographite Ltd., Bhopal	Shri Rakesh Shrivastava
25.	The Energy and Resources Institute (TERI), New Delhi	Dr Mandira Kochar Dr Braj Raj Singh (Alternate)

Composition of Method of Chemical Analysis of Metals, MTD 34

Scope: Standardization in the field of chemical/ instrumental analysis of ferrous, non-ferrous metals, ores and raw materials

CHAIRMAN: Dr L Durai

Sl. No.	Name of the organisation	Represented by
1.	DMRL, Hyderabad	Dr L Durai
2.	Bhabha Atomic Research Centre, Mumbai	MS. Sanjukta A. Kumar Shri M.V. Rane (Alternate)
3.	Defence Metallurgical Research Lab, Hyderabad	Shri S.S. Kalyan Kamal
4.	SAIL, R&D Centre for Iron and steel, Ranchi	Dr. K. Ravi Dr. P. Saravanan (Alternate)
5.	National Metallurgical Lab, Jamshedpur	Dr. (Mrs) Sanchita Chakravary Dr. Ashok K. Mohanty (Alternate)
6.	National Test House.	Dr. S.K. Kulshrestha Dr (Mrs) M. Mishra (Alternate)
7.	Ministry of Defence (DGQA), Controllerate of quality assurance (Metals)	Shri Jana Bhattacharya roy Shri. D Khapekar (Alternate)
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.	Essar Steel, Gujarat	Shri Manoj Gupta Shri Kirit Tailor (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.	Dr. R. Krishnamoorthy Dr. Mahabir Singh (alternate)
14.	Jawaharlal Nehru Aluminium Research Development and Design Centre, Nagpur	Dr. Suresh Puttेशwar Dr. Upendra Singh (Alternate)
15.	Jindal Steel, Karnataka	Nomination Awaited
16.	Mishra Dhatu Nigam Ltd	Shri P.Mukhopadhyay

