



RATA™
Since 1949

The Refrigeration & Air Conditioning Trades Association Ltd.
110, Unique Industrial Estate. 1 st Floor Bombay Dyeing Compound.
Off Veer Savarkar Marg, Prabhadevi . Mumbai 400 025
Tel : 022 24381140 Email : info@rataindia.com
Website : www.rataindia.com

Rata - Newsletter

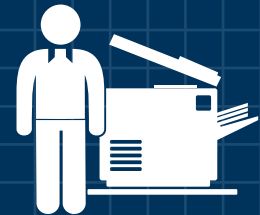
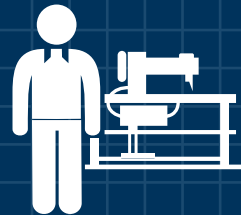
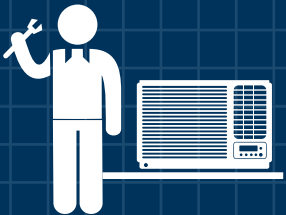
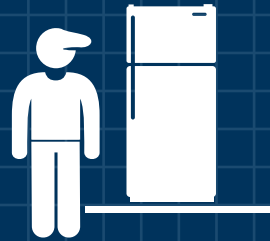
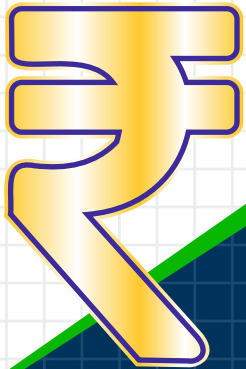
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(For Private Circulation Only)

MSME

MICRO, SMALL & MEDIUM ENTERPRISES

The road ahead



Compressors
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Trusted brands + Our expertise = Your peace of mind

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Overview Of RATA

The Refrigeration & Air-Conditioning Trades Association Ltd. (RATA) is one of the oldest association working for the development of Air-Conditioning & Refrigeration industry in India. Established in the year 1949, the association brings together people from the entire industry and gives them a central forum to help them accomplish their common goal of making progress and achieving success.

To bring this vision to reality, RATA with its base of ethics and a strong code of conduct, actively and responsibly helps its members to grow and has also encouraged new entries for the expansion and betterment of the industry.

RATA believes in providing a platform to its members to showcase their offerings which in turn will promote internal as well as external trade. In this constantly evolving industry and changing market trends, the association contributes towards the promotion and an overall development of its members and the industry by encompassing companies and traders to organize promotional, educative and informative events.

Details of Committee Members of Year 2017-2020

Name Of Member	Name Of Company	Post
Mr. Ajit Panicker	Nova HVAC Systems (India) Pvt Ltd	Hon. President
Mr. Mihir Sanghavi	Auro Engineering Company	Hon. Secretary
Mr. Jasprit Singh	H. J. International	Hon. Jt. Secretary
Mr. Akash Varma	Ishwar Trading	Hon. Treasurer
Mr. Parasmal Sirohia	Cruise Appliances (I) Pvt Ltd	Immediate Past President
Mr. Pankaj Choria	Boulton Trading Corporation	Committee Member
Mr. Hitendra Morakia	Industrial Metals	Committee Member
Mr. Pritesh Shah	Filko Engineering Co	Committee Member
Mr. Harshal Padia	T J Controls	Committee Member
Mr. Nasir Khan	Airofrost HVAC Systems Pvt Ltd	Committee Member
Mrs Subha Prasannan	Anshutech Airconditioning Pvt Ltd	Committee Member
Mr Rajendra Joshi	Arkk Consulting	Committee Member
Mr Amod Dikshit	Dikshit Consultants & Engineers Pvt Ltd	Committee Member
Mr. Jasprit Singh Saini	Dasmesh Airconditioning Engineers Pvt. Ltd.	Action Committee
Mr Bhavesh Mehta	Mr Bhavesh Mehta	Action Committee
Mr Harshal Ganjawalla	Ganjawala Fabripro Pvt Ltd	Action Committee
Mr Parth Thakkar	Polfrost Air-Con Pvt Ltd	Action Committee
Mr Shawn Rebello	Aircare Technologies India Pvt Ltd	Action Committee

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Edited & Compiled: Ajit Panicker, President RATA, ap@novainitiative.com

Administrative Support : Ms Rinal Vira, info@rataindia.com

Circulation: Monthly to every member randomly every quarter to non members reaching over 5000+ small and medium enterprises in the field of airconditioning and refrigeration.

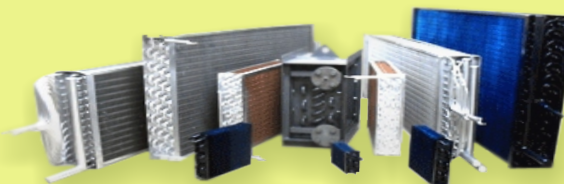
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MSME The Road Ahead

Source: CII

India is home to more than 50 million Micro, Small & Medium Enterprises (MSMEs), which represent diverse types of business, and are spread across the length and breadth of the country. MSMEs play a significant role in the Indian economy, as they account for about 45% of the total manufacturing output and 40% of the exports from the country. Their development is extremely critical to meet the national imperatives of financial inclusion and generation of significant levels of employment across urban, rural and rural areas, to catalyze socio-economic transformation. MSMEs can be the backbone for existing as well as future high growth businesses as both domestic and foreign companies invest in the 'Make in India' initiative and make a significant impact on indigenization. 'Make in India with zero defect and zero effect', is a significant opportunity. It can nurture and support the development of new age entrepreneurs who have the potential to create globally-competitive businesses from India. The 'Digital India' revolution also provides good scope to promote MSME participation in the Information, Communication and Telecommunication (ICT) sector, in line with the Government's vision. It is important that MSMEs develop in all areas of agriculture, manufacturing and services, because each of these sectors will continue to be very relevant to overall GDP growth as well as to employment generation. The development of new wave MSMEs requires a business ecosystem that enables and continuously supports businesses that are gearing to deliver the right product, the right quality, the right solution and the right service at a competitive price, both in domestic and international markets. It will require significant changes in philosophy and approach to develop and deliver such an ecosystem, which enables MSMEs to seize the emerging domestic and global opportunities. Removing hindrances and hurdles in doing business will unleash young and dynamic entrepreneurial talent in India, who would make self-entrepreneurship their first career choice and develop growth companies. The development of a robust MSME sector will require efforts by the Government to bring the various stakeholders, such as equity funds, banks and financial institutions, industry majors and MNCs, regulators across various ministries at the Center and in the States, and trade associations and global economies having trade flows with India, together, to create a forward-looking framework and ecosystem.

Key Policy Issues Impacting MSMEs in India

To ensure that the MSMEs are able to grow in tandem with the economy in this age of increasing globalization, it is essential to resolve the issues faced by most of them. Despite the sector's strategic importance for industrialization and employment generation, as well as the opportunities that the Indian landscape presents, MSMEs in India face several challenges. Technological obsolescence and financing problems have been associated with the sector for a long time. Also, constraints such as high cost of credit, low access to new technology, poor adaptability to changing trends, lack of access to international markets, lack of skilled manpower, inadequate infrastructure facilities, including power, water, roads etc., as well as regulatory issues related to taxation, labor laws and environmental issues are hampering the growth of Indian MSMEs.

Public Procurement Policy and Market Linkages

With the objective of promoting growth and development of Indian MSMEs by improving their market access and linkages, the Ministry of MSME notified the implementation of the Public Procurement Policy for Micro and Small Enterprises from 1 April, 2012. The policy, which is mandatory as notified under the MSMED Act 2006, calls for achieving an overall procurement of minimum 20% of the total annual purchases of products manufactured / services rendered by MSMEs within a period of three years by central ministries, government departments and public sector undertakings (PSU). From 1 April, 2015, the policy has also earmarked a sub target of 4% out of the 20% notified for procurement of goods and services from MSMEs owned by SC/ST entrepreneurs. The public procurement policy for MSMEs has the potential to provide a significant impetus to this sector without compromising on transparency and cost-effectiveness. If implemented in full essence, it has the potential to substantially remove one of the key constraints faced by MSMEs, access to markets. Despite the enormous potential, there is limited availability of reliable and comprehensive statistical data on the public procurement market size, especially in case of emerging economies. Effective implementation of the policy requires a significant build-up of knowledge and institutional capacity to address the ever-growing challenges of public procurement for MSMEs, central public sector enterprises (CPSE) and other concerned stakeholders. Awareness amongst MSMEs about the requirements of large enterprises, vendor development initiatives by large companies, institutional changes, and a monitoring mechanism by Government, are some of the prerequisites for this policy to have a desired impact.

CII Recommendations

- Implementation of robust monitoring mechanism.
- Launch of State-level public procurement policies for expanding the coverage of public procurement from MSMEs.
- Creation of a central repository of information on MSMEs manufacturing various products across the country.
- Abolition of empanelment and enrolment fee. Earnest money deposit exemptions must be strictly implemented for procurement orders to MSMEs
- Effective monitoring and implementation of schemes like the Market Development Assistance (MDA) scheme
- Facilitation of international delegation visits, trade fair participation, etc.
- Grant of subsidy of up to 3% of their previous year's turnover or 20% of tax paid, subject to a ceiling, on actual cost basis, to MSMEs for participation in trade fairs, business delegations and exhibitions in India or abroad.

MSME The Road Ahead

Source: CII

- Extension of the MDA scheme to service sector MSMEs

Ease of doing business

India has been doing poorly on the World Bank ranking of doing business, though it is registering consistent improvement. With a rank of 130 among 190 countries in the World Bank Doing Business Report for 2017, India is aiming to enter the top 50 in next three years. MSMEs are more likely to flourish in a climate where they are not overburdened by taxes and regulations. In spite of the spate of economic reforms launched recently, MSMEs in India are still hampered by a number of complicated business regulations and compliances, crippling growth potential. A series of reforms to improve the ease of doing business in India have culminated in the present positive outlook for Indian businesses. These reforms span a diverse range of areas such as incorporation of a company, approvals and clearances, procedures related to exports and imports, labour laws, industrial licenses, exiting business, etc. and bear testimony to the Government's proclivity to bolster the performance of the Indian economy.

CII Recommendations

- Linkages between various regulatory bodies such as tax department, customs, excise, etc. for data-sharing.
- An effective time-bound dispute resolution mechanism with fair purchase order / contract conditions.
- Single window systems for online submission of all reports, filing of returns and self audits and certifications for firms paying a certain threshold amount as tax revenue
- Exemption from collection and deposition of service tax for service sector MSMEs with turnover up to Rs. 50 Lakhs and increase in the limit of deposition to Rs. 2 crores.

Access to Credit and Finance

Finance is critical for the growth and development of MSMEs. These companies primarily rely on bank finance for their operations. As such, ensuring timely and adequate flow of credit to the sector has been an overriding public policy objective. Delayed payments adversely affect the recycling of funds and the cost of operations for MSMEs by worsening their capital shortage and liquidity problems. Sometimes, this even results in bankruptcy or shut down of firms facing the squeeze effect of limited access to capital combined with unwillingness to offend their customers.

CII Recommendations

- Comprehensive data needs to be made available to financial institutions to enable them to offer MSMEs easier access to credit
- The classification of NPAs to be extended to 120 days from the present 90 days with a special dispensation for 30 extra days for MSMEs.
- Issuance of debt restructuring norms by the RBI for MSMEs
- NBFCs should be drawn into the formal banking structure for credit expansion for MSMEs
- Evolution of MSME-specific rating mechanisms to assess their credit-worthiness.

Infrastructure

Lack of adequate infrastructural facilities at affordable rates is a key growth constraint for Indian MSMEs. The creation of land banks will facilitate the smooth allocation of land to start-ups and micro enterprises. Moreover, the allocation of land in industrial corridors at lenient rates will level the playing field for MSMEs. A rental-cum-ownership plug and play model will protect MSMEs from incurring large loans and servicing burdens in the initial years. The appointment of an Officer on Special Duty (OSD) will further enhance the availability of infrastructure by demystifying the various procedural requirements involved in acquiring land.

CII Recommendations

- Land and minimum-sized sheds in industrial estates / areas should be allotted on a rental-cum-ownership basis, at a reasonable rent for the initial 7 years, with a one-time option for the firm to buy the land / shed at inflation-indexed cost, conditional on the unit being in production.
- 25% of the land available in industrial corridors must be allocated to MSMEs at lenient rates.
- Incubation cells and hubs within cluster need to be set up in collaboration with academia / regional institutions.
- Appointment of Officers on Special Duty (OSD) to assist MSMEs with procedural formalities for land acquisition
- Implementation of the proposed amendments to the Land Acquisition Act, 1897

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MSME Event Hyderabad

Date: 26th July, 2018

RATA HYDERABAD organised a event on MSME Registration and its importance on 26th July, 2018 at MSME Campus, Balanagar, Hyderabad the same was supported by ISHRAE & ASHRAE Deccan Chapter. The event was attended by 60 trade members. Speakers from MSME department gave insight on the benefits and procedure for MSME registration. RATA National Chair Mr Pasmal Sirohia also attended the same. The event was successful with members getting fruitful information for betterment of their business.



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Type: MPP (SH)

Range (IS 1709) : 0.8mfd to 4mfd

Range (IS 2993) : 4mfd to 60mfd

Range (IS 1569) : 4mfd to 42mfd

Safety Class : S0, S1, S2, S3

Life Rating :
• Class A (30000hrs),
• Class B (10000hrs),
• Class C (3000hrs),
• Class D (1000hrs)

Body Type :
• PP (Cylindrical / Square)
• Aluminium (Cylindrical)

Termination Type :
• Pin type (L type / U type) /
• Wire type (Insulated multi
stranded)

Application :
• Fan Motor
• Motor RUN / START
• Refrigerator
• Air conditioner
• Conventional lighting



WORLDTEK S3 (BURST PROOF) capacitor is an innovation in capacitor technology to Safeguard your electrical equipments and its surroundings,

A trusted name with various Original Equipment Manufacturer's now launches **S3** (Burst Proof) capacitors. An innovation towards safety. Worldtek S3 capacitor incorporates latest segmented film technology.

Capacitor is an essential part of any air conditioner, refrigerator, deep freezer, motor etc. It's a very small component but without it none of the above can start or run either. In short it's a very important part of the whole circuit. A capacitor is made up of an electrode (conductor) and a dielectric (insulator). Modern day capacitors are made up of polypropylene film (dielectric) and metal vapour sprayed over it (electrode). It is also known as metallised polypropylene capacitor or a MPP capacitor. These type of capacitors have self- healing property as a feature. This means that during a high voltage cycle or due to any spike etc. a puncture in the polypropylene (PP) film occurs but the capacitor heals on its own with some loss in its value after every self-healing (puncture).

In modern day times with increasing use of thyristorised drives in day to day lives, the electric supply that we are receiving from electricity board is increasingly having heavy harmonics leading to catastrophic failure of active components (such as capacitors) in the short circuit mode leading to fire hazard.

About metallised polypropylene capacitors, the technology has improved drastically thus leading to reliable capacitors. But still these capacitors have catastrophic failure leading to melting of dielectric & thus causing a fire hazard. If the capacitors are used in say domestic equipments like air conditioners etc. then a failure of capacitor in short circuit mode can easily lead to a fire hazard. In order to safeguard from such run away conditions in the application of the capacitors, Safe capacitors were created by using Fire Resistant Canisters (S1), Mechanized design of safe capacitors (S2), These type of capacitors use costly raw material and are not cost effective in giving protection to the application. Also these designs are not 100% safe.

New design (latest technology) capacitors use Pattern metallised Film where miniature fuses are incorporated during the metallisation process. This pattern metallised film is used in manufacture of capacitors leading to failure in open circuit only. This technology is such that one does not have to use costly raw material of S1 & S2 type capacitors & also this technology is more guaranteed to be safe than other designs.



True image of segmented film(MPP)



Pattern Film Segmented + T Margin



**Various application for
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