



INDE ELECTRICALS

Mfg. of : M F & H F CAPACITORS

Medium Frequency

Water Cooled Capacitors

are designed for use in
induction heating
and Melting Furnace,
Billet Heating, Forging
and Induction
Heating Equipment.



indeelectricals@gmail.com

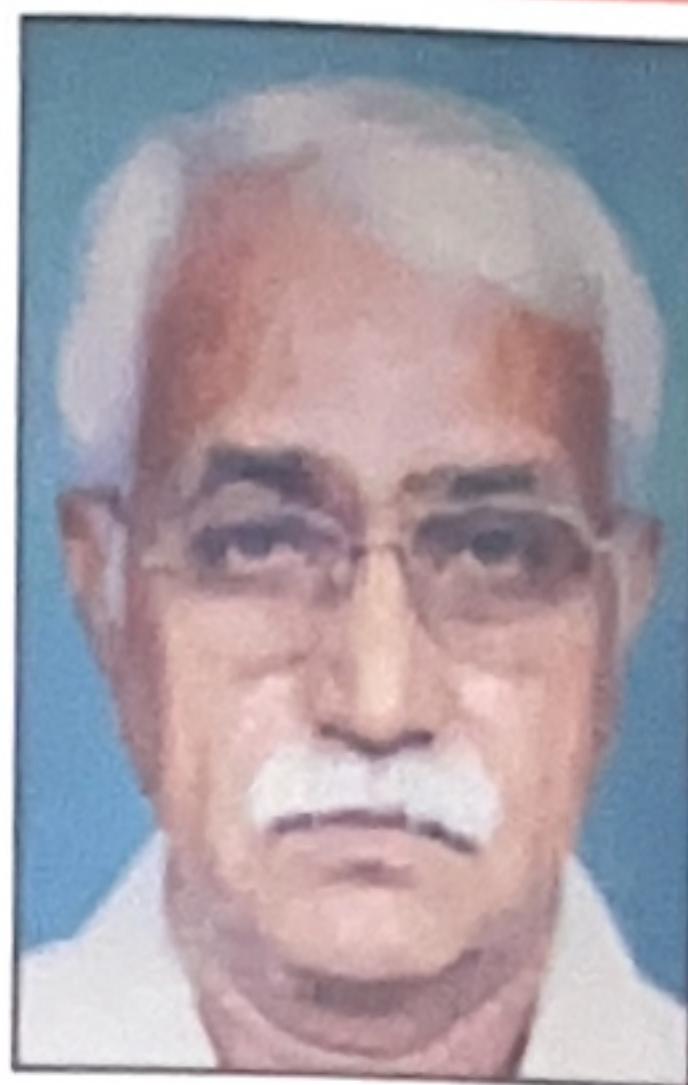
OUR PRODUCTS

- M F CAPACITORS
- H F CAPACITORS
- H V CAPACITORS
- HEATING CAPACITORS
- D.C. CAPACITORS

PROMOTERS



Inde Electricals is being spearheaded by **Ms. Prabha Onkar Dayama** with her motivational approach and never say die attitude, which have been her characteristic traits all through her career as an educationist. She has to her support a strong technical team which is a combination of experience and youthful energy.

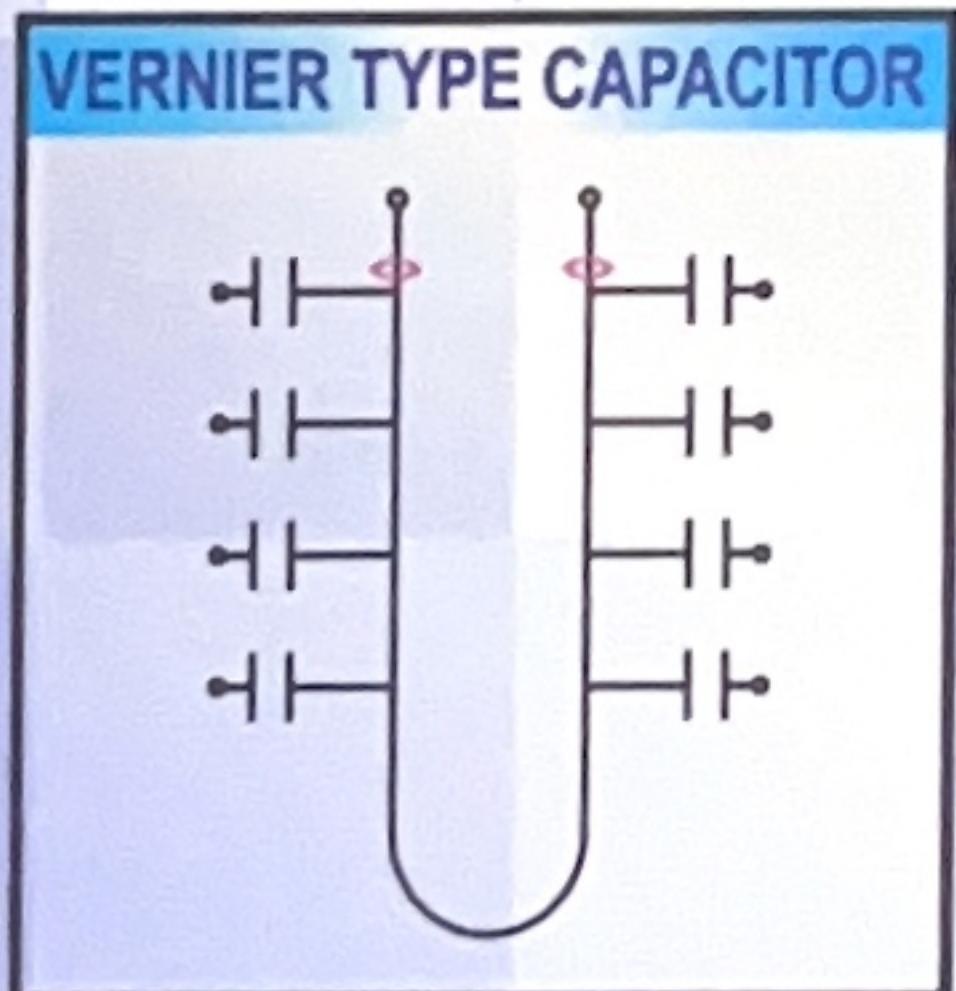
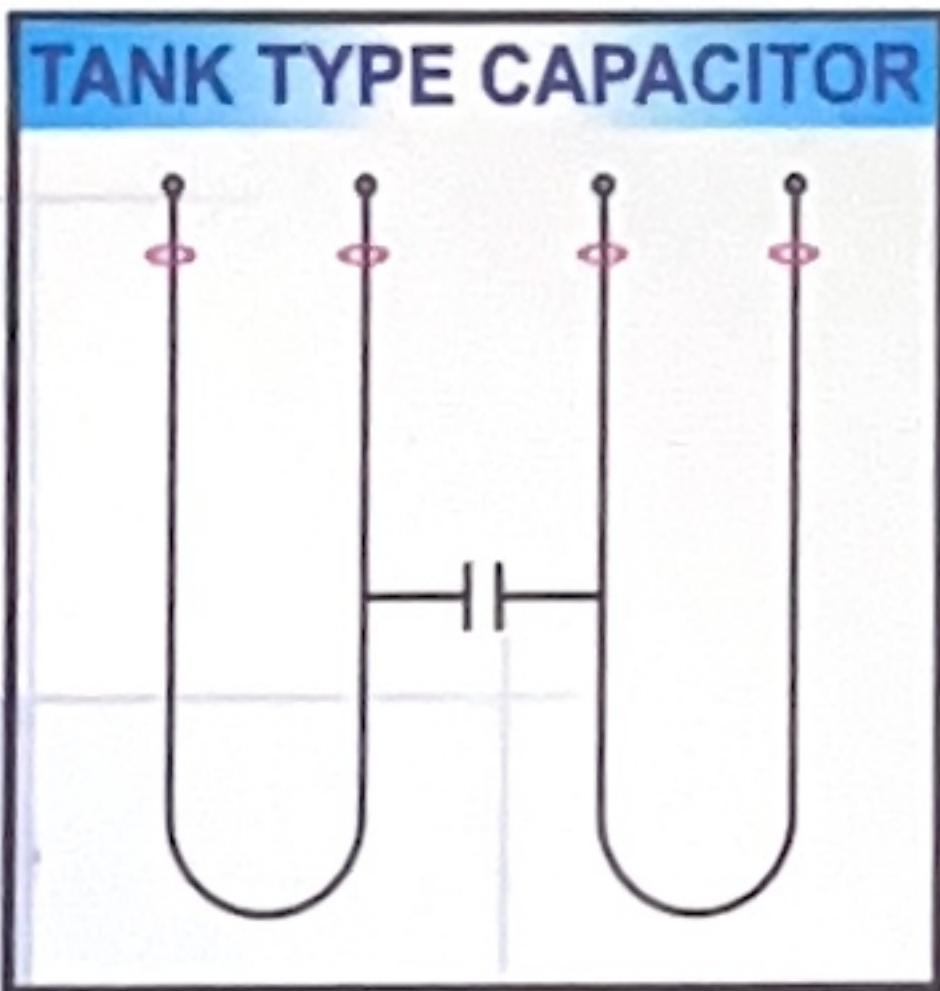


Mr. Onkar S Dayama is the guiding light of the project. He is an Engineering graduate from NIT Surat and has been associated with Transformer and Capacitor Industry for almost 35 years in senior positions and has continued his association in this field by floating his own capacitor repair company in the name of Inde Engineering.

Mr. Shrikant Sharma Engineering graduate from Jodhpur University having 26 years of experience in various industries including completion of three projects in cement asbestos industry and an overseas working experience.

We are a team of technocrats with vast experience in design, manufacturing process and utilization of capacitors and transformers. We have commenced production of Medium and High frequency water cooled furnace duty capacitors at our Vatwa, Ahmedabad works. All capacitors are subjected to stringent in-process checks during production and all the relevant tests. Reference IS - 9251.

LIST OF CAPACITOR RATINGS AVAILABLE AT SHORT NOTICE



VOLTS	FREQUENCY	MFD	AMP	KVAR
4000	700	125	2198	8800
3000	700	137	1807	5450
2500	700	178	1956	4890
2000	600	262	1974	3950
1800	1200	176	2390	4300
1500	3000	48	1356	2035
2500	3000	48	2261	5652
1500	1000	212	2000	3000
900	3000	120	2035	1830
2000	600	218	1650	3300

Capacitor in Induction Furnace is like a wheel in an automobile without which there can be no motion possible. Without capacitor no Heating / Melting is possible.

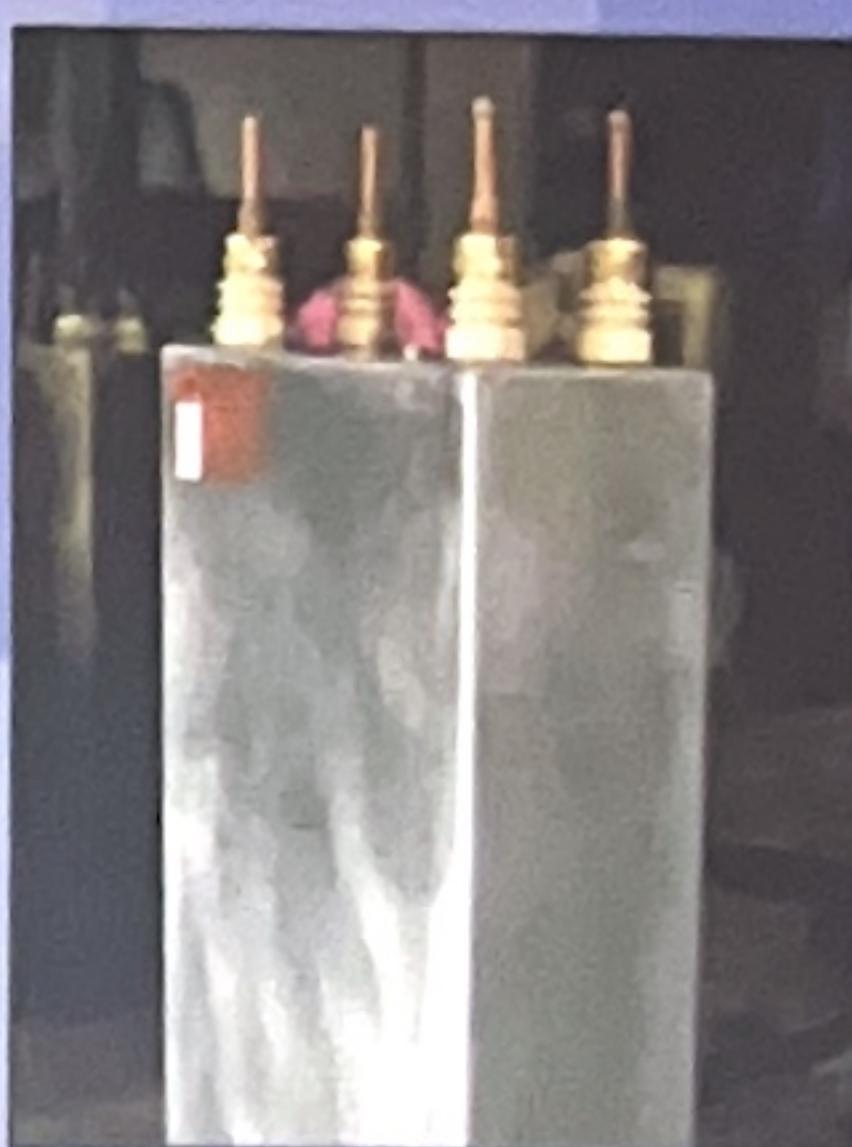




For over 25 years we have supplied our High Voltage Medium Frequency and High Frequency Capacitors to different Customers. **INDE** has incorporated latest international design factors to bring its' Capacitors at par with world's best products.

Capacitor is a key component of the induction furnace and the multiple installations of capacitors are required for each furnace for efficient working and environment friendly behavior.

Capacitor is a non-rotating electrical machine which acts as a Capacitor, Resistor and a Inductor, as the case arises.



The share of Induction furnaces in total steel production in India has steadily grown from 2% in 1990s to around 32% in 2015. As per Business Wire Dublin : *"The induction furnace market in India will grow at a CAGR of 6.24% during 2014-2019"*.

At present there are 1300 Induction Furnace steel manufacturing plants in India as registered with AIIFA (All India Induction Furnace Association), with approx 13000 induction furnaces installed.

India is the third largest producer of steel and is poised to become the second largest producer of steel in world within next ten years as per industry projections and market research. Per capita consumption of steel in India is at 59 kgs. Now whereas world average is 214 kgs. With a boost given to the infrastructure sector the projected growth rate of industry is 7% in the next 10 years.

OUR CLIENT LIST

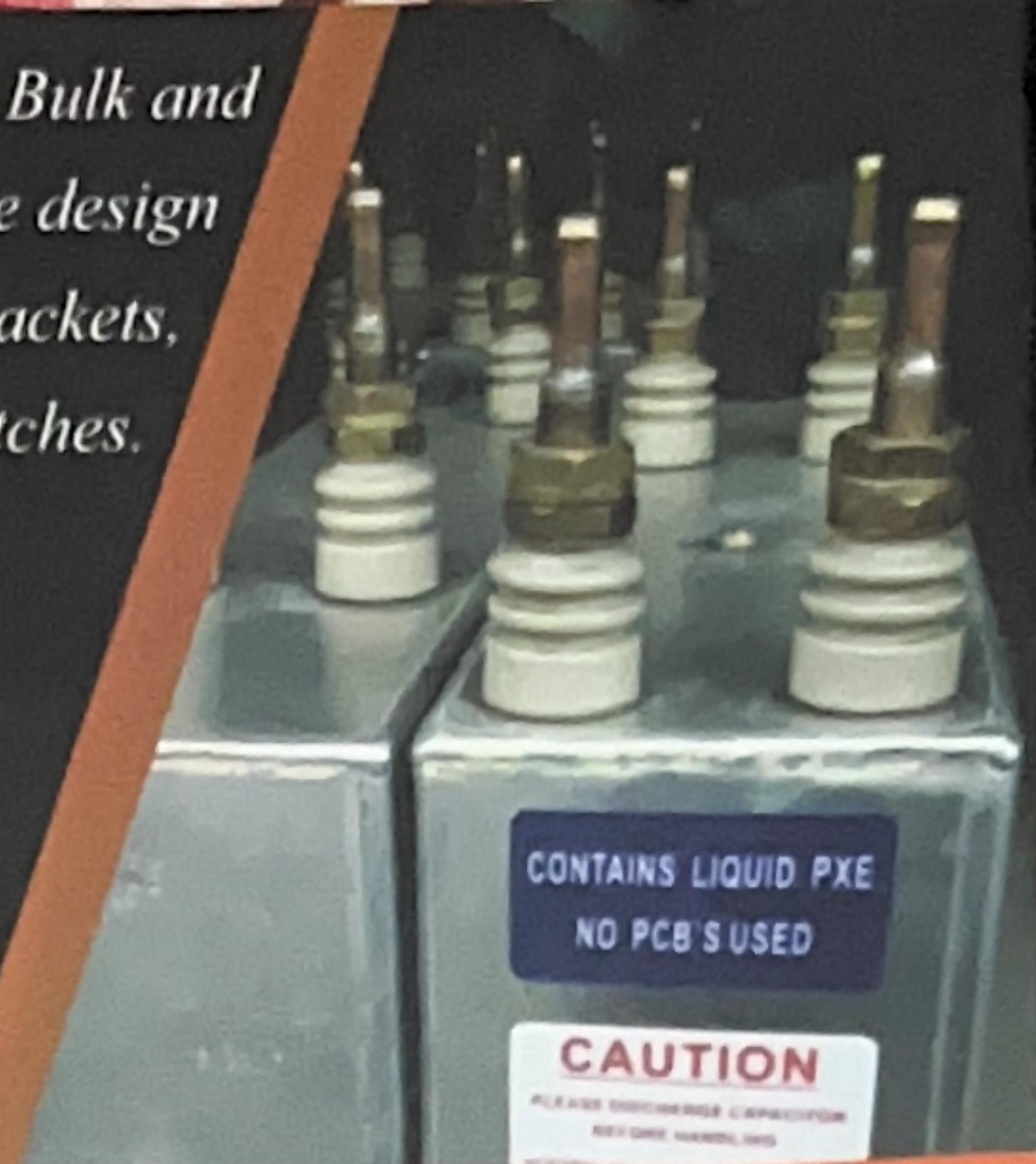
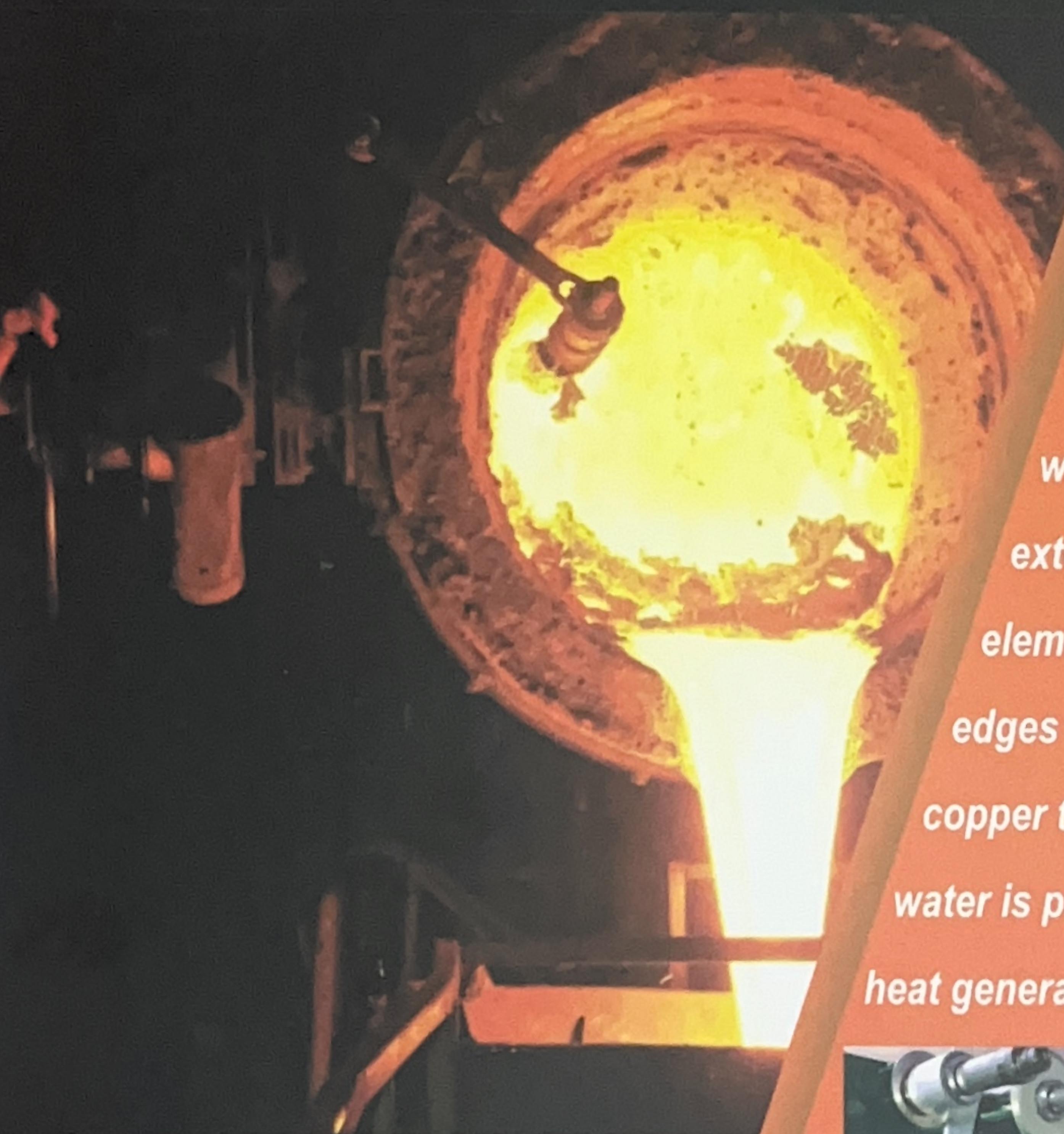
1. NATIONAL CAST IRON PRODUCT FACTORY- JEDDAH (SAUDI ARABIA)
2. AGNI ELECTRICAL - GUJARAT (INDIA)
3. STERLITE TECHNOLOGIES LIMITED - MAHARASHTRA (INDIA)
4. INDO POWER ENGINEERS - GUJARAT (INDIA)
5. CHARBUJA ISPAT (IND.) PVT.LTD. - RAJASHTAN (INDIA)
6. DINA METALS LIMITED - BIHAR (INDIA)
7. ALOKIK STEELS PVT LTD. - RAJASHTAN (INDIA)
8. GUJARAT TECHNOCASTING PVT. LTD. - GUJARAT (INDIA)
9. PATNAIK STEEL & ALLOYS PVT. LTD. - ODISHA (INDIA)
10. VEDANTA COPPER EXTRUSION PVT. LTD - GUJARAT (INDIA)



Induction Heating and Melting Capacitors are available in Bulk and Vernier designs, live and isolated case, depending upon the design frequency. Capacitors are designed with and without brackets, with and without pressure switches.

FEATURES & BENEFITS

- Designed for use in AC tank circuits or specialty DC filter circuits.
- All-film or metallized film dielectric.
- Tin-plated, copper studs rated for up to 300Amps continuous.
- Electrical grade ceramic bushings for indoor application.
- Long life, 20-year nominal life, Low loss, less than 0.2 watts per KVAr up to 5 kHz; less than 0.3 watts per KVAr up to 50 kHz



M F Water Cooled

Capacitors Low loss with high dielectric strength.
They are constructed from the Polypropylene and/or Paper with Foil. After winding the extended foil capacitor elements, one edge or both edges are soldered to a tinned copper tube, through which water is passed to dissipate the heat generated in the capacitor.



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Inde Electricals

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www.kapacitors.com

Manufacturing facility utilizes state of the art winding machines located in a clean room environment. That combined with our carefully controlled assembly process and fluid fill process provides for one of the highest qualities and longest life products available in the industry.

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