



The parent Company -- Fire, Gas & Kiln (India) Pvt. Ltd. formed in 1978 and was engaged in manufacturing for all kinds of furnace except Later on in 1991, FGK Thermal Pvt. Ltd. was furnaces in Electronic, Glass & Ceramic is headed by Mr. A. Dasgupta, Managing design, manufacturing, installation and furnaces and kilns for about 40 years and is Before initiating entrepreneurships, Mr. with an Indo-German Company in India.



Arc and Induction Melting Furnace. formed to specially take care of Industries. Since then the Company Director, who has experience in commissioning of various types of well known engineer in this field. Dasgupta was in senior position

Our manufacturing programme includes different types of Electrically Heated & Oil / Gas / Petcoke Fired Furnaces as per the following classifications :-

For Electronic Industries --Exhaust Oven, Baking Lehr, Frit Seal Lehr, Panel Baking and Stabilising Lehr, Blackening Furnace, Hydrogen Furnace for B & W and Colour Picture Tube and their parts.

For Glass Industries --Annealing Lehrs, Decorating Lehrs, Glass Bending Lehr and Mould Drying Oven for TV Glass Shell, Container Glass, Bulbs & Sheet Glass.

For Ceramic Industries --Pushbat Kiln, Tunnel Kilns, Roller Hearth Kilns, Shuttle Kilns, Chamber Kilns, Bell Kilns and Dryers for Refractories, Ceramic Tiles, Sanitarywares, Crockerries, Insulators and Special & Technical Ceramics.

We are the only Indian Manufacturer to manufacture ovens and lehrs for T.V Picture Tubes, both Black & White and Colour. We are also the only company in India to manufacture Kilns upto 1800°C. Besides construction of Kilns with our own technology we had constructed High temperature Kilns for Customers like Tata Refractories Ltd., M/s IFGL Refractory Ltd. etc. under licensee from World Giant M/s. Kerabedarf Keramik Engineering GmbH, Germany. We have also manufactured 4 nos. Annealing Furnaces (Lehrs) for Colour TV Glass Shell for the first time in India under licensee from Thermeq , U.S.A. We are one of the first company to build one of the longest kiln in the world --- 180 M long Tunnel Kiln for Silica Bricks under Technical Know-How from Riedhammer, Germany. With the solid fuel conveying technology from Beralmar, Spain and combustion technology of ours, we have successfully commissioned a Tunnel Kiln of 1700°C with Petcoke Firing. We are the only company in India to manufacture Rebaking Tunnel Kiln for Graphite Electrodes. We have already commissioned 3 Tunnel Kilns at Hindusthan Electro Graphite (HEG) , Bhopal & 2 Tunnel Kiln at Graphite India Ltd (GIL),Durgapur. Moreover, we are the first company in the country to develop critical fully automatic multi pusher type furnace of 1800°C with hydrozen atmosphere for Sintering Nuclear Fuels for Department of Atomic Energy.

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