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Address	H.M.ELECTRICALS BHAGWAN PATIL COMPOUND SONARPADA 421204 DOMBIVLI MAHARASHTRA STATE
Country	India

PRODUCTS OR MACHINERY

ALL TYPES OF INDUSTRIAL HEATERS, OVENS & HEATING SYSTEMS, FURNACES, DESIGN, SUPPLY, INSTALLATION & SERVICING, P.W.D. LICENSED ELECTRICAL CONTRACTOR NO. 15881.

INFRA RED HEATER

These heaters are made out of fused silica glass tubes or incolloy tubes, high grade Kanthal or Nickrothal wire elements and nonmagnetic terminals, heat resistant supports and high polished aluminium reflectors.

The radiation means energy transfer by electromagnetic field. The wave length of infrared radiation extends from 750 nm to radio frequencies P. The infrared emitters work in the range of 500 nm to 7,500 nm P. Infra red emitters work in the long and medium wave section. Their use in non contact heating gives rapid energy transfer from emitter to the product with little or no effect on the intervening medium

These heaters have short reaction time i.e. instant heating (ON 10 Sec.) and cooling (OFF 2 Sec.) high intensity of heat reaction (30 Kw / m² watt density i.e. flux, & wave length is between 2.6 to 9.6 micro meter) almost all the materials show excellent absorption of radiation within this range; and there is residual heat in the heater it self

These heaters are used in paint drying, paper, textile, foil, film coating, stickers, ink & paint drying, curing latex & resins, Thermoforming, Lamination, embossing, food processing, food warming, ceramic drying and plastic processing, speed improvement of existing process, PVC paste curing, PVC shrinking, foot wear sole pasting, glue coating on paper, screen printing, offset printing machinery etc. these are also used for shrink fitting of bearings on shaft, degreasing, weld preheating, preheating glass for polishing, drying, sterilizing, roll heating, fast moving webs etc

Company Profile of **H.M.ELECTRICALS**

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