



INFRARED THERMOGRAPHY SERVICES

Early detection of short circuits, Prevent from Fire accidents, Ensure uptime at all levels, Improvement of Energy Efficiency and Establishment of Green Environment



SACHU TECHNOLOGIES

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SACHU TECHNOLOGIES offering Infrared Thermography services prides themselves in the world class Predictive & Preventive maintenance utilizing latest contemporary Flir & Fluke branded Infrared Thermal imaging Cameras which provides 320x240, 160x120 high resolution Thermographic images to ensure the best possible techniques used in the industry.

To prevent Fire Accidents and an Early detection of Short circuits(What is Thermography) means Extreme heat in any system components is indication of potential equipment failure. Overheating components can cause problems that can lead to expensive or even catastrophic failures resulting costly down time .How Reduce Down time and save huge money using Latest Infrared Thermal imaging camera can accurately measure the Temperature locate the anomalies that threaten Employee safety and reliability of your system components. By scheduling repairs before a failure occurs profitability, productivity, and work place safety are all increased. Utilizing an advanced fully radiometric infrared camera independent infrared testing services are provided by one and only by Sachu technologies at reasonable rates compare to any company in India.

Advantages:

- ➔ Safety increases, maximize maintenance efforts
- ➔ Avoid Losses, accidents, serious hotspots leads yet killing people, employees or public .
- ➔ Reduced Power consumption after Infrared Thermography Assessment at Your organization
- ➔ Reduced unexpected outage costs. Extend equipment life
- ➔ Prevent Loss production Increased production in industry.
- ➔ Save Energy costs ,Profit increase.
- ➔ Maintain 99.999% up time (or) availability power supply
- ➔ Green Environment Establishment.



Early detections of short circuit ,Fire accidents and Improvement of Energy Saving in Plant

- Electrical Panels, Power distribution systems, Transformers power input, out put terminals & bushings
- Switch yard 33KV/11 KV/440V including CT,PT, and Breakers
- Switchgear components, Control Panels ,MCC,PLC ,Main Incomer
- Substations,HRC Fuses ,Clips, Wall mounted disconnect switches ,Connecters
- Bus bar system, Bolted connections and Bus bar Trucking system
- Capacitor Banks , Battery Banks ,Diesel Generator input and output connections
- ELCB, Switches ,Isolators, Lift power cables , Generator power input and output terminals
- Contactors, MCB's, Circuit Breakers, ACB, VCB, MPCB , MCCB and LT Cables
- Broken/Undersized Wires, Energy meter input and output terminal
- UPS, Inverter, Loose and Poor connections, Unbalanced loads
- Bus Ducts and Cable Drops, Electrical Cabinets, Data Centers
- Thermography also useful in Mechanical, Motors, Building and other Segments
- Insulating testing of Reactors, Liquid level monitoring of Tank Levels, Furnace Tube coking
- Pipe Thinning, Deposits, Corrosion, Refractory, Insulation and steam systems, Sludge Levels , Exchanger Fouling and Heat Loss
- Testing of Reactor Insulation ,Non Contacting temperature measurement of Chemical reactions
- Testing of Power Generation stations and Utilities
- Thermovision Scanning for Overhead Transmission lines 11KV / 33KV / 66KV / 110KV / 220KV / 400K/765KV