ICEBERG INDUSTRIES

Operation & Maintenance Services

ICEBERG INDUSTRIES holds a unique position in the industry, for not only that we supply & install Air Conditioning & Refrigeration Systems but also carry out Operation & Maintenance of HVAC Equipment all over Pakistan.

Maintaining HVAC systems is critical to demonstrate. We are following the industry's "standard of care". We execute Maintenance, Repairs and Modifies a wide variety of HVACR equipment, operate and perform corrective Operation & Maintenance on air conditioning and refrigeration systems and related equipment in accordance with operations, safety and regulatory requirements, takes proper action on complaint.

Considering the Operation & Maintenance as utmost important matter to our valuable customers, we maintain the full fledged inventory of all spares ex stock, keep updating inventory of tools with high-tech cutting-edge tools to expedite and automate troubleshooting &foreigntrained teams of Engineers & Technicians who can reach on time and on site. The kinds of services we provide are

- * 24 Hours On-Call Troubleshooting
- 24 Hrs Operation & Maintenance services
- Monthly Inspection & Maintenance Visit
- Quarterly Inspection & Maintenance Visit
- Complete Annual Maintenance Services

To render the best of best services, we have the following latest tools available with us.

FLUE GAS ANALYZER

An electronic gas' components sensor

- Measure the components in flue gases e.g. CO2, CO & 02 etc. for analysis of chiller behavior as well as keeping the chiller; environment friendly machine.
- Precise adjustment of chiller burner ensuring the cost effective gas consumption.



ENDOSCOPY SET

A flexible type of video-scope that houses a very small embedded CCD (charge couple device) chip, video image is then relayed backto the display

- Examines internal conditions of chillers body without much cutting of chiller body and thus making the diagnostic step hassle free.
- Inspects heat transfer tubes of chiller up to any length for examination.



FILTRATION PLANT

- Filter out high contents of Copper and Iron from the chiller's Lithium Bromide solution.
- Particles of even 0.1 5m sizes can be filtered out improving the LiBr quality up to 80%.
- Portable, easy to mount and above all can be used during operations.

TUBE CLEANER

An electro-mechanical tube cleaner thatbrush out scales with adjustable length and diameter of shaft

- Efficient and time effective which can clean tubes smoothly.
- * Can be used in two modes either dry or wet.



TUBE EXPANDER

Latest microcontroller chip (89C52) based tube expander





- * Use for fitting/fixing the tubes in machine slot;
- Can be utilized on tubes of SS & Copper & on variable tube sizes from 1/2 "to 2" diameter.
- * Along with tube expander, is available tube cutter and expeller that makes the tube replacement experience completely mechanized, simple and fast.

CHEMICAL WATER TREATMENT

Iceberg has vast experience of 20 years in water treatment for Absorption chillers having refinedchemicals that can

- Minimize microbiological contamination (algae)
- Control scaling in critical parts/tubes of absorption Chiller
- * Prevent corrosion
- Protect against the risk of LEGIONELLA contamination

FREON LEAK DETECTOR

- * Hand held battery based leak detector
- Uses Freon gas for detection of most minor leakages that are impossible to diagnose with simple pressure testing

