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Ball Technic Condenser Cleaning System at Bangkok Airport Terminals.

In October 1999 five Ball Technic systems were installed at our Bangkok Airport terminals, one of them at terminal 1 and four of them at terminal 2.

Prior to installing the Ball Technic Systems the five 1000 Ton chillers was operating at almost 100% capacity, The typical condenser approach temperature of the chillers ranged from 2 deg. F up to 7 deg. F and we used to open the condensers for tubes cleaning and scale removal every 6 months.

The five Ball Technic Systems was installed with in one week.

After the Ball Technic was commissioned the following results were observed.

1. The loading on the chillers dropped by 15% - 20%.
2. The approach temperature reduce significantly, ranging 0 deg. F up to 0.9 deg. F depending on loading.
3. Energy consumption of each chiller dropped by an average of 20%.
4. After 12 months of operation condensers covers was opened and the inner tubes surface found absolutely clean.
5. So far the Ball Technic systems functioning well with no failure malfunctions.

We satisfied for the good result of Ball Technic Systems then on July 2001 two more Ball Technic Systems were installed at the Terminal 1 and the very good result will predictable.

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