1.7.1.5 thermal Comfort

environmental for the working environment to ensure the comfort of employees (such as moisture and heat sources in the workplace), work-related and personal factors (such as clothing, weight, age, metabolism) of the entire thermal comfort conditions created must be provided.

Made to increase the thermal comfort of the employee morale and productivity management also it becomes possible to create a more healthy and safe working environment in the workplace.

excessive sleep still running on that too much of the ambient temperature, fatigue, low blood pressure, dizziness, decreased resistance of the body, excessive sweating, a drop in operating efficiency, the formation of red patches that cause itching, hypersensitivity, can have adverse effects such as anxiety and concentration disorders.

Distraction of being cold while working on the environment, physical and mental yield falls, the rise of core body temperature, chills, shivering, can have adverse effects such as nutrition and energy requirements.

Thermal comfort control work, there are many ways. Some of these applications is quite easy.

Some of the control measures;

- **Environmental control;** control of ventilation and air conditioning systems,
- **Task control;** The amount of work done by employees of the dress, the equipment he uses and control of working time,
- **Administrative controls;** job scheduling, planning, programming and control of the rest of the time,

- **Engineering controls;** control measures taken as a result of the engineering work,

as it can be listed.