

Welcome to EMSD HQs



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Rebirth



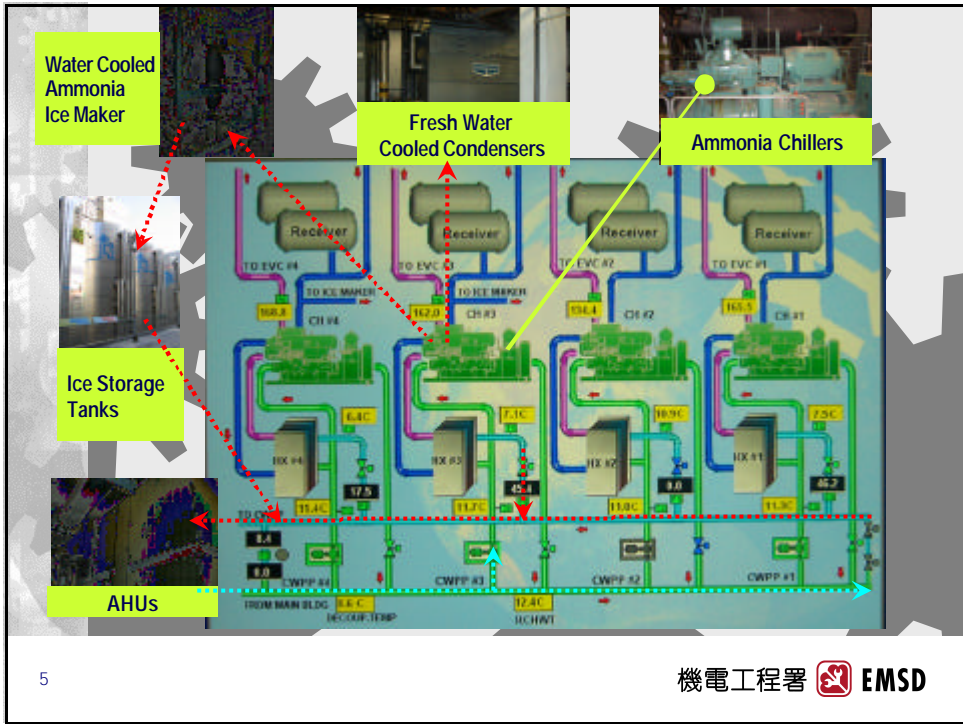
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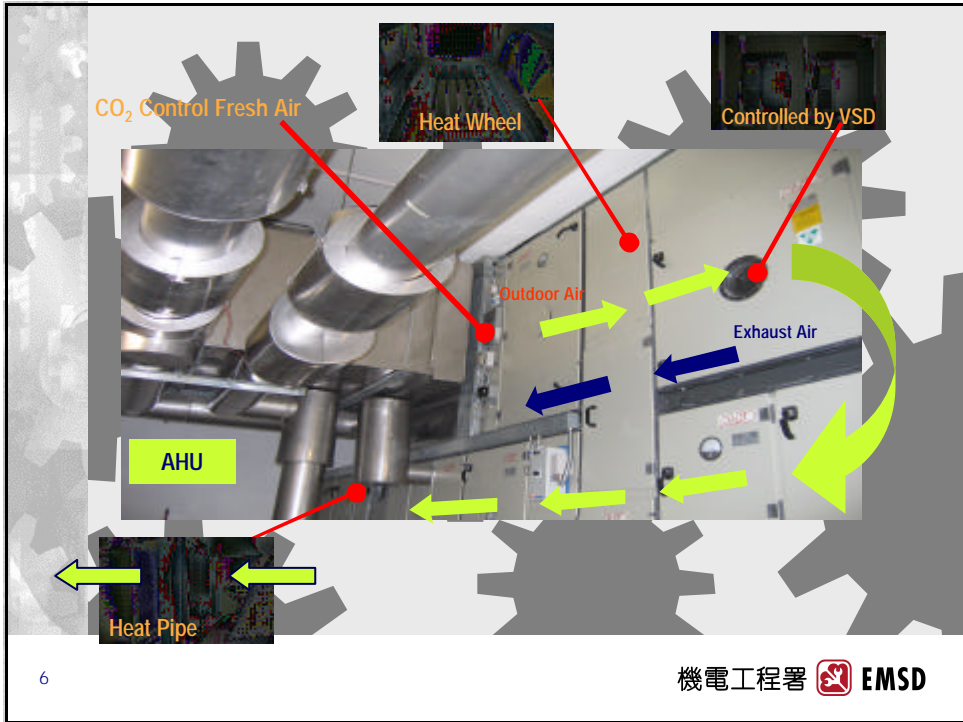
HVAC System

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Workshop Ventilation *Energy Saving by Natural Ventilation*



•Push & Pull Mechanical Ventilation when Natural Ventilation is not available

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Ice Storage System



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Ammonia Ice Maker

Ice Storage Tanks

Heat Exchangers Operate at peak load

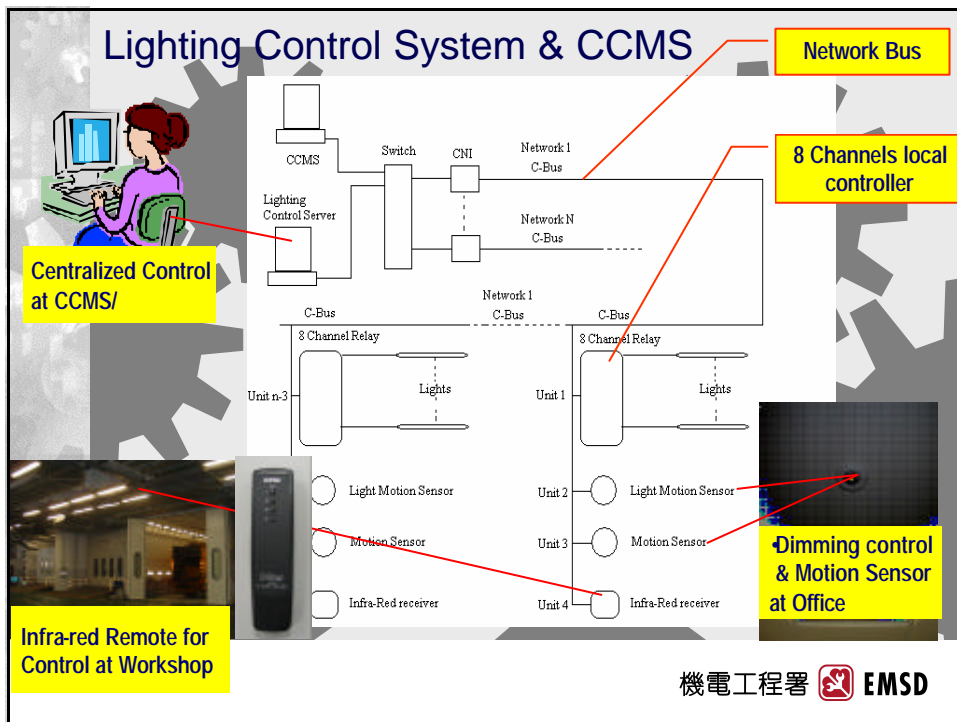
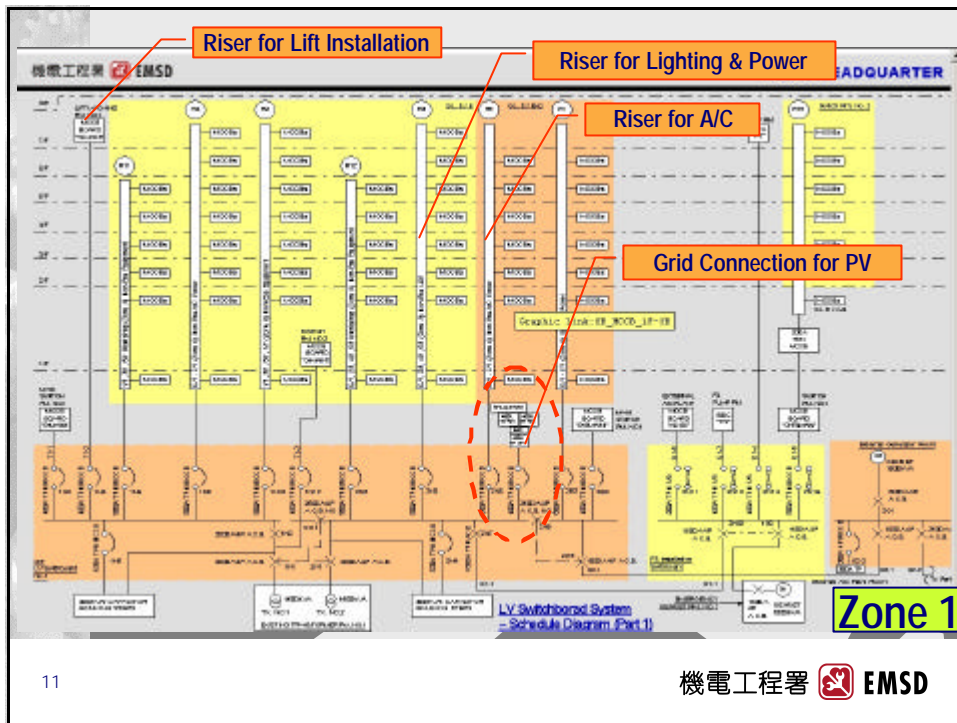
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Electrical Installation

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Motion Detection Control by Time Interval

Auto-dimming Control with Photo Sensor

Automatic Control

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The image shows a software interface for lighting control. It features a floor plan with a grid of red and blue squares representing light fixtures. Two yellow callout boxes point to specific control panels. The top-left box is labeled 'Motion Detection Control by Time Interval' and points to a panel with a 'Motion' section. The top-right box is labeled 'Auto-dimming Control with Photo Sensor' and points to a panel with a 'Photo' section. A third box labeled 'Automatic Control' points to a 3D rendering of a lighting fixture. The background has a gear pattern.

PV Installation

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The image shows a large-scale photovoltaic (PV) installation on a building roof. The roof is covered with a grid of solar panels. In the background, there is a cityscape with high-rise buildings and mountains. The text 'PV Installation' is overlaid in orange. The background has a gear pattern.

PV Installation

The diagram illustrates the electrical architecture of a PV system. It features a central blue schematic with yellow callouts pointing to various components. On the left, a yellow box states: "Max. 150W for each Panel type PV Total 2300 nos." with a red arrow pointing to the PV array section of the schematic. Other callouts include "Array Box", "Circuit Array Box", "DC Circuit Board", "Inverter", "Anti-Islanding Device", and "Grid Connection Chamber". Three inset photographs show physical components: a row of solar panels, a rack of electrical boxes, and a large metal cabinet. A large grey gear icon is positioned in the upper right background.

Max. 150W for each Panel type PV
Total 2300 nos.

Array Box

Circuit Array Box


DC Circuit Board

Inverter

Anti-Islanding Device

Grid Connection Chamber

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Grey Water Recycling System

The slide features the title "Grey Water Recycling System" in a blue serif font, centered against a background of several interlocking grey gears of various sizes. The gears are arranged in a cluster, with some overlapping others, creating a mechanical theme.

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