

KPJ HEALTHCARE

Jana Tanmia Resources
FACILITY & ENERGY ENGINEERING

Project Showcase

AIR CONDITIONING AND VENTILATION SERVICES KPJ MIRI SPECIALIST HOSPITAL, SARAWAK USING MAGNETIC BEARING CHILLER

CERTIFIED TO 9001:2008
CERT. NO :AR 5822

CERTIFIED TO 9001:2008
CERT. NO :AR 5822

CERTIFIED TO ISO 9001:2008
CERT. NO :AR 5822

Forewords & Appreciations

Managing Director/ Chief Technical Officer
Jana Tanmia Resources Sdn Bhd

We are proud to announce the successful completion of the air conditioning installation and commissioning project at KPJ Miri. The project was delivered on schedule, meeting all technical and safety standards as per KPJ Healthcare Berhad's requirements.

This achievement highlights our team's continued commitment to quality, professionalism, and client satisfaction. We appreciate the trust KPJ Miri has placed in us and look forward to future collaborations.



Dato' Ts. Haji Mohd Zaidi Bin Ilamdin *DIMP, KMN, REEM, MIPM, GBIF, CEM, CEA, CPMV, CAAM*
Managing Director/ Chief Technical Officer
Jana Tanmia Resources Sdn Bhd



Content

Location Plan

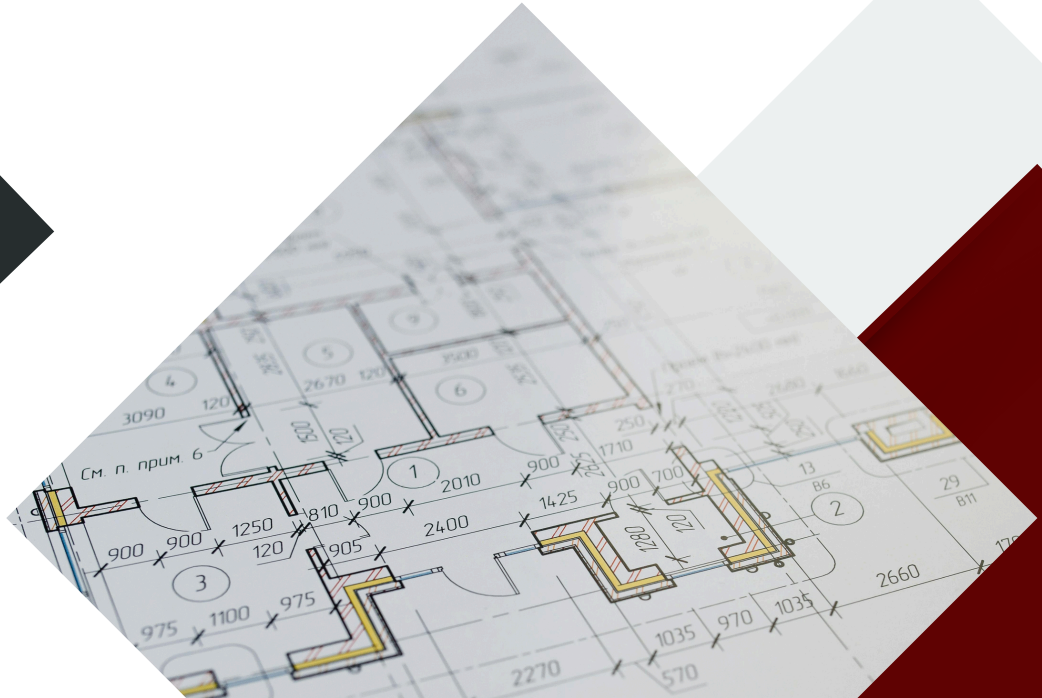
Tools, Machineries and Material On Site

Installation Process

Testing and Commissioning

Site Clearance

Completed Project



Location Plan



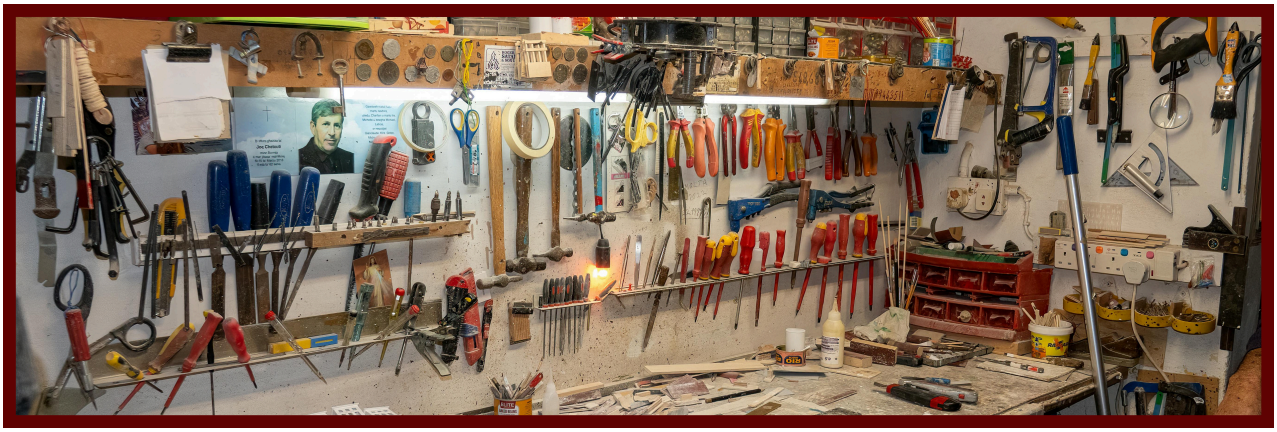


KPJ HEALTHCARE

Jana Tanmia Resources
FACILITY & ENERGY ENGINEERING

Tools, Materials On Site

Tools







Materials














REGU
422260 0
42G1
25
JAWA COMPANY


TRANE
Highwall
Outdoor Unit


SSF/L6/5
FRAGILE



Installation Process

Installation Process

Installation of New Cooling Tower

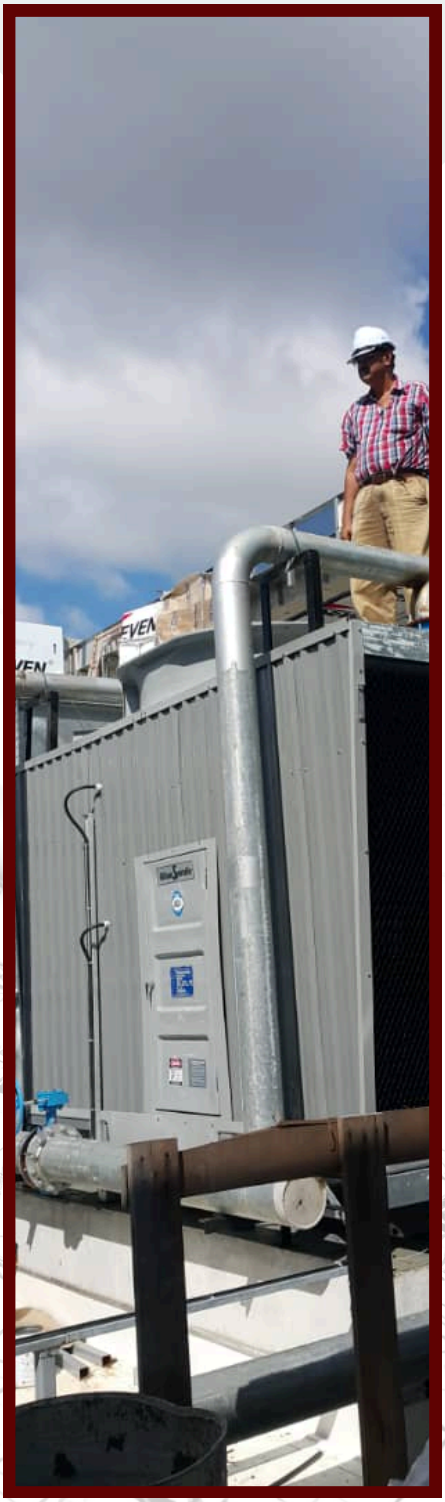









SEVEN
SEVEN

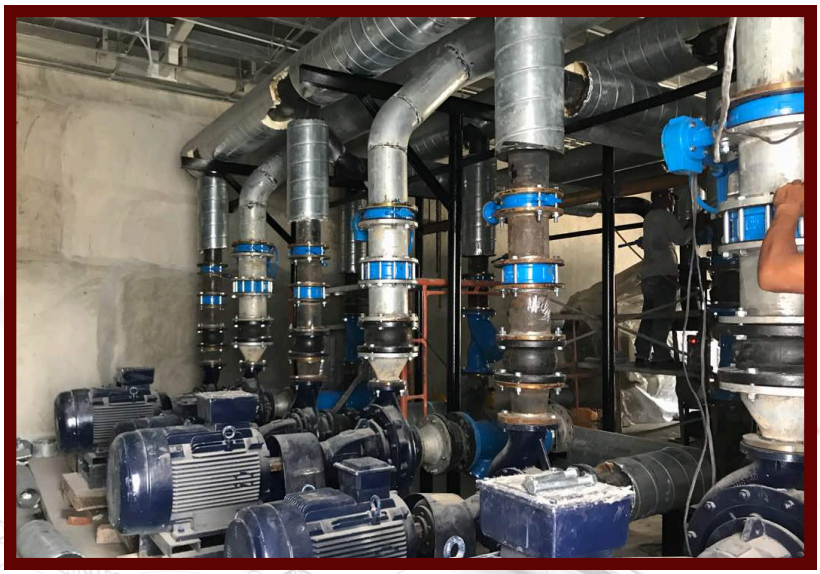


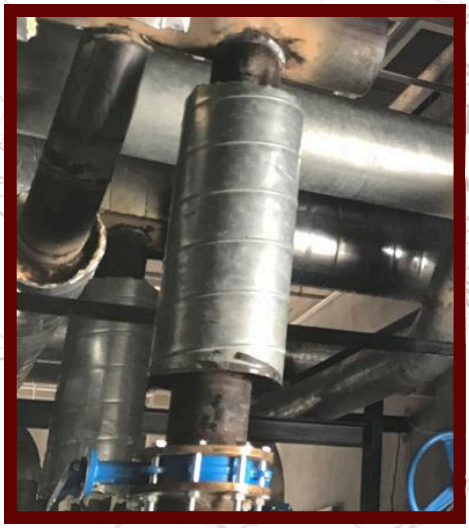


Installation Process

Installation of New Condenser & Chilled Water Pump












TOZEN



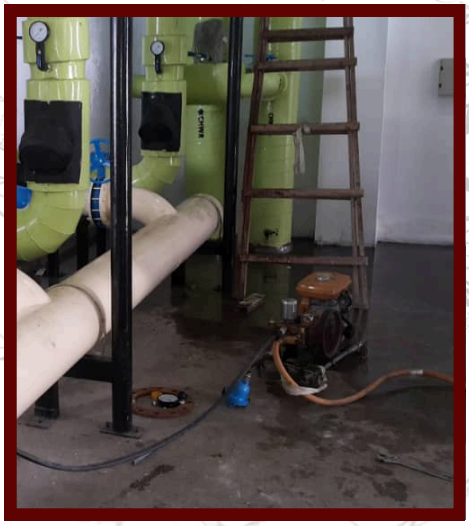


Installation Process

Installation of New Magnetic Bearing Oil Free Chiller System











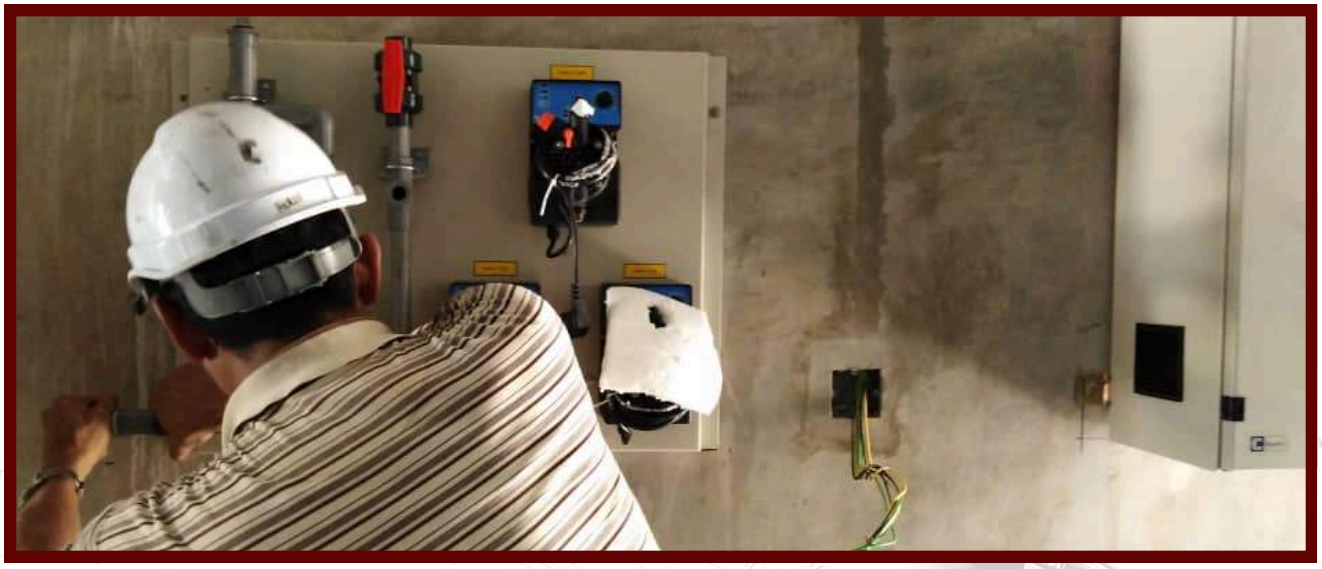






Installation Process

Installation of New Water Treatment System

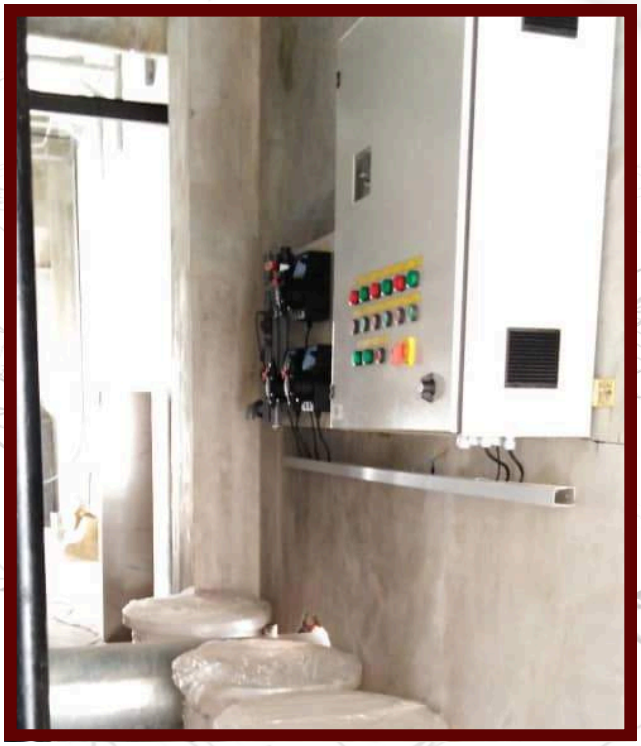












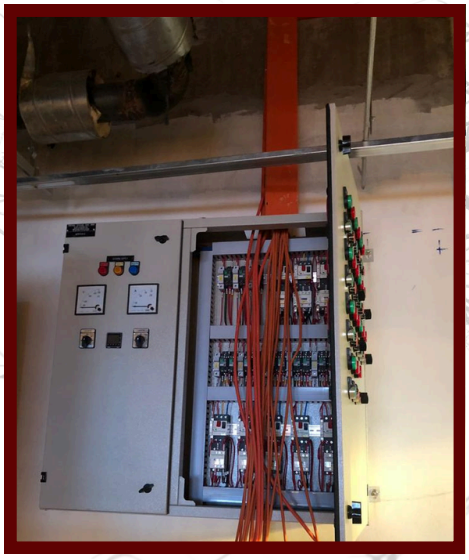


Installation Process

Installation of New Air-Handling Unit (AHU) Control Panel System

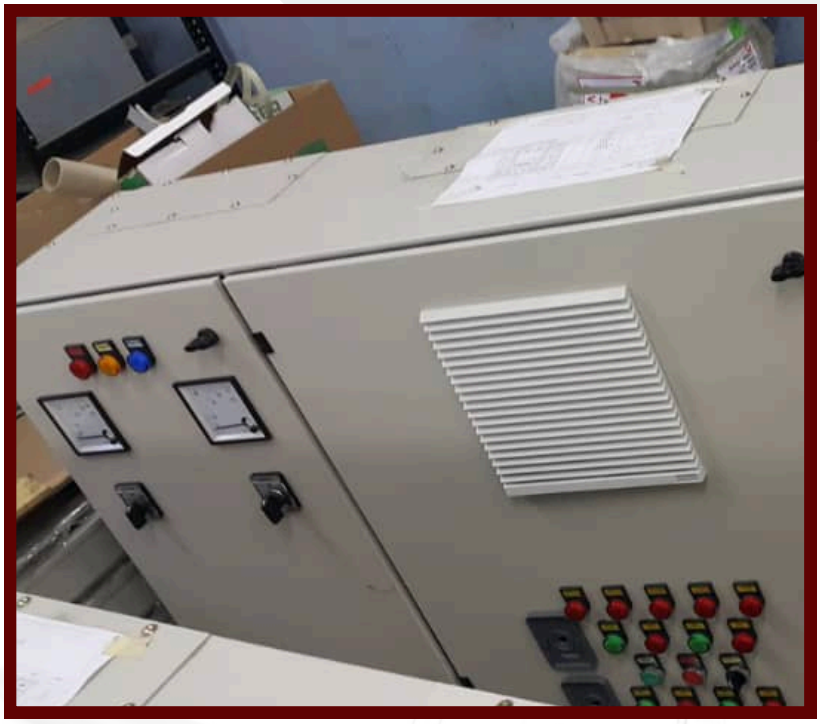


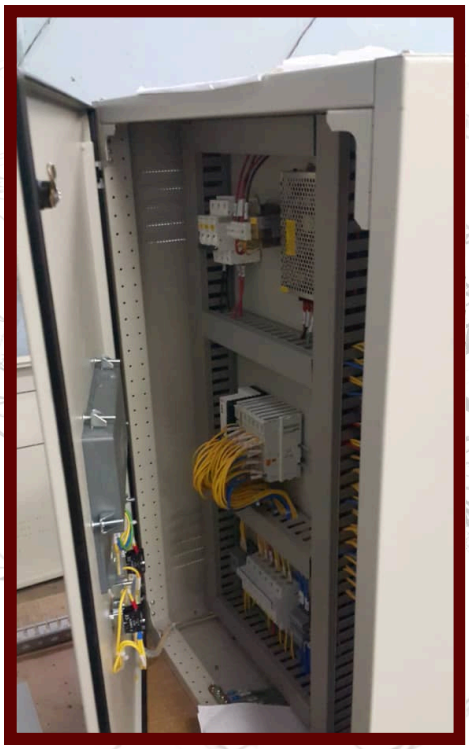








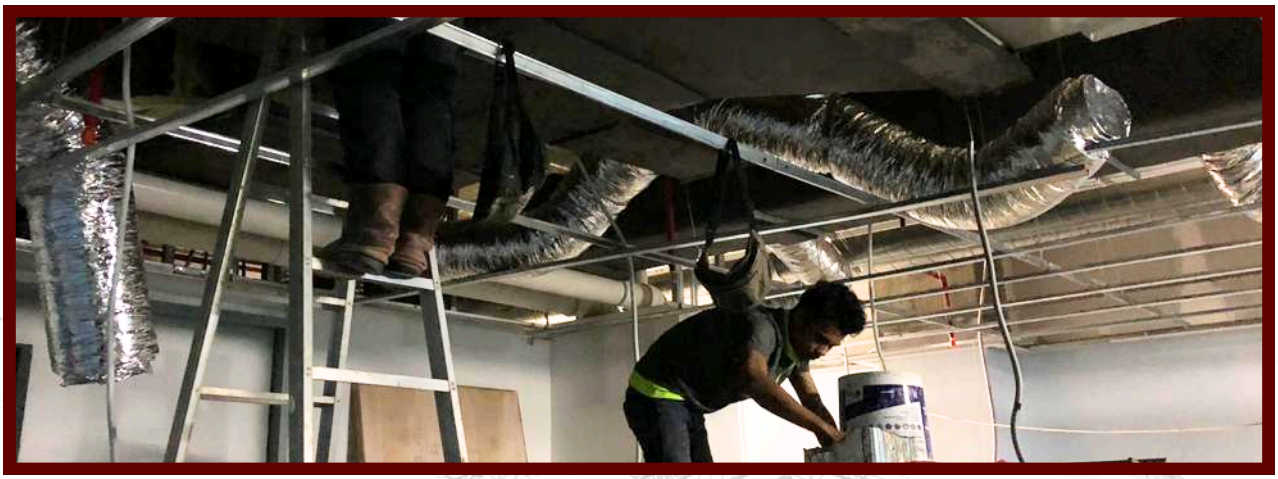






Installation Process

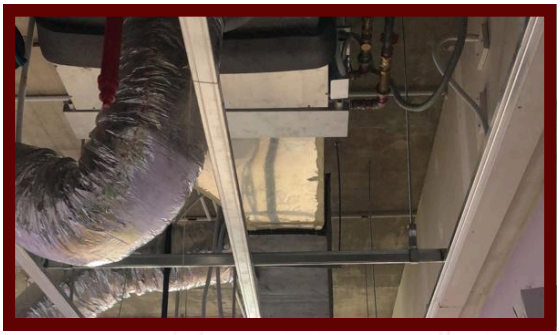
Installation of New Ducting & Fan Coil Unit (FCU)















KPJ HEALTHCARE

Jana Tanmia Resources
FACILITY & ENERGY ENGINEERING

Testing And Commissioning

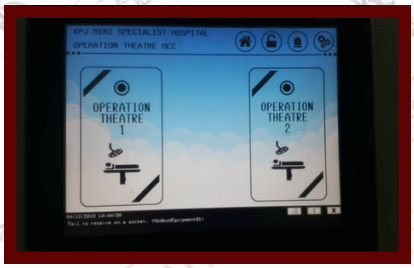
Testing & Commissioning

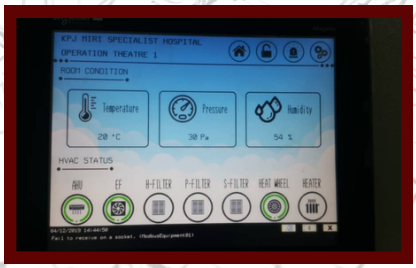
Chiller System Test Run & Inspection











Testing & Commissioning

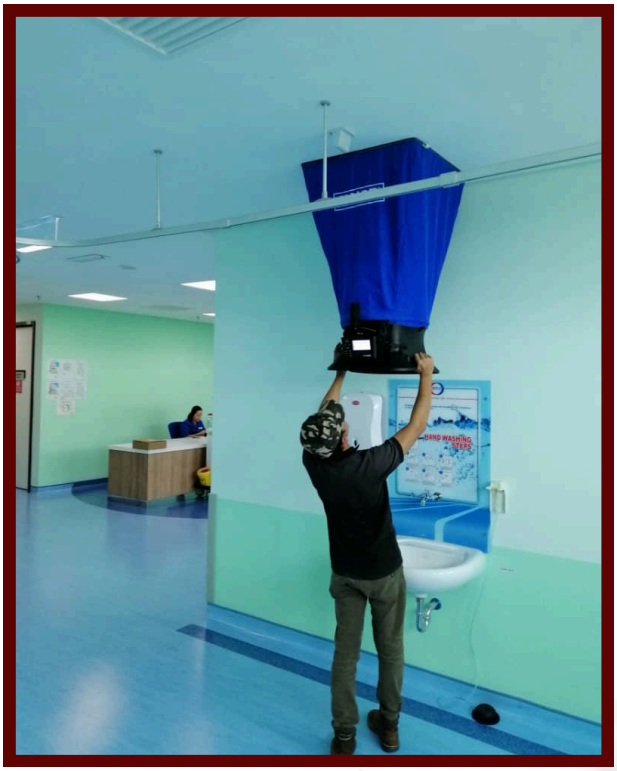
Measuring Air Balancing












ALNOR


ALNOR


-37
READ
ALNOR

Testing & Commissioning

Condenser Water Pump System Flushing & Cleaning



















KPJ HEALTHCARE

Jana Tanmia Resources
FACILITY & ENERGY ENGINEERING

Site Clearance

Site Clearance

Disposal of Waste Products











Completed Projects

Completed Project

New Condenser & Chilled Water Pump System

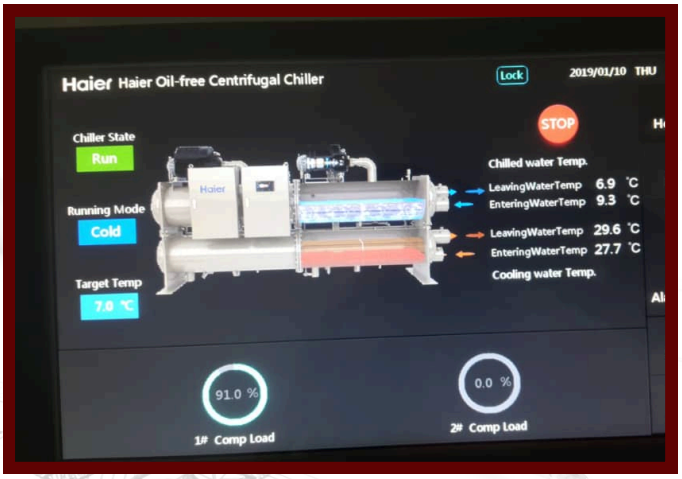











Haier Haier Oil-free Centrifugal Chiller
Lock
2019/01/10 THU
STOP
Chiller State
Run
Running Mode
Cold
Target Temp
7.0 ℃
Chilled water Temp.
LeavingWaterTemp 6.9 ℃
EnteringWaterTemp 9.3 ℃
LeavingWaterTemp 29.6 ℃
EnteringWaterTemp 27.7 ℃
Cooling water Temp.
91.0 %
1# Comp Load
0.0 %
2# Comp Load



Completed Project

New Cooling Tower

















Completed Project

New Chiller Switchboard System







Completed Project





Project Showcase

Jana Tanmia Resources
FACILITY & ENERGY ENGINEERING

Air Conditioning and Ventilation Services at the KPJ Miri Specialist Hospital, Sarawak.

Specialisations



Sustainable Facility Management



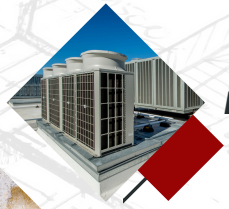
Energy Management & Energy Efficient System



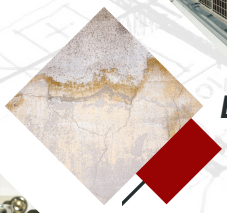
Cleanroom Operation Theater, Biosafety Lab, GMP Lab



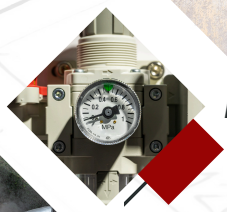
Renewable Energy (Solar Wind Biomass)



Energy Efficient HVAC/ ACMV System



Building IEQ, IAQ Humidity & Mold Control



Medical Gas Pipeline System



Hot Water & Steam System

Our Products

- Bioxigen — ADVANCE AIR FILTRATION
- ACCUTROL — CLEAN ROOM AIR FLOW CONTROL
- ATA — ATA LAMINAR AIRFLOW CEILING
- CPX — MEDICAL GAS
- CURVE H2 — TURQUOISE HYDROGEN PLANT
- VOLTERRA — BATTERY ENERGY STORAGE SYSTEM (BESS)
- jule — EV CHARGING
- VERTIV — OIL FREE CHILLER

Jana Tanmia Resources Sdn Bhd

No. 11, Jalan Kota Raja H/27H, Hicom Town Centre Seksyen 27, 40400
Shah Alam, Selangor Darul Ehsan.
Tel : +603 - 5191 4505
Fax : +603 - 5191 4508
www.jtr.my / enquiry@jtr.my