



COMPANY PROFILE

HVAC SPECIALIST (Mechanical & Electrical Work)

Engineering, Procurement, Installation, Service & Maintenance for E&I, Refrigeration For Power Plant and Chemical Plant



63 PLUS CO.,LTD

345/148 ม.3 ต.สุรศักดิ์ อ.ศรีราชา จ.ชลบุรี 20110

TEL. 081-159-9389

Email : somkeat.k@63-plus.com

We provide the best solutions for HVAC Solution (Design,Purcurment,Installation,Comissioning)

We can reliably undertake the most complex work in support of "Power plants, Petrochemical Plant and Factory,

We Supply special Blast Pipe/Blast Valve/Blast Damper /Blast Door/ Fire rate Door, Wall Window for "Hazardous Area"

We are service maintenance, repair and spare part for HVAC system



Best Quality Best Safety

Engineering for Duct, Ventilation , Air Cond.

Engineering & HVAC Consultant

- Engineering For Air Condition , Ventilation , Control Panel
- Consultant & Analysis for HVAC improvement



Supply Special Product for Hazardous Area

Supply Special Product for Hazardous Area

- Blast Damper / Blast Valve
- Blast Pipe / Blast Transit
- Fire & Blast Rate Wall , Window
- Fire & Blast Rate Door



HVAC Plant Maintenance / Service

Plant Maintenance/ Service

- Air Condition Maintenance
- Spare Part Replacement
- Upgrade & Renovation
- Room Pressurize System for Control Building



UTA **GAS TIGHT SHUT-OFF DAMPER**
For high pressure ductworks



BDH **BLAST PROTECTION DAMPER**
For offshore, onshore and heavy industry



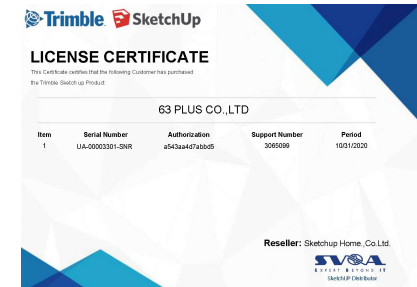
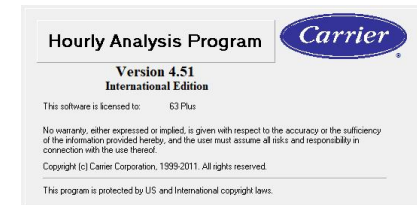
Air Condition System

We provide our clients with : Engineering, Procurement, Construction, Commissioning, Service & Maintenance.
Chiller systems, VRV systems, Central split systems, Pressurized systems, HVAC for hazardous areas.



HVAC Solution

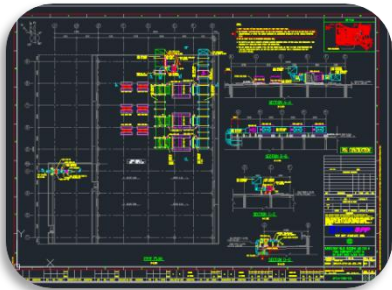
- Room Pressurized improvement
 - HVAC Design / Installation
 - HVAC Analysis & improvement
 - Design Program License
1. Heat Load Calculation E-20 / License ; Authorization Code: B94F-E3AB-EF50-91EC
 2. Simulate program and 3D Trimble SketchUp / License; a543aa4d7abbd5



Best Quality Best Safety

Ventilation System

We provide the structural support and foundations for piping and equipment and we provide piping works for many diverse systems.



Engineering/Procurement/Construction & Commissioning



Best Quality Best Safety

Special Part Supply

We Supply special Blast Pipe/Blast Valve/Blast Damper /Blast Door/ Fire rate Door, Wall Window for
“Hazardous Area”

Supply Special Product for Hazardous Area

Supply Special Product for Hazardous Area

Blast Damper / Blast Valve

When client have wall blast, all damper or opening as through our side shall be have Blast Damper for protect explosion



Supply Special Product for Hazardous Area

Blast Pipe / Blast Transit

When client have wall blast, all piping and cable as through our side shall be have Blast pipe for protect explosion



Supply Special Product for Hazardous Area

Fire & Blast Rate Wall , Window, Blast Rate Door

When client have wall blast, all damper or opening as through our side shall be have Blast Damper for protect explosion



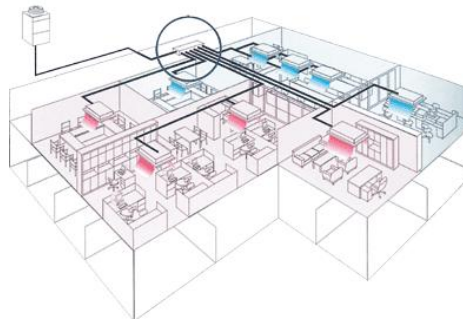
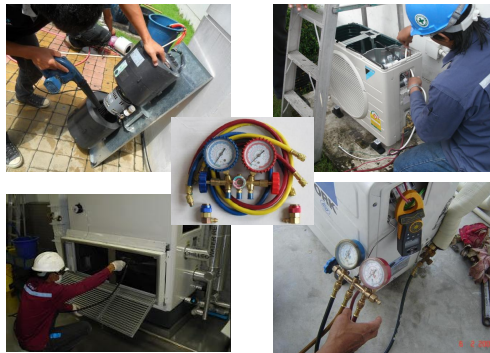
Maintenance & Service For HVAC System

We are made best solution for Air Condition maintenance and service for Power plant, Petrochemical Plant with best Service

Maintenance & Service For HVAC System

Air Condition System Maintenance and service

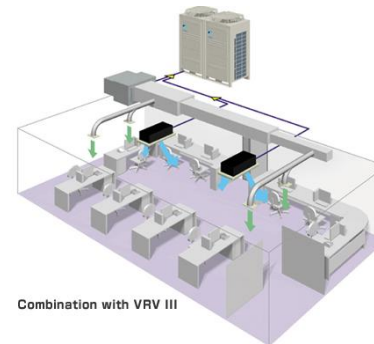
When client need to service or maintenance air condition system for Office ,Control Building, electrical room, we are have team for maintenance and submit with report package.



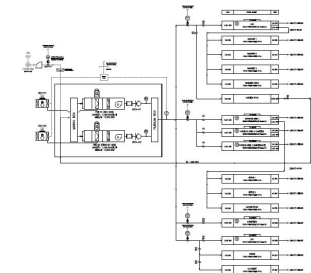
HVAC System Analysis and upgrade

When client need to upgrade HVAC system or analysis system and solution, we are special list for support analysis with ASHRAE standard

- ✓ HVAC System upgrade
- ✓ Renovate HVAC system
- ✓ Pressurize system upgrade and analysis
- ✓ VRF /VRV system
- ✓ Air Cooled Chiller System / Water Cooled system



Combination with VRV III



Project Reference / HVAC System

YEAR : 2015

Project : ติดตั้งแอร์ VRV ตึกอาชาภิ พระราม 3

Owner : บริษัท อาชาภิ จำกัด

Consultant : NA

Client : NA

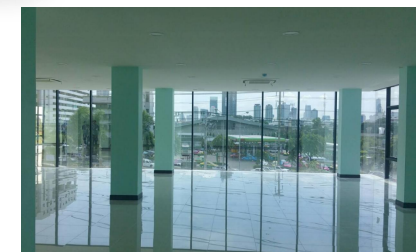
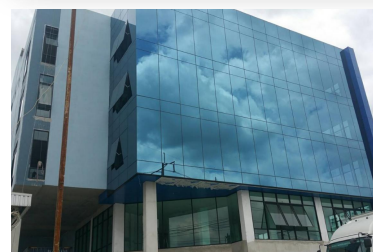
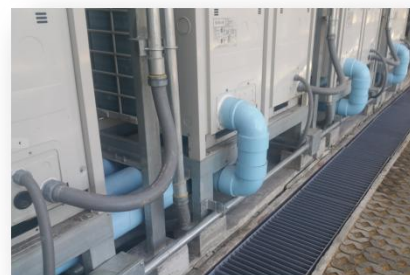
Contract Amount : 5 Million

Period Time : 2 Month (Completed)

SCOPE OF WORK :

HVAC System installation and Commissioning Work

- VRV Air Condition (DAIKIN)
- Electrical Work installation
- Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2015



Project : TOP SPP Project

Owner : THAI OIL PUBLIC

Consultant : Amec Foster Wheeler Co.,Ltd

Main Contractor : CTCI (Thailand) Co.,Ltd

Client : CAZ (Thailand) Co.,Ltd.

Contract Amount : 47.7 Million

Period Time : 5 Month (Completed)

SCOPE OF WORK :

HVAC System material supplier, installation and Commissioning Work

- Supply Air Condition Unit SS304 double skin
Cooling Capacity : 142.6 Tons , 2 Buildings
Cooling Capacity : 21.2 Tons , 4 Buildings
PLC Touch Screen 12" Control
- Supply Ventilation System (Motor IP 65 form USA)
- Duct Work and Damper Fire Damper , (USA)
- Blast Damper and Barometric Damper (Special Product)
- Refrigerant Pipe with stainless jacket
- Control Panel touch screen PLC (Littal form GERMANY)
- Instrument out door type (IP 65)
- Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2016



Project : AC install Weight Bridge House

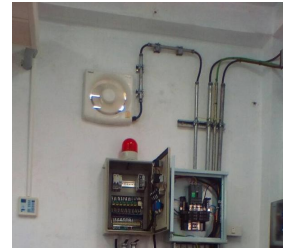
Owner : THAI OIL PUBLIC

Consultant : Foster Wheeler Co.,Ltd

Client : THAI OIL PUBLIC

Contract Amount : 0.23 Million

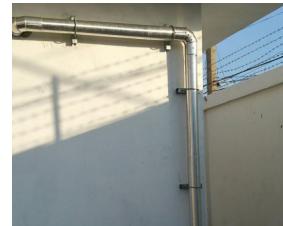
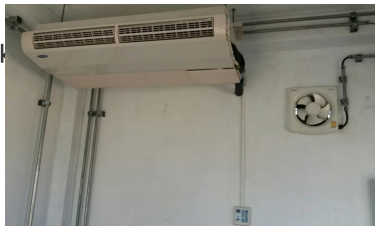
Period Time : 1 Month (Completed)



SCOPE OF WORK :

HVAC System material supplier, installation and Commissioning Work

- Supply Air Condition Unit with Alarm function
- Hi Pressure Alarm
- Low Pressure Alarm
- Over Load Alarm
- Room Temperature Alarm



Above alarm we are modify base on engineering
To achieve Thai oil requirement

Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2016

Project : CHP II Project (Phase II)

Owner : IRPC Clean Power Co.,Ltd.

Consultant : Black & Veatch (Thailand),Ltd.

Client : TTCL Public Company Limited

Contract Amount : 7.2 Million

Period Time : 4 Month (Completed)

SCOPE OF WORK :

HVAC System installation and Commissioning Work

- Substation No.230 kv Building
- LCR Block 1 & 2
- Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2017



Marubeni



Project : Unit 4-7 Replacement Project
(Mae Moh Power Plant)

Owner : EGAT (Thailand)

Consultant : Marubeni Cooperation Co.,Ltd.

Client : PWH (Thailand) Co.,Ltd.

Contract Amount : 10 Million

Period Time : 2 Month (Completed)

SCOPE OF WORK :

HVAC System installation and Commissioning Work

- HVAC for C46 Building
- HVAC Control panel with PLC Touch Screen
- Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2018



Project : HVAC Replacement for PLOCPP1 Project
(HVAC Upgrade)

Owner : Chevron Thailand Exploration and Production, LTD

Main Contractor : Expert Team(Thailand) Co.,Ltd

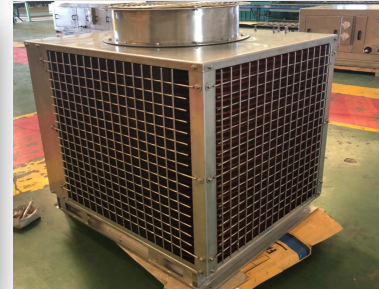
Contract Amount : 3.2 Million

Period Time : Completed

Completed Plan : 1 Feb. 2018

SCOPE OF WORK :

1. Engineering work Calculation By E-20 Program
2. Select Air Handling Unit with Explosion Proof Type
Air Handling Unit Out Door Type (IP65)
 - Cooling Capacity : 600,000 BTU
 - Casing Stainless Steel 316L , 1.6 THK
 - Motor Explosion Proof Type , TEFC
 - PLC Touch Screen 12" Control with function alarm
 - Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Test And Commissioning



Project Reference / HVAC System

YEAR : 2018



Project : Clean Fuel Project

Owner : THAI OIL PUBLIC LIMITED

Consultant : Amec Foster Wheeler Co.,Ltd

Main Contractor : IETL(Thailand) Co.,Ltd

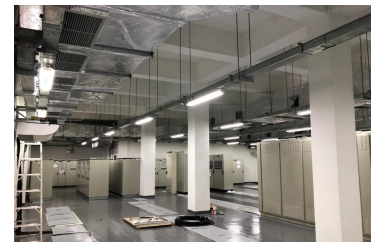
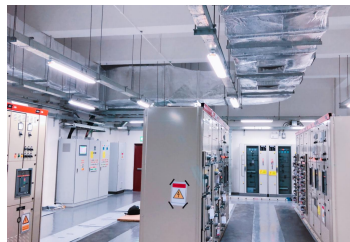
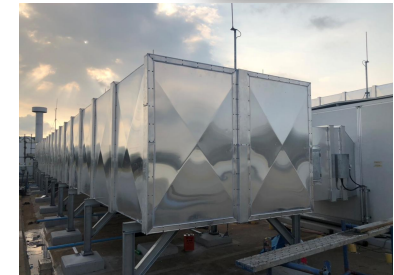
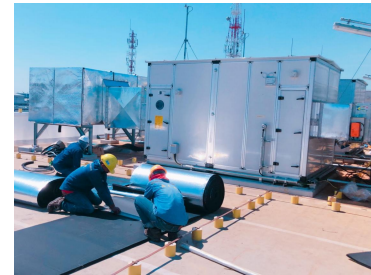
Contract Amount : 41 Million

Period Time : Completed

Completed Plan : 1 April 2018

SCOPE OF WORK :

1. Engineering work for FAR203 and SS202 Building (Air Cooled Chiller System)
 2. HVAC System material supplier, installation and Commissioning Work
 - Air Cooled Chiller Out Door Type (IP65)
Cooling Capacity : 713. Kw , with VSD Type.
 - Air Handling Unit (Chilled Water AHU)
Cooling Capacity : 165 kW x 3 Set
 - Cooling Capacity : 100 kW x 2 Set
- PLC Touch Screen 12" Control with function alarm
- Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Blast Damper and Barometric Damper (Special Product)
 - Refrigerant Pipe with stainless jacket
 - Control Panel touch screen PLC (Littal form GERMANY)
 - Instrument out door type (IP 65)
 - Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2018

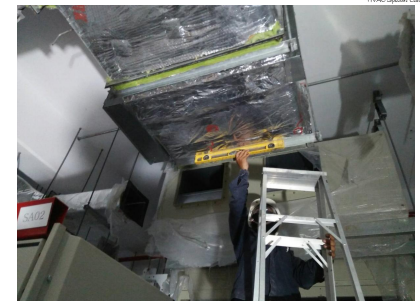
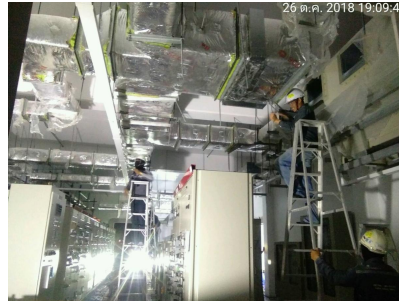


SAMSUNG
SAMSUNG ENGINEERING

Project : PTT LNG IPG Project
Owner : PTT LNG PUBLIC COMPANY LIMITED
Consultant : SAMSUNG ENGINEERING
Main Contractor : CAZ THAILAND
Contract Amount : 15 Million
Period Time : Completed

SCOPE OF WORK :

1. Engineering work for SUBSTATION Building
 2. HVAC System material supplier, installation and Commissioning Work PLC Touch Screen 12"
- Allen-Bradley Control with function alarm
- Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Blast Damper and Barometric Damper (Special Product)
 - Refrigerant Pipe with stainless jacket
 - Control Panel touch screen PLC (PLC Allen-Bradley)
 - Instrument out door type (IP 65)
 - Test And Commissioning



CAZ (Thailand) Public Company Limited
239 Huaypang-Nonghai

63 PLUS
63 PLUS Co., LTD.
"HVAC Special List"

Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2019



Project : Benchamas SWGR HVAC Replacement Project
(HVAC Upgrade)

Owner : Chevron Thailand Exploration and Production, LTD

Main Contractor : Expert Team(Thailand) Co.,Ltd

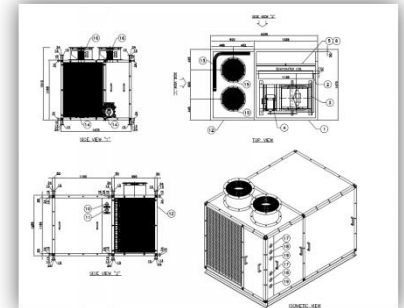
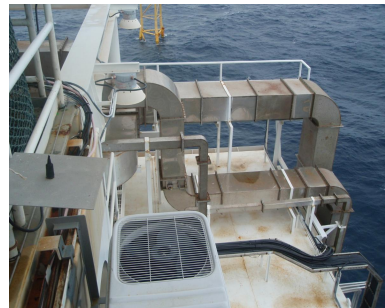
Contract Amount : 5 Million

Period Time : Completed

Completed Plan : 1 Feb. 2018

SCOPE OF WORK :

1. Engineering work Calculation By E-20 Program
2. Select Air Handling Unit with Explosion Proof Type
Air Handling Unit Out Door Type (IP65)
 - Cooling Capacity : 10 Tons
 - Double Skin Casing Stainless Steel 316L , 2.0 THK
 - Motor Explosion Proof Type IP65 , TEFC
 - PLC Touch Screen 12" Control with function alarm
 - Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Test And Commissioning



Best Quality Best Safety

Project Reference / Underground Pipe System

YEAR : 2019



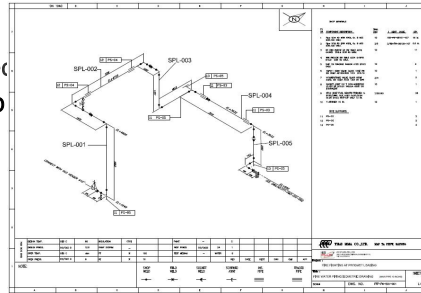
Project : Improve Firefighting at MMA Loading Project

Scope Of Work : Fire Fighting Design and Installation

Owner : Thai MMA CO.,LTD.

Contract Amount : 5 Millions

Period Time : Completed



SCOPE OF WORK :

Engineering, Procurement , Installation and Commissioning
For Fire Fighting MMA Loading Area.

- Fire Fighting Pipe HDG.
- Valve And Accessory
- Test and Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2019



Project : PPR HVAC Replacement Project
(Cold and Freezer Room)

Owner : PTT Public Company Limited (Offshore)

Main Contractor : Expert Team(Thailand) Co.,Ltd

Contract Amount : 3.7 Million

Period Time : Completed

Completed Plan : 30 Aug. 2018

SCOPE OF WORK :

1. Engineering work Calculation
2. Select Air Handling Unit with Explosion Proof Type
Condensing Unit Type (IP65)
 - Cooling Capacity : 10 Tons.
 - Casing Stainless Steel 316L , 1.6 THK
 - Motor Explosion Proof Type , TEFC
 - PLC Touch Screen 12" Control with function alarm
 - Allen Bradley Compact Logix with panel view plus1000
 - Supply Ventilation System (Motor IP 65 form USA)
 - Test And Commissioning



Best Quality Best Safety

Project Reference / Underground Pipe System

YEAR : 2019



Project : Corbion OD (Under Ground Pipe) Project

Scope Of Work : Underground Pipe

Owner : Corbion Purac (Thailand) Co.,Ltd.

Main Contractor : Bilfinger (Thailand)
and Construction Co.,Ltd.

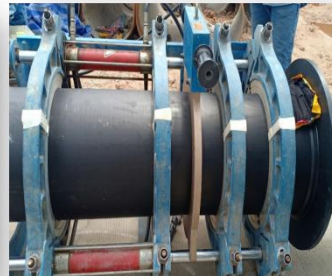
Contract Amount : 5 Millions

Period Time : Completed

SCOPE OF WORK :

1. Material Supply and installation for Under Ground Pipe

- Stainless 316L 12" Dimension , Flange and Accessory
- HDPE Pipe PN10, PE80 and Accessory
- HDPE Pipe PN16, PE80 and Accessory
- Test and Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2020



Project : Clean Fuel Project , Package 3 (OC3)

Owner : THAI OIL PUBLIC LIMITED

Consultant : Bechtel Thailand

Joint Venture : Saipem/Petrofac/Samsung

Main Contractor : CMG Engineering and Construction Co.,Ltd

Contract Amount : 50 Million

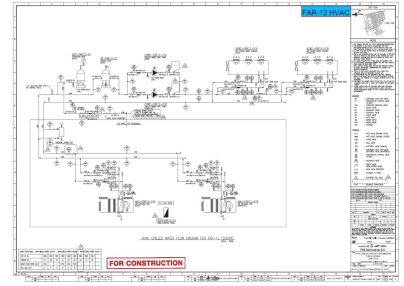
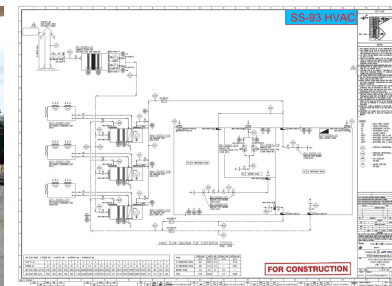
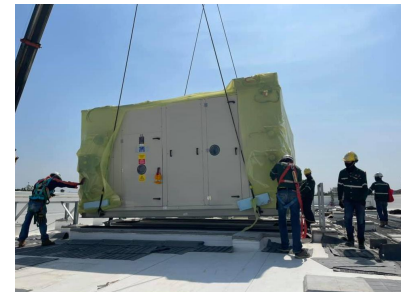
Period Time : Completed.

Completed Plan : 1 April 2021



SCOPE OF WORK :

1. PC work for SS093/FAR12/SS070/FAR10 Building
(Air Cooled Chiller System and DX coil Explosion Proof Type)
 2. HVAC System material supplier, installation and Commissioning
 - Air Cooled Chiller (Explosion Proof Type Air Handling Unit (Chilled Water AHU)
 - Cooling Capacity : 265 kW x 3 Set
 - Cooling Capacity : 140 kW x 2 Set
- PLC Touch Screen 12" Control with function alarm
- Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Blast Damper and Barometric Damper (Special Product)
 - Refrigerant Pipe with stainless jacket
 - Control Panel touch screen PLC (Littal form GERMAN)
 - Actuator Fast Closing 3 Sec.
 - Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2022



Project : Clean Fuel Project , FAR14 (SS062) building

Owner : THAI OIL PUBLIC LIMITED

Consultant : Bechtel Thailand

Joint Venture : Petrofac/Samsung

Main Contractor : CMG Co.,Ltd

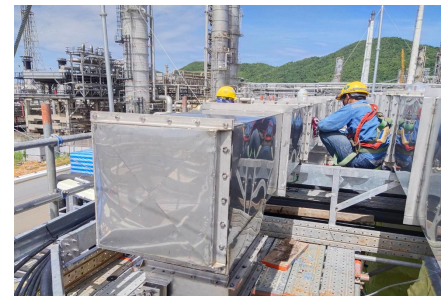
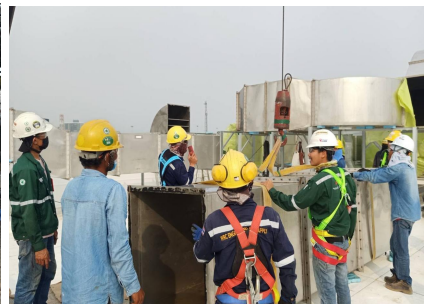
Contract Amount : 40 Million

Period Time : Processing.

Completed Plan : Aug 1' 2023

SCOPE OF WORK :

1. PC work for FAR14 Building
(Air Cooled Chiller System Explosion Proof Type)
 2. HVAC System material supplier, installation and Commissioning
 - Air Cooled Chiller (Explosion Proof Type)
 - Air Handling Unit (Chilled Water AHU)
 - Cooling Capacity : 400 kW x 2 Set
- PLC Touch Screen 12" Control with function alarm
- Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Blast Damper and Barometric Damper (Special Product)
 - Refrigerant Pipe with stainless jacket
 - Control Panel touch screen PLC
 - Actuator Fast Closing 3 Sec.
 - Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2024

Project : TCP New Project (D-216)

Owner : TOKAI Coborn Group

Client : TTCL Public Company Limited

Contract Amount : 24.36 Million

Period Time : 4 Month (On going)



บริษัท ทีซีแอล จำกัด (มหาชน)
TTCL PUBLIC COMPANY LIMITED



SCOPE OF WORK :

1. Engineering work for SUBSTATION Building
2. HVAC System material supplier, installation and Commissioning Work PLC Touch Screen 12"

Allen-Bradley Control with function alarm

- Supply Ventilation System (Motor IP 65 form USA)
- Duct Work and Damper Fire Damper , (USA)
- Damper and Barometric Damper (Special Product)
- Refrigerant Pipe with stainless jacket
- Control Panel touch screen PLC
- Instrument out door type (IP 65)
- Test And Commissioning



Best Quality Best Safety

Project Reference / HVAC System

YEAR : 2023-2027



Project : Clean Fuel Project , Package 3 (OC3)

Owner : THAI OIL PUBLIC LIMITED

Subject : PM Service Maintenance for HVAC Equipment

Contract Amount : 36 Million

Period Time : Period 6 Years

Completed Plan : 2027

SCOPE OF WORK :

1. PM service maintenance HVAC equipment 17 Buildings
(Air Cooled Chiller System and DX coil Explosion Proof Type)
2. CM Corrective maintenance HVAC Equipment 17 buildings
 - Air Cooled Chiller (Explosion Proof Type
 - Air Handling Unit (Chilled Water AHU)
 - PLC Touch Screen 12" Control with function alarm
 - Supply Ventilation System (Motor IP 65 form USA)
 - Duct Work and Damper Fire Damper , (USA)
 - Blast Damper and Barometric Damper (Special Product)
 - Refrigerant Pipe with stainless jacket
 - Control Panel touch screen PLC (Littal form GERMANY)
 - Actuator Fast Closing 3 Sec.



Best Quality Best Safety