

**Electrical & Automation
Design - Installation - Maintenance**



COMPANY PROFILE

No 22, Street No 6, KP6, Binh Hung Hoa B Ward,
Binh Tan District, Ho Chi Minh City, Viet Nam

- (84-28) 37655273 - 37655274
- mtelec@mtelec.vn
- <https://www.mtelec.vn>

Welcome To **MTELEC**



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ABOUT MTELEC

MTELEC CO., LTD

Our basic business is Electrical Engineering – Design, Industrial Installation, Energy Efficiency, Preventive Maintenance and Electrical Safety. **MTELEC** brings global electrical solutions to all professionals and people who are mindful of concept:

"Reliability, Quality and Safety"

Mtelec's presence in Vietnam can be traced back to **1996**, after **27 years** of operation in Viet Nam, **MTELEC** has already carried out many works for big cooperation in Viet Nam.

BUSSINESS CATEGORIES



Apart from providing electrical services and products, **MTELEC** is proud of having a team of highly experienced staffs with an excellent customer care. This team has helped to improve the standard of electrical works in Viet Nam and to ensure electrical safety.

We are looking forward to serving your company and don't hesitate to contact us if you need any requirement.

CONTACT INFORMATION

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 mtelec@mtelec.vn
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VISION

Our vision is to be a highly successful Company in an electrical energy sector and delivering best service and best products with most competitive price to our customers.



MISSION

Our mission is to provide top-quality electrical engineering services to our clients, delivering innovative solutions for Design, Industrial Installation, Energy Efficiency, Preventive Maintenance, Electrical Safety.



CORE VALUE

Customer Focus: Our goal is to have a good relationship with customers and get to know them well to ensure that we deliver exactly the service they require.



Quality: We provide high standards for our service and products is a representation of who we are.

Safety: We will always put safety first—for our People, Contractors, Customers and Communities. Safety comes before everything at **MTELEC**. We measure our success by how safely we achieve our goals.

Integrity: We are honest, trustworthy and dependable. Integrity is at the core of all we do – how we conduct ourselves and interact with all of our Customers.

Technical Director

General Director

GUY GAUTHIER

NGUYEN THI BICH THUY

OUR TEAM

Our team with the strong Leader is a group of skilled and dedicated individuals who share a common goal of delivering high-quality work and exceptional results. Each team member brings a unique set of skills, knowledge, and experience to the table, which allows us to tackle projects from different angles and find innovative solutions.

We prioritize collaboration, communication, and mutual respect, which fosters a supportive and productive work environment. We are committed to staying up-to-date with the latest industry trends and technologies, and we continuously seek opportunities for growth and improvement.



NGUYEN THI BICH THUY

General Director

20+ years experience

Management – Contracting – Control Executive

Prestige, Integrity, and Respect are the three key factors that have contributed to our success of a company.

0908 244 458

thuy.n@mtelec.vn



GUY GAUTHIER

Technical Director

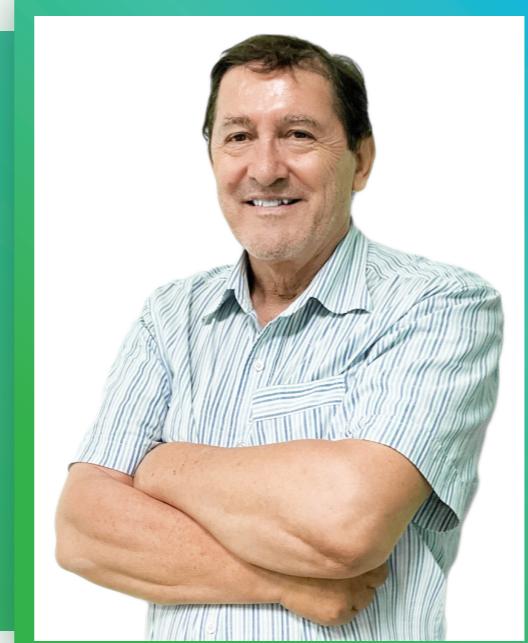
40+ years experience

Technical Management – Control

Adaptability – Safety – Effectiveness are the criteria that we aim for the quality of our service.

0909 211 609

guy.g@mtelec.vn



MANAGERS



Executive Assistance

Tran Thi Thu Trang

5+ years experience

098 531 2280 mtelec@mtelec.vn



Chief of Accounting

Nguyen Thi My Hanh

15+ years experience

091 212 8493 accountant@mtelec.vn



Project Manager

Nguyen Van Mong

15+ years experience

0918 794 123 bao.h@mtelec.vn



Automation Manager

Adri Satria

15+ years experience

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M&E Manager

Nguyen Ngoc Thanh

13+ years experience

0918 404 916 thanh.n@mtelec.vn



Site Manager

Ngo Nhat Anh

7+ years experience

0369 021 921 anh.n@mtelec.vn



Site Manager

Le Van Thuan

10+ years experience

0368 723 334 thuan.l@mtelec.vn



Site Engineer

Nguyen Manh Dong

3+ years experience

0908 156 934 dong.um@mtelec.vn



Site Manager

Ha Gia Bao

3+ years experience

093 202 5682 bao.h@mtelec.vn

BUSSINESS CATEGORIES

1. Electrical Design & Installation

- Power Station (High Voltage Protection, Transformer, Genset...)
- MDB, MSB, DB Panels
- MCC Panels
- Cable trays, cable ladders, mesh cable trays...
- Metallic and plastic conduits
- Cable laying and connector
- Electrical Equipment (Lightings, Emergency and Exit Lighting, Sockets)
- Earthing and Lightning system

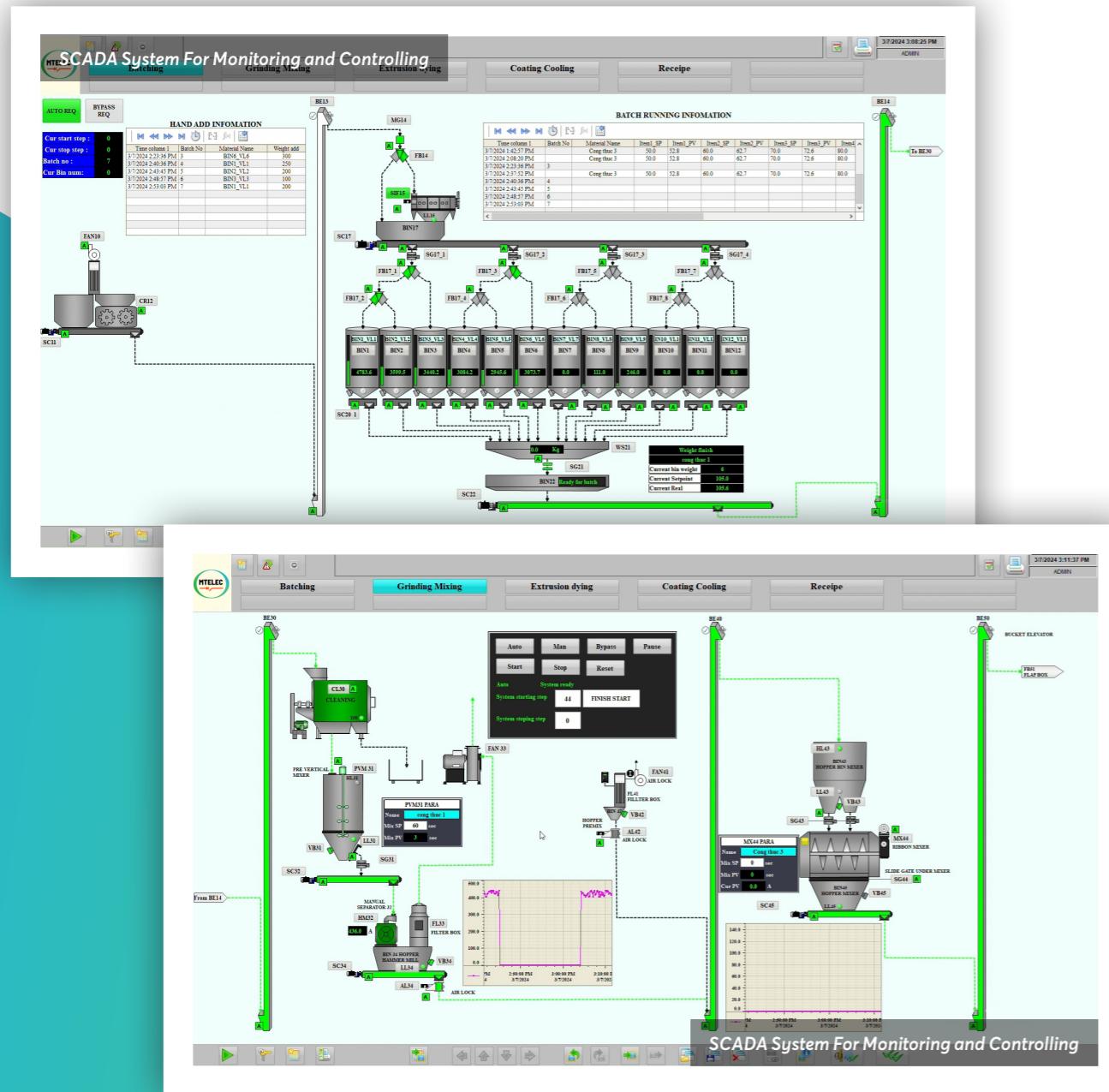


2. Automation Design And Installation For Process Factory (Feedmill, Aqua...)

PLC and RIO panels (Siemens, Schneider, ABB, Rockwell.....)

MES and SCADA

- Intake (Silo and Flat Warehouse Management)
- Batching (Grinding, Mixing, Premix)
- Pelleting (Pellet, Extruder)
- Packaging
- Report
- Functional Analysis and Programming of SCADA and Automation with HMI, Ignition SCADA Perspective and WinCC Unified.
- Programming PLC (Ladder, Structured Text, Grafset) using EcoStruxure Control Expert Unity Pro (M580 & M340), EcoStruxure Machine Expert SoMachine (M221), Siemens TIA Portal 18 (S7-1200 & S7-1500), Allen Bradley RSLogix 5000 (CompactLogix + HMI).



Mes Management Report

Vacc Coater

Report Type: Vacc Coater, From date: 10.04.2023, To date: 11.04.2023, View: Excel

Vacuum Coater History

Period between 10.04.2023 - 11.04.2023, Batch No: 50304100010001, Product: FG8300.00 - CBN43 <7MM, Start Time: 10.04.2023 08:47, End Time: 10.04.2023 09:22

BIN	CODE	Material	Inc	Planned Qty	Real Qty	Gap
BT2	FG8300.00	CBN43 <7MM	WST3	500.000	603.000	103.000
LQ1	RM619310	Rice Oil	LQ1	12.970	14.000	1.030
LQ2	RM620510	FISH OIL HI OMEGA 3	LQ2	12.970	13.500	0.530
LQ3	RM632505	SHRIMP HYDROLYSATE (TOM)	LQ3	19.450	19.500	0.050

545.390 650.000 104.610

Vacc Coater

Report Type: Vacc Coater, From date: 10.04.2023, To date: 11.04.2023, View: Excel

Vacuum Coater History

Period between 10.04.2023 - 11.04.2023, Batch No: 50304100020001, Product: FG8300.10 - CBN 43 >7MM, Start Time: 10.04.2023 10:53, End Time: 10.04.2023 11:13

BIN	CODE	Material	Inc	Planned Qty	Real Qty	Gap
BT2	FG8300.10	CBN 43 >7MM	WST3	500.000	500.000	0.000
LQ1	RM619310	Rice Oil	LQ1	13.660	14.000	0.340
LQ2	RM620510	FISH OIL HI OMEGA 3	LQ2	16.390	16.500	0.110
LQ3	RM632505	SHRIMP HYDROLYSATE (TOM)	LQ3	16.390	16.500	0.110

546.440 547.000 0.560

History Formular Report

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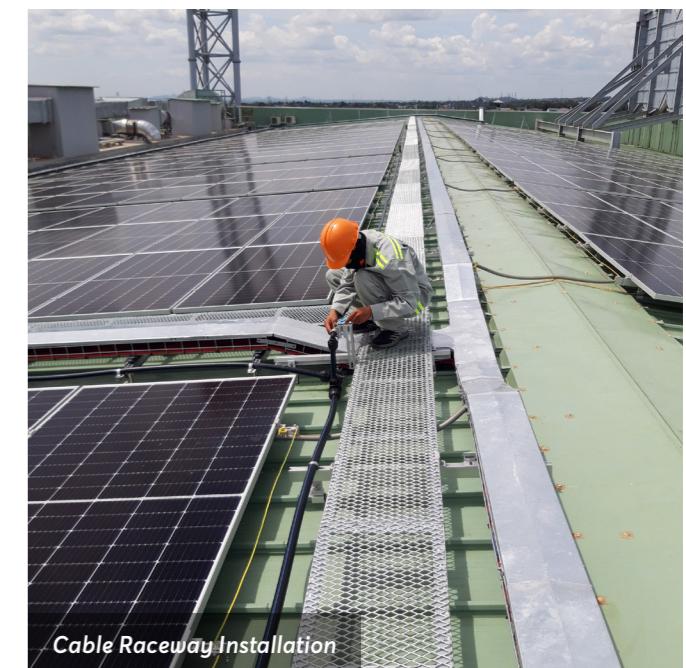
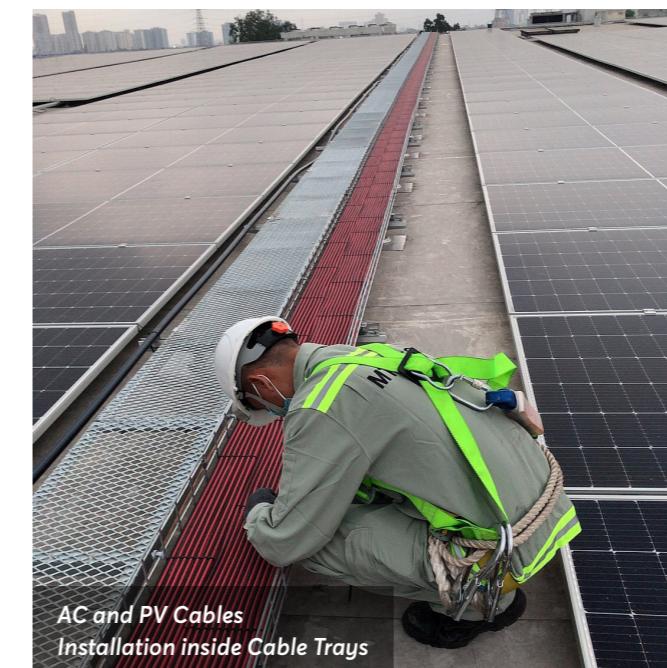
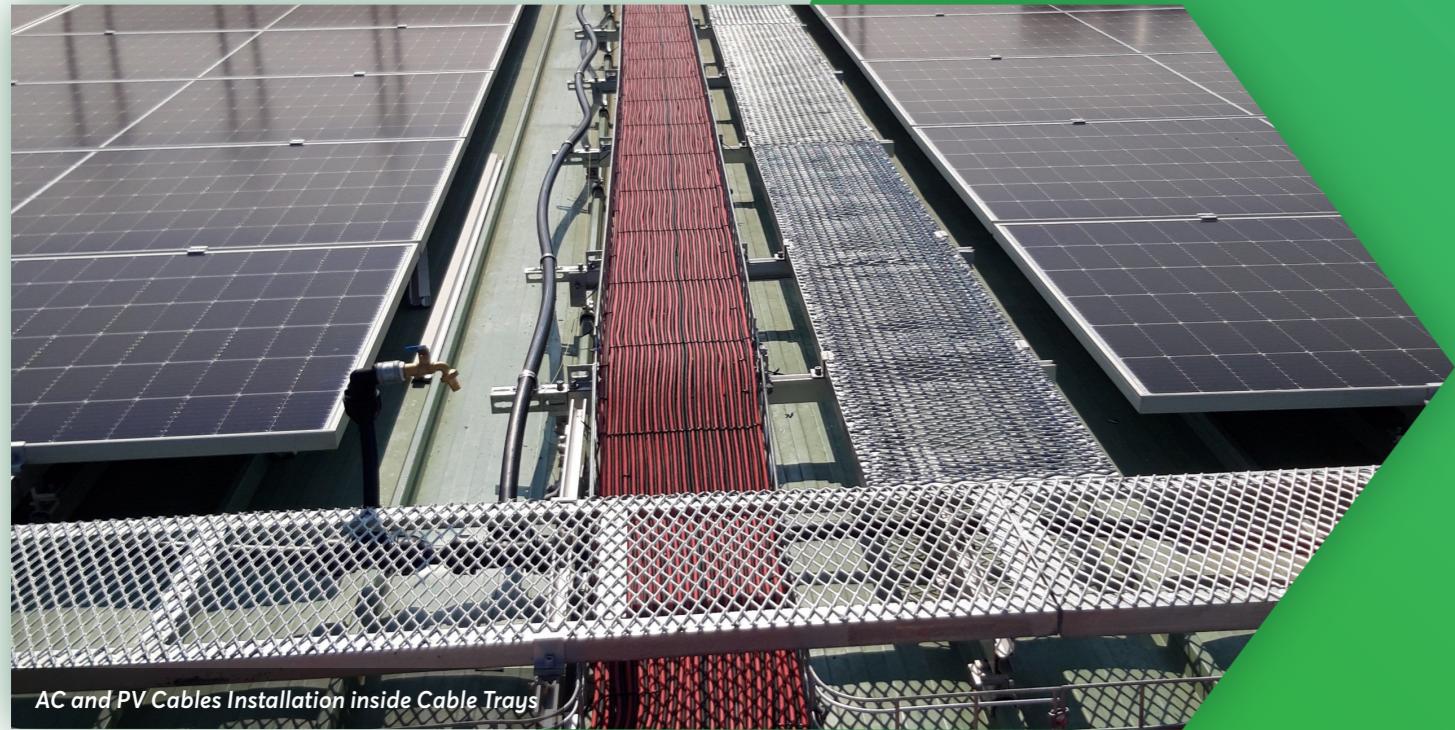
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546.440 547.000 0.560

3. Solar System

- MDB Panel
- AC and PV cable laying
- Grid protection system
- Connection and commissioning

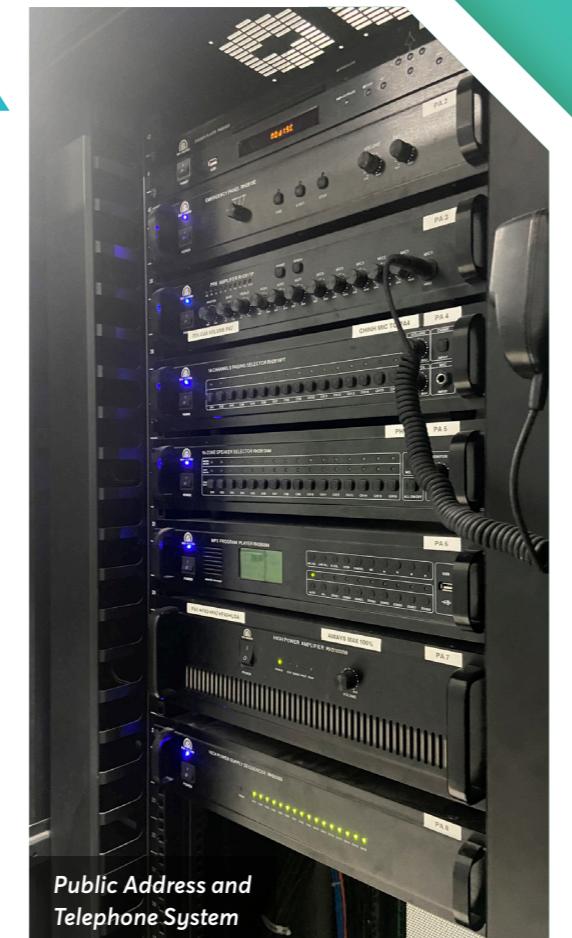


4. ELV Design & Installation

- Data system
- Public address and Telephone system
- Fire alarm system
- CCTV system

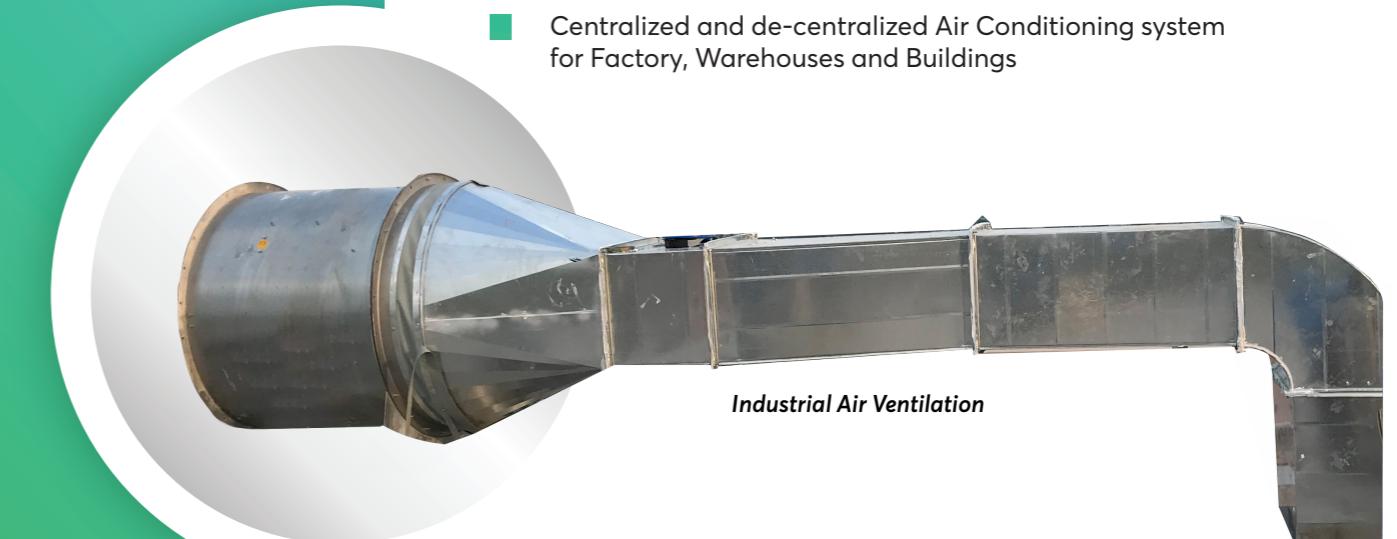


Fire Alarm System



5. HVAC Design & Installation

- Industrial Air Ventilation and Air Conditioning system (Air supply and Exhaust system for machines and equipment)
- Control cable laying and connection
- Instrumentation
- Connection and testing
- Industrial Ventilation System for Factory and Warehouse
- Centralized and de-centralized Air Conditioning system for Factory, Warehouses and Buildings



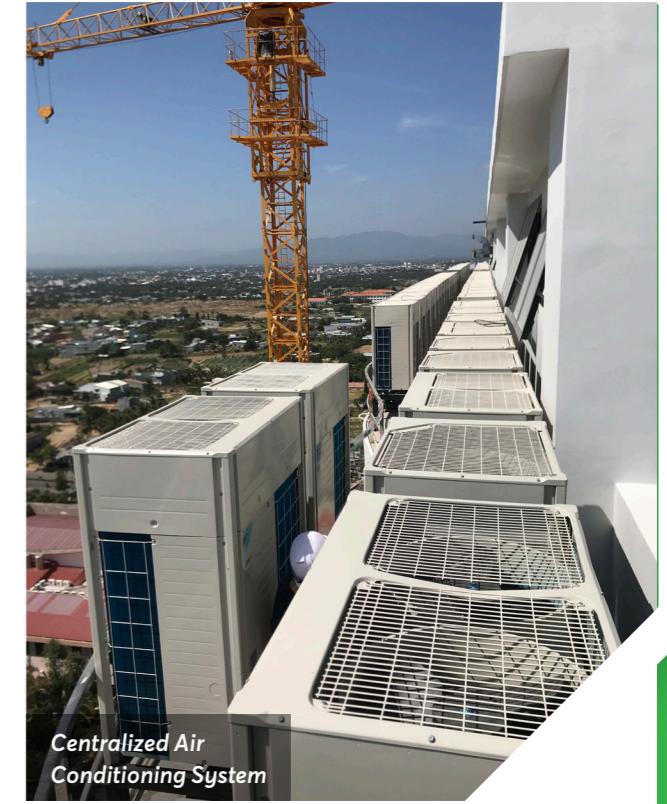
Industrial Air Ventilation



Fire Alarm System



Cooling Tower System



Centralized Air Conditioning System

6. Electrical Service

A. Electrical Study Report

- The purpose of this program are:
- Load flow study
- Stability and dynamic study
- Short circuit study
- Arc flash hazard analysis
- Worked and Reported by **MTELEC**
- Electrical Data Collection
- Upload Data on Easypower Sofware
- Arc Flash Study and Report
- Labelling onsite

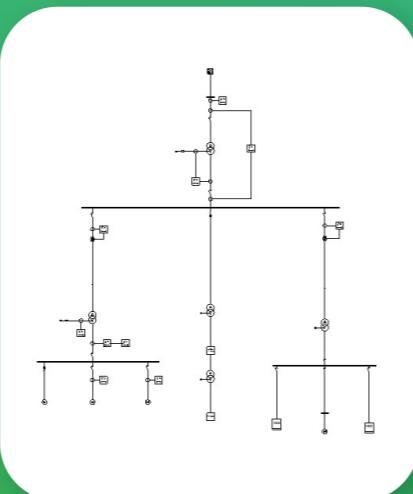
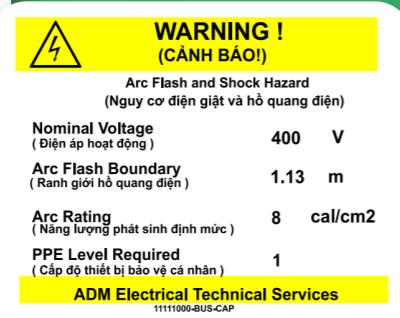
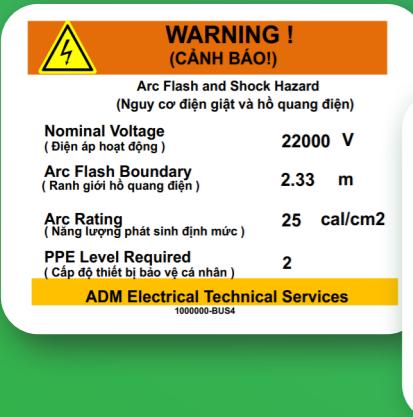
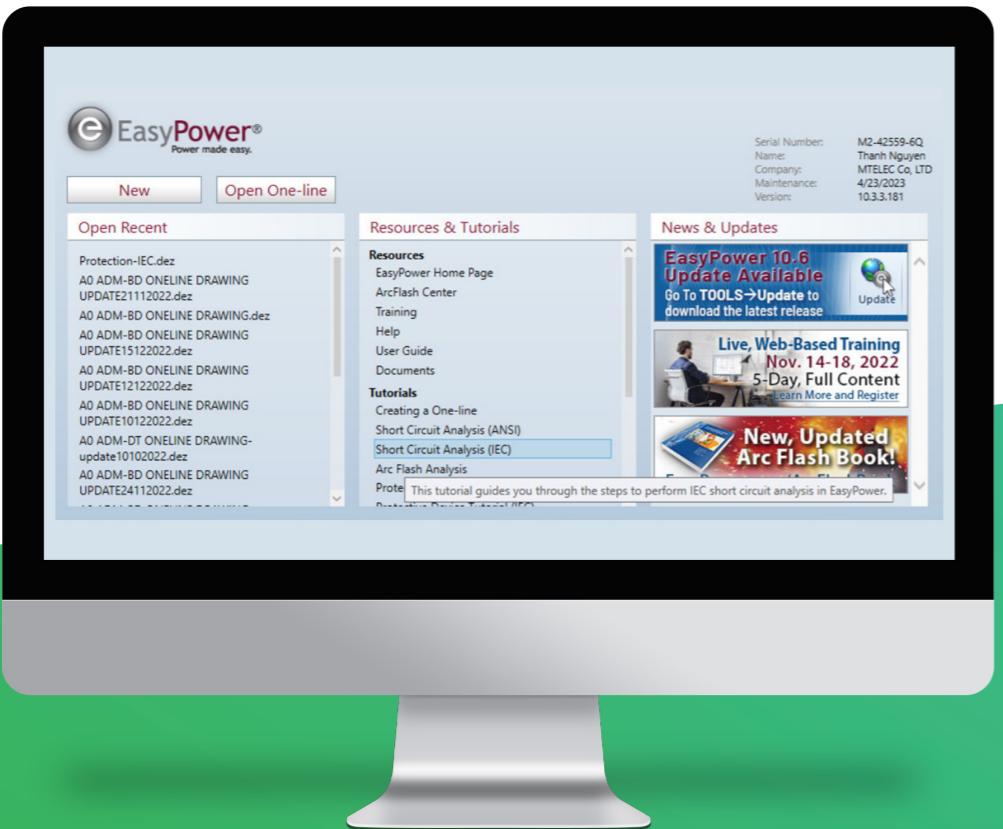


Table Example

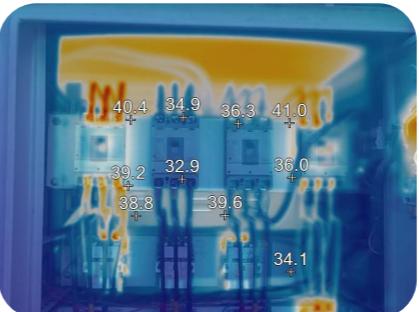
Single Line Diagram Example

B. Thermal Camera

- **Equipments:** Contactor, CBs, Connection, Relays.
- **Measurement:** Measuring device: Fluke TiS75+ Infrared Thermal Imaging Camera (Origin: USA)
- **Inspector:** **MTELEC** Team



PANEL TRANSFORMER 1

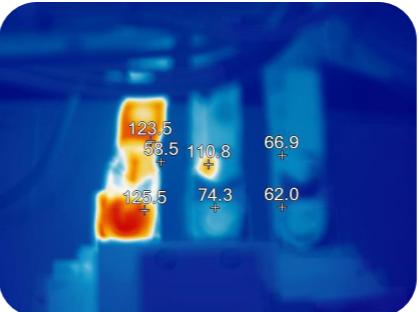


Status: Normal
IR_00009.IS2

Emissivity
Camera Model
IR Sensor Size
Camera Manufacturer
Image Time
Distance to Target

Name	Temperature
P0	40.4°C
P1	39.2°C
P2	41.0°C
P3	34.1°C
P4	36.0°C
P5	39.6°C
P6	38.8°C
P7	34.9°C
P8	36.3°C
P9	32.9°C

PANEL AIR COMPRESSOR

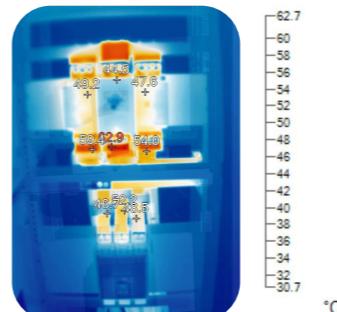


Status: Urgent
IR_00077.IS2

Emissivity
Camera Model
IR Sensor Size
Camera Manufacturer
Image Time
Distance to Target

Name	Temperature
P0	125.5°C
P1	110.8°C
P2	123.5°C
P3	58.5°C
P4	74.3°C
P5	62.0°C
P6	66.9°C

PANEL MSB 1



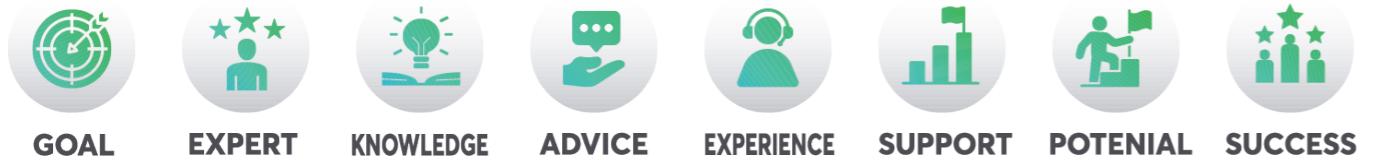
Status: Carefully
IR_00042.IS2

Emissivity
Camera Model
IR Sensor Size
Camera Manufacturer
Image Time
Distance to Target

Name	Temperature
Hot	62.9°C
P0	59.4°C
P1	54.0°C
P2	49.2°C
P3	44.5°C
P4	47.6°C
P5	52.2°C
P6	46.7°C
P7	48.5°C

C. Electrical Supervisor and Consultancy for Local and Oversea

CONSULTING



D. M&E Maintenance Service

- Electrical Panels
- Fire alarm system



Together Everyone Archives More!



TYPICAL PROJECTS

BAO LONG FACTORY



PHU MY PORT
Bao Long

Cảng nội địa Phú Mỹ



Phu My 2 Industrial Park, Phu My
Ward,
Phu My Town,
Ba Ria – Vung Tau Province
Vietnam

■ Supply and install Electrical System included:

- MDB and DB Panels
- Wiring cables, cable routing, pipings
- Earthing and Lighting system
- Camera system
- Transformer 750 KVA

■ Supply and install Electrical System included:

A. Production area 1, 2 and 3

- Cables and cable ladders for existing transformer
- Transformer 3 (1600 KVA)
- MDB Panel 1250A and 2500A
- Utility Panel 1, 2 & 3
- MES 11,12,13, 21, MES 22, MES 23, MES 31, MES 32, MES 33 Panels
- Cables, cable ladders and piping system
- Utilities part

B. Chiller machine

- DB – Chiller Panel
- Cable trays to machine
- Utilities part
- Lightings in factory under Rack for machine

C. Color room

- DB – Panels
- Cable trays and Conduits
- Electrical equipment

D. Office

- E. MES system for machine
- F. MDB panel number 3

FRAMAS NHON TRACH FACTORY



framås[®]
footwear technologies



Street No. 03,
Nhon Trach II Industrial Zone
Nhon Phu, Phu Hoi Ward, Nhon
Trach District,
Dong Nai Province

CARGILL FACTORY



ADM HOA MAC FACTORY



Street No 5, Giang Dien IP, Giang
Dien Ward,
Trang Bom District,
Dong Nai Province,
Vietnam

■ Supply and install MCC Panels included:

- MCC Process; MCC 100-1; MCC 300+400; MCC 200-1, Blokset Fixed type, form 3B
- MCC 100-2; MCC 200-2 Blokset withdrawable type, form 3B
- Control Power supply and Relay for Output (CPS & RDO Panel)

■ Supply and install Cable System included:

- Cable routing
- Power and Control cables
- Electrical Equipment

■ Supply and install Electrical System included:

- MCC Extension Panels (Blockset with drawable)
- Cable trays and conduits
- Power and control cables
- Emergency system
- Switch for motors
- Earthing and Utility system
- Instrumentation part

■ Supply and install Electrical Panels included:

- PLC Panels
- RIO1 Panels
- RIO2 Panels
- RIO3 Panels



Street No N5, Lot B,
Hoa Mac IP,
Duy Tien District,
Ha Nam Province,
Viet Nam

CP BANGLADESH BOGRA FACTORY



CP HAI DUONG FACTORY



Noymile, Bogura,
BANGLADESH, Bogra,
Rajshahi Division,
Bangladesh



■ Supply and export Electrical Panels from MTELEC's workshop to Bangladesh included:

- MCC Panels and MDB Panels
- Power Distribution Panel-1
- Power Distribution Panel-2

■ Supply and install Loadcells, Sensors and PLC part included:

- PLC control center
- Remote control box

■ Supply and install all Electrical Panels included:

- MCCs Panel
- LVDBs Panel and Capacitor Bank Panels
- Morillon Panel and PLC Panel

■ Supply and install Lightings and Earthing system

■ Installation Cables and cable routine from LVBDs panel to MCCs panel

■ Installation Cables and cable routine from MCCs panel to Motors



Tan Truong IP,
Tan Truong Ward,
Cam Giang District,
Hai Duong Province,
Vietnam



■ VALUABLE CUSTOMERS



MTELEC is continually striving to enhance our services, to better develop and meet the needs of our valued customers. Your feedback and suggestions have been improving our services, and we are committed to delivering the best quality solutions to all of you.

WE gratefully appreciate your loyalty and trust in **MTELEC**. We would like to take a moment to express our thankful gratitude to your cooperation in the past and we are looking forward to cooperating with all the customers and partners in the future.

Thanks and Best Regards,

MTELEC Co., LTD



Baud



Manuchar



Chantelle





"Reliability, Quality and Safety"

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Hoa B Ward, Binh Tan District,
Ho Chi Minh City, Viet Nam



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