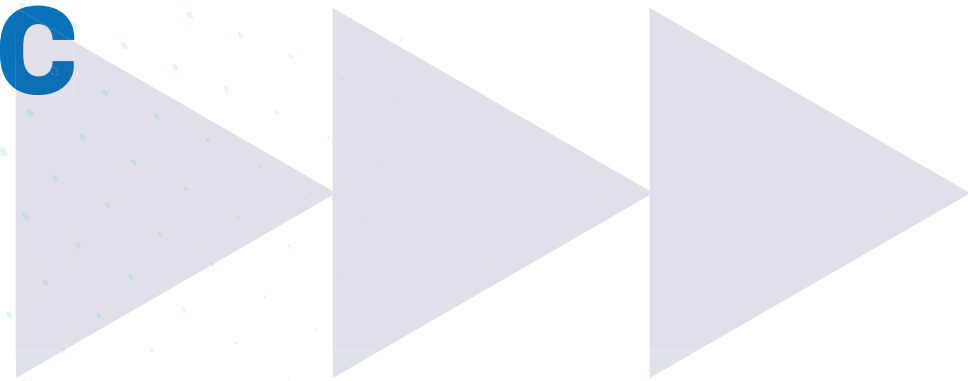


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## COMPANY PROFILE

# HAINAM AUTOMATION TECHNOLOGY JSC

# **WELCOME TO** **HAINAM AUTOMATION** **TECHNOLOGY JSC**





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# Open Letter

A portrait of a man with short dark hair and glasses, wearing a dark suit, light blue shirt, and white tie. He is standing against a white background.

**HUYNH QUOC HUNG**

**CHAIRMAN & CEO**

## Dear our Partners and Valued Customers.

Hai Nam Automation Technology JSC would like to send our respectful greetings and sincere appreciation to our partners and our valued customers, who have always believed in us and supported us for so many years.

We have nearly 20 years of establishment, development, and providing the most modern and highest quality electrical products in Total Power and Automation Solutions, including Medium / Low-Voltage Switchgears; MCC-Motor Control Center; SCC-Synchronized Control Center; PLC, DCS and SCADA; PMS-Power Management System; BMS-Building Management System; and Data Centers. Hai Nam's products have been granted Type-Test by ASTA with International IEC Standard.

Our production line is equipped with advanced technology and the state-of-the-art equipments following international standards, operated by the Hai Nam team of experienced engineers and skilled workers.

We are Schneider Electric's top trusted partner. In addition, we are the proud partner of Siemens and Mitsubishi.

In terms of scale, we have 5 manufacturing plants in 3 different countries. The headquarters are located at Saigon Hi-Tech Park in Ho Chi Minh City (one of the three national high-tech parks established by the Government), with a total area of over 17,500 m<sup>2</sup>. The company's quality management system, safety, healthy, and working environment have been recognized with the standard ISO 9001:2015 and ISO 14001:2015 certified by the international organization SGS.

Our successful story for our skilled hard-working employees and qualified products is that we have received the trust from more than 500 valued customers with more than 1,000 projects in Vietnam, as the leading provider, and in international market in Asia. We always think of our skilled employees are the key to all success for Hai Nam. Our team leaders and skilled employees of more than 500 people, including about 160 engineers, are all dedicated employees. They are with a high level of ability, cooperation, and professional, who constantly strive for higher achievements.

We commit doing our best to provide satisfaction to our partners and valued customers by delivering the best quality products, guaranteed progresses, after-sale 24/7 service, and handling customer requests quickly and professionally.

# History

---

**2002**  
**2003**

Established factory in Ho Chi Minh city.

Hai Nam's Low -Voltage Switchboard Panel received the Type-Tested Certificate by ASTA with IEC 60439 Standard.

**2004**

Schneider Electrics granted Hai Nam with the Blokset Licensee.

**2007**

Set up the second Hai Nam factory in Cambodia.

**2013**  
**2014**

SIEMENS granted Hai Nam the Medium-Voltage SIMOPRIME licensee.

Set up the third Hai Nam factory in Ha Noi, Vietnam. Hai Nam received authorization of Rockwell SI Automation System Intergrator.

**2015**

SIEMENS granted Hai Nam the Medium-Voltage SIMOSEC licensee.

Established the fourth Hai Nam factory in Myanmar.

**2016**

Medium-Voltage SIMOPRIME 24kV switchboard panel produced by Hai Nam received the Type-Tested Certification by ASTA.

**2018**

Established the fifth Hai Nam factory in Hi-Tech Industrial Park, District 9, HCMC.

Low-Voltage SSnR switchboard panel designed and produced by Hai Nam certified with the standard IEC 61439-2.

Hai Nam received authorization of Rockwell Automation System Integrator.

**2019**

Hai Nam established and developed Data Centers.

Schneider Electric granted Hai Nam the Medium-Voltage PIX Easy licensee to produce the product for the Myanmar Market.

Became Registered EcoXpert of Schneider.



# Mission

---

Our Mission is:

**WE MAKE THE DIFFERENCES**

---

## Vision

---

- \_ To become the top Electrical Switchboard Panel Provider in Viet Nam for Total Power and Automation Solutions.
- \_ To be reputed and to dominate the business regionally and internationally.

## Core Values

---

- \_ To be transparent, long-term cooperated, and mutual beneficial.
- \_ To commit fulfilling the social responsibility.
- \_ To focus on product quality, customer services, and technical improvement.

# Human Resources Qualifications

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**500+**  
**EMPLOYEES**

---



**University Degree  
and Postgraduate**

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**College Degree**

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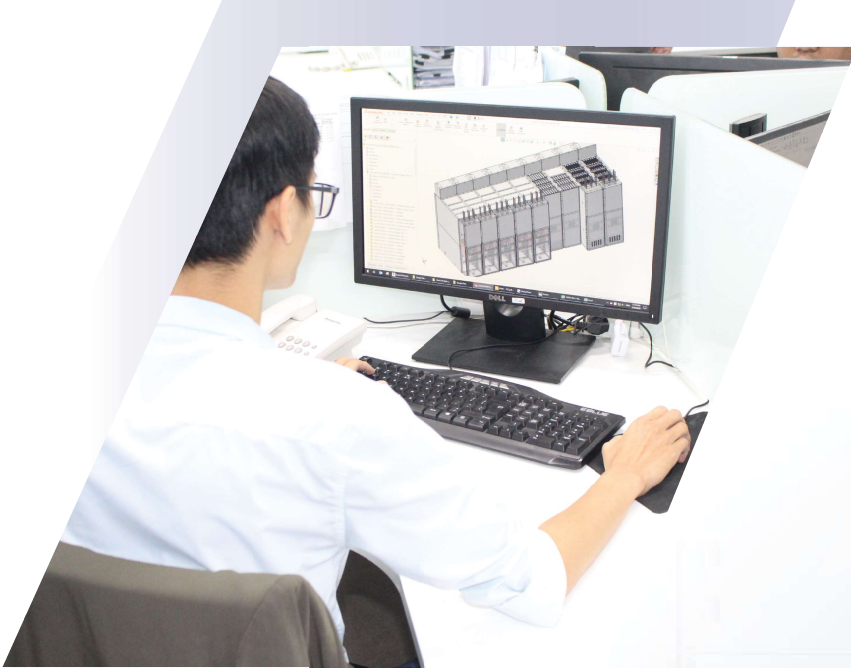


**Vocational Certificate**

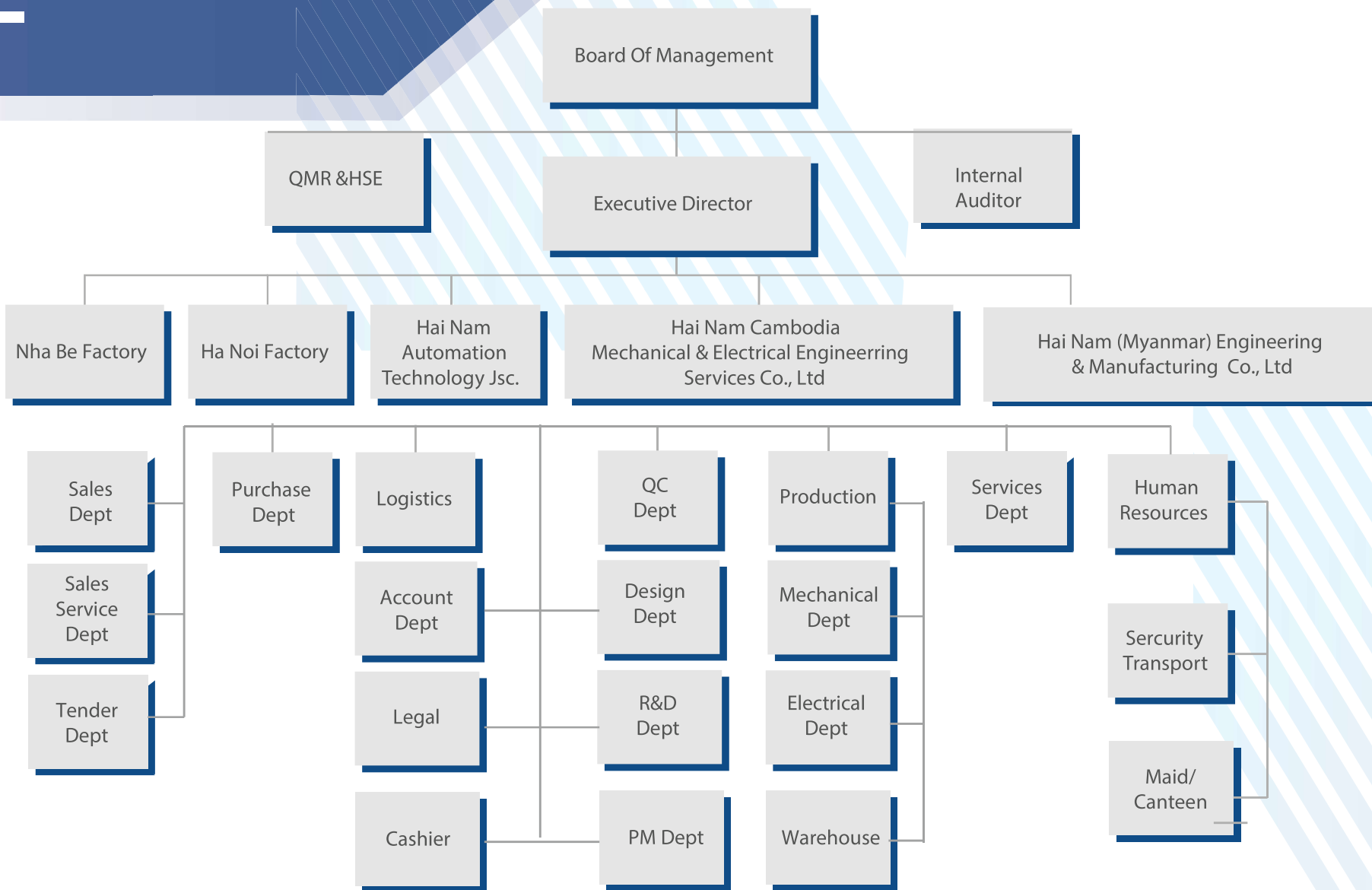
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**In-House Trained  
Employees**

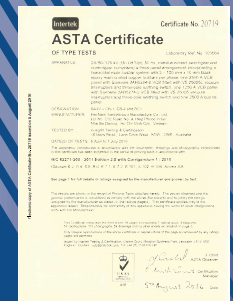
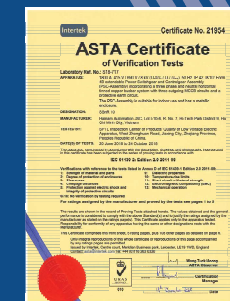
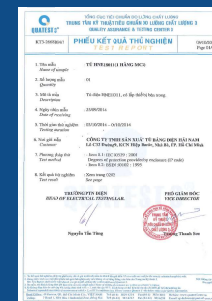
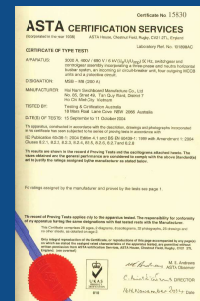
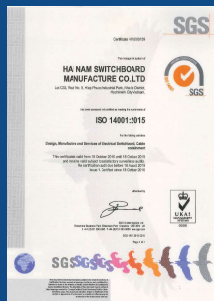
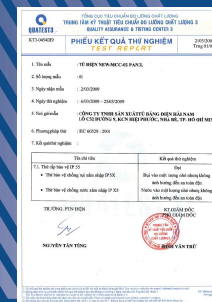
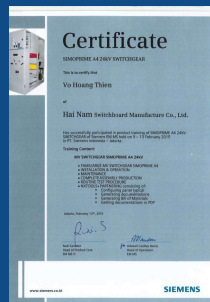


# Organization Chart





# Certificates



# Product Line



◆ Synchronizing Panels



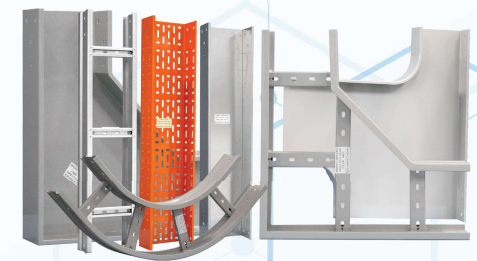
◆ Main LV Switchboards



◆ Motor Control Center



◆ Medium Voltage Switchgear



◆ Wireway Support

# Medium Voltage Metal Clad Switchgears



♦ Simoprime



♦ Simosec



♦ PIX Easy



# Full Range of Low Voltage Switchboard



♦ Blokset

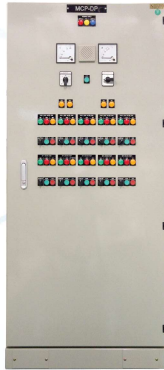


♦ SSnR



♦ Hai Nam MSB Panel

# Other Panels



♦ Sub-distribution Boards



♦ Distribution Board Panel



♦ Fire Fighting Control Panel



♦ Kiosk Sub Station



♦ Consumer Unit - Embedded/  
Flush Mounting



♦ Consumer Unit -Surface  
Mounting



# Equipment & Technology

## Punching Machine

- ♦ Motor: **Servo**
- ♦ Electricity 3 phase **220V 50Hz**
- ♦ Power required **25kVA, 72A**



## Bending Machine 1.3m

- ♦ Maximum strength : **60 ton**
- ♦ Maximum bending length: **350mm**



### Bending Machine 2.5m

- ◆ Maximum strength: **80 ton**
- ◆ Maximum bending length: **2.550mm**

### Bending Machine 3m

- ◆ Maximum strength: **220 ton**
- ◆ Maximum bending length: **3.110mm**



### Laser Shearing Machine

- ◆ Size: **2400 x 1200**
- ◆ Cutting Capacity: **3kW**



**Brand : OMICRON-AUSTRIA**  
**Model : CMC 256 Plus**  
**Range : 0 – 600V (AC&DC)**  
**0 – 128A (AC&DC)**  
**50Hz – 60Hz**



**Brand : AJIT-INDIA**  
**Model : vav**  
**Range : 199.99 mΩ (1 A)**  
**19.999 mΩ (10 A)**  
**1999.9 μΩ (100 A)**



**Brand : AEMC-USA**  
**Model : 8510i**  
**Range : VT/PT: 0.8000 – 8000:1**  
**CT: 0.8000 – 1000:1**



**Brand : PONOVO-CHINA**  
**Model : L336i**  
**Range : 6 x 0~15A**  
**4 x 0~300V**  
**1 ... 1000Hz**



**Brand : SCHNEIDER ELECTRIC-USA**  
**Model : 33595**  
**Range : 0.02A – 2.3A (DC)**



**Brand : PHENIX-USA**  
**Model : 6CP100/50-10**  
**Range : 0 – 50 kV, 200mA (AC)**  
**0 – 100kV, 100mA (AC)**



**Brand : HIOKI - JAPAN**  
**Model : PW 3198**  
**Range : 0 – 5000A (AC)**  
**0 – 600V (AC)**  
**0 – 1 (Power Factor)**  
**40Hz-70Hz**



**Brand : EA TECHNOLOGY-UK**  
**Model : CMC 256 Plus**  
**Range : 0 – 600V (AC&DC)**  
**0 – 128A (AC&DC)**  
**50Hz – 60Hz**



**Brand : HIOKI - JAPAN**  
**Model : 3158**  
**Range : 0 – 5kV (AC)**  
**0.01mA – 120mA (AC)**

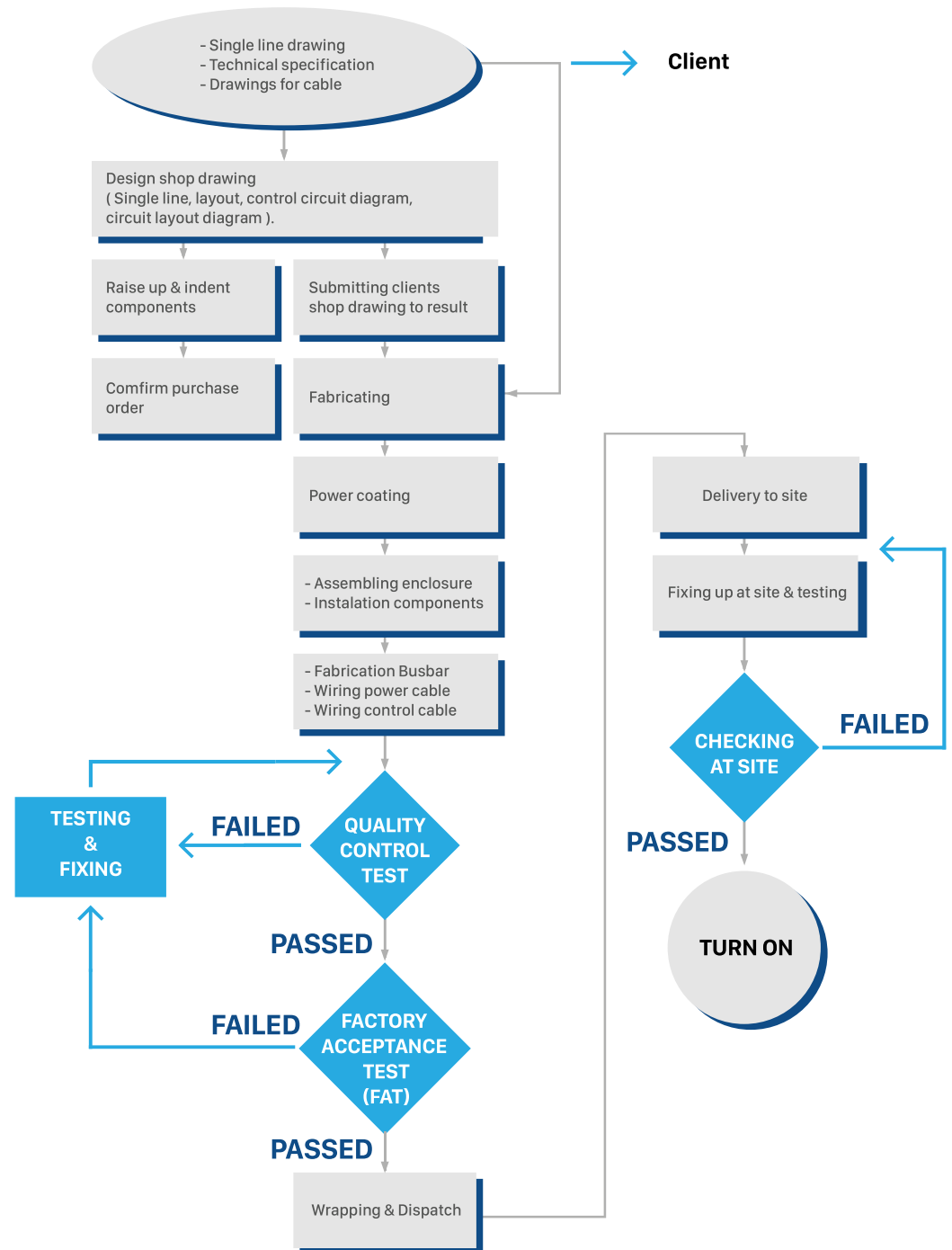


**Brand : FLIR - ESTONIA**  
**Model : I7**  
**Range : -20°C – 250°C**





# Production Process





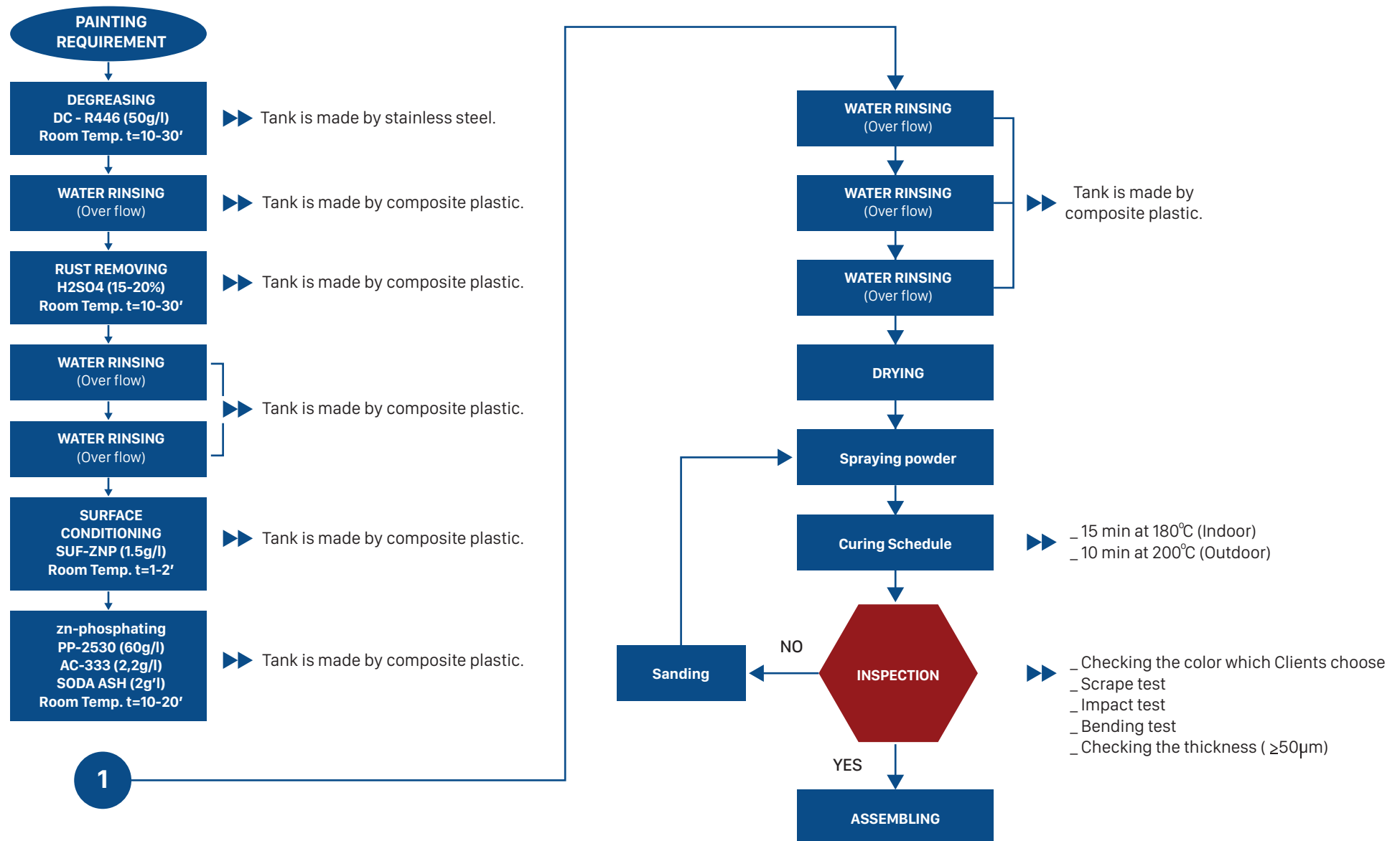




# Powder Coating Process

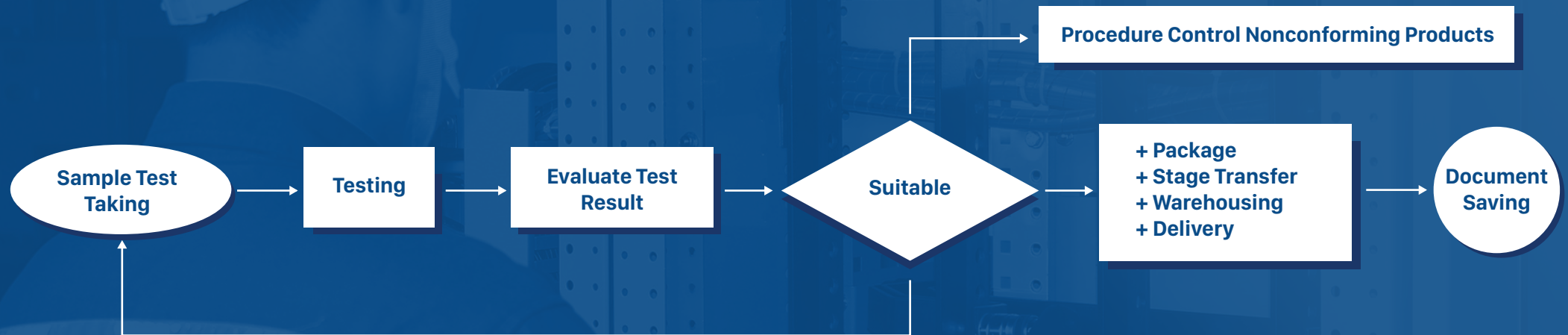
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# Complete and Check

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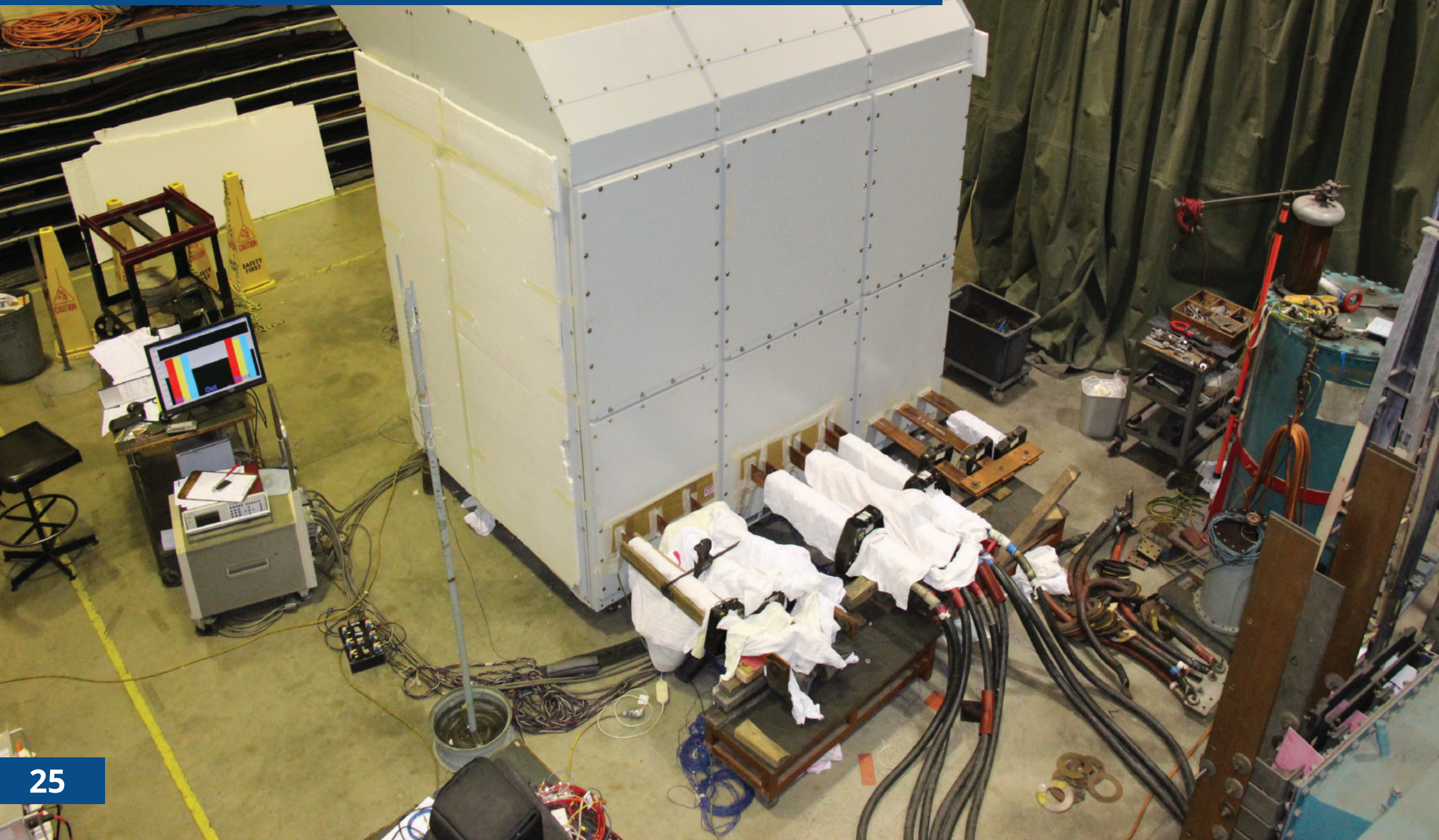


**Quality  
Testing**





# MV Withdrawable Panel Testing





## Internal Arc Flash Test

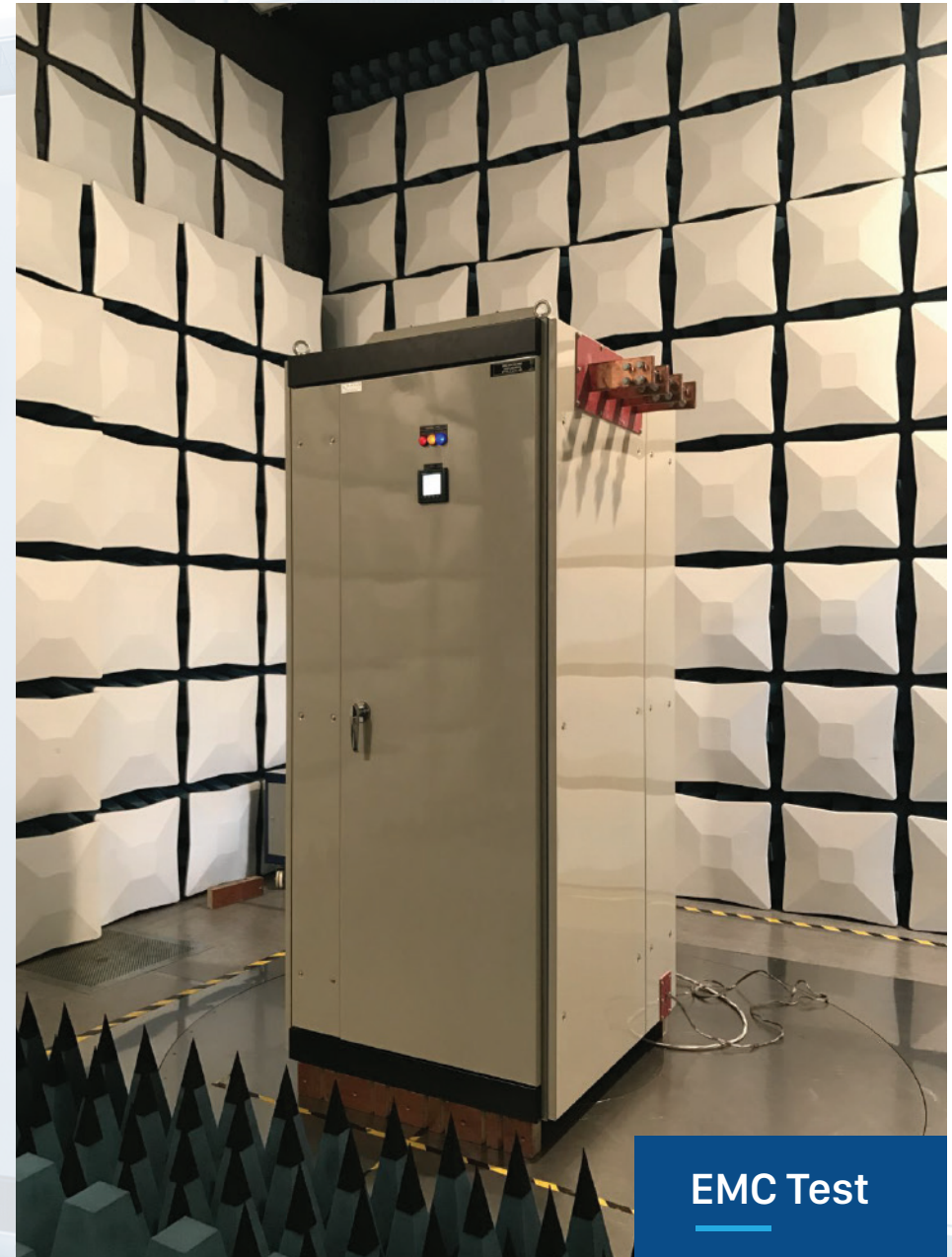




# SSnR Panel Testing



Short Circuit  
Withstand Strength



EMC Test



## IP Test



## Power Frequency Test



# Hai Nam LV Panel Testing

IP Test



Impulse Voltage Withstand Test





Short Circuit Test From Control Room



High Voltage Test



# Services

---

- Dedicated Service Team at the Headquarters including 5 engineers and 15 skilled technicians.
- Field Service Engineers for the region - available within 24 hours
- Online E - Service Module
- Hotline:  
+84 090 23 23 475  
+84 090 23 23 495
- Myanmar Branch :  
+95 9253 247 697

## Services For Remote Project:

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Product transported to other provinces by truck with reinforced packaging.

Hai Nam Representative is present at the unloading process.

Representative Office - Local Service Team first response within 2 hours upon client's request.

## We specialize in services:

---

- ACB Upgrade and Retrofit.
- Testing and Commissioning Support.
- Panel Extension and Modification.
- Power Quality Analysis.
- Thermal Scan Camera Service.
- Relay Testing Services.
- Power Factor correction equipment.
- Emergency Response Team.

# Automation Products and Services

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**Power Management System (PMS), Power Quality Monitoring, Utility Monitoring and Control System**

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**SCADA for Power Distribution System**

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**Building Automation and HVAC Control Systems**

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**PLC & SCADA solutions for Factory Automation and Process Control**

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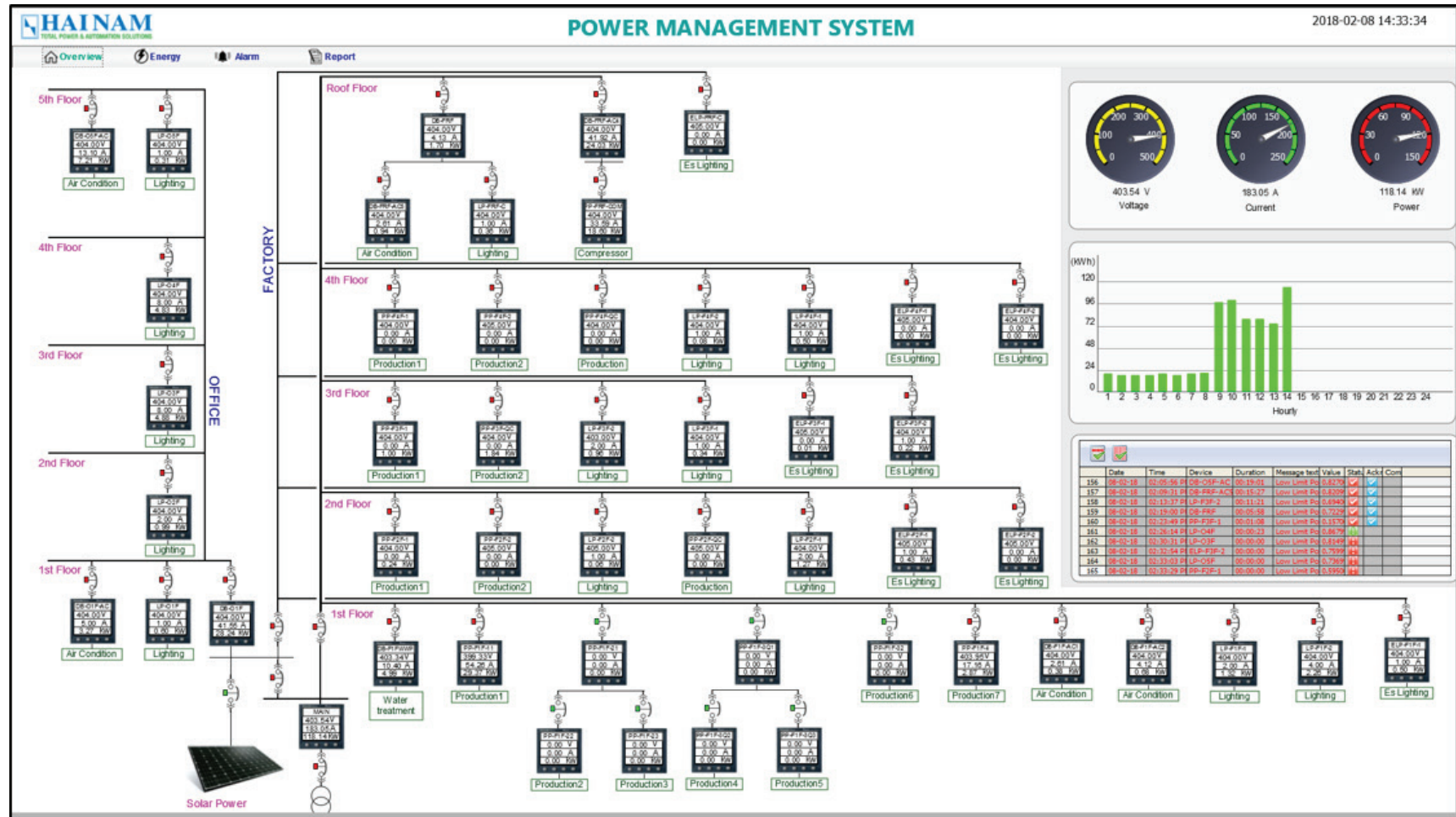








# Power Management System

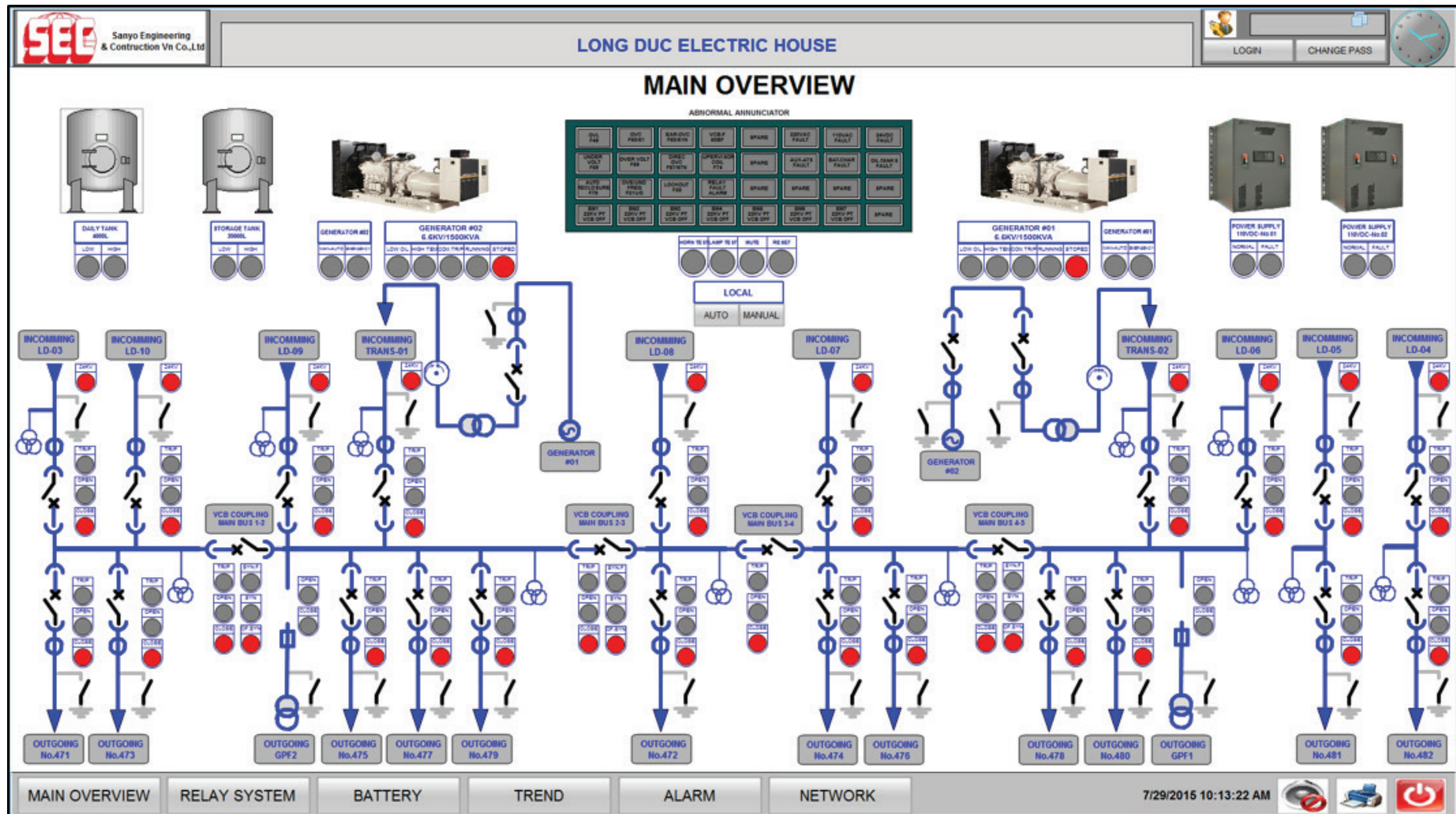


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# SCADA for Power Distribution System





# Factory

---

FACTORY  
FACTORY









# Activities - Events



**CERTIFICATE WORKSHOP SIMOPRIME A4**



## BLOKSET WORKSHOP COMPREHENSIVE SOLUTION FOR LV PANELS



## mitsubishi SSnR TYPE TEST





## SIGNING CEREMONY IN JAPAN





## ACTIVITIES - SPORTS





# Projects - Partners

## PROJECT ON - GOING

- The Empire City
- Gamuda MV Substation
- Denso Extension Factory
- Terumo Phase 3
- Nam Bung Hydro Plant
- Hoi An South Development
- Tap off Unit (Siemens)
- Lixil Factory
- Da Nang Ring Network Airport

## PAST PROJECT

### DOMESTIC PROJECTS

- ◆ 2019 - 2020
  - HaNoi Steel Center
  - Phu My Steel Center
  - Yen So Drain Pumping Station
  - Da Nhim Hydropower Plant
  - Dung Quat Oil Refiner
  - P&G Factory
  - Unilever Factory
  - Noi Bai International Airport
  - Tan Son Nhat International Airport
- ◆ 2017:
  - TIGER OFFICE
  - OLAM CAFÉ FACTORY
  - CAM RANH international airport
  - Sai Gon Hiep Phuoc port
  - First Solar
  - Swire Bac Ninh
- ◆ 2016:
  - Da Nang International Airport VN
  - Nestle Bong Sen Hung Yen
  - NPK PHU MY
- ◆ 2015:
  - P&G Ben Cat
  - The Vista
- ◆ 2014:
  - SC VIVO City
  - AEON Mall Ha Noi
  - US Based Microelectronic Company
  - Amway Vietnam
- ◆ 2013:
  - Tan Son Nhat International Airport
- ◆ 2012:
  - MGM Ho Tram
  - Noi Bai International Airport
- ◆ 2009:
  - Bitexco Financial Tower

### INTERATIONAL PROJECTS

- ◆ 2019 - 2020
  - East Ukraine Metallurgical Company
  - Myanmar Steel Plant
  - Khmer Electrical Power
  - Kumho Asian Plaza
  - Crown Cork Sihanoukville & PNH
  - Battambang And Kampong Cham
  - Coca Cola Cambodia
  - Yangon International Airport
  - Siem Riep International Airport
- ◆ 2017:
  - Aeon Phnom Penh 2
  - Nestle Myanmar
  - Suzuki factory
  - Boxpak (Myanmar) factory
- ◆ 2016:
  - Mercedes-Benz
  - Kabar Aye Executive Residence
  - Pullman Mandalay
- ◆ 2015:
  - Yangon International Airport
  - Chardonnay Denso Cambodia
- ◆ 2014:
  - Phnom Penh International Airport
  - Crown-Cork Sihanoukville
  - Sihanouk International Airport
- ◆ 2013:
  - Vattanac Capital Cambodia
- ◆ 2012:
  - Laos Nam Ngum II Hydropower



## INVESTOR



## SUPPLIER



## CONTRACTORS



# Branch

## Ha Noi Factory

- \_ 3 km from Noi Bai Airport.
- \_ 15 km from downtown
- \_ In Quang Minh Industrial Park.

## Myanmar Factory:

- \_ 20 km from downtown Yangon.
- \_ 10 km from Thilawa Special EZ

## Cambodia Factory:

- \_ Street No.#30 (National Road No.3)
- \_ Preykeykor village,
- \_ Phnom Penh, Cambodia

## Headquarters

- \_ North East of Ho Chi Minh City (13km)
- \_ Strategically close to Cat Lai Container Terminal.
- \_ In Saigon High Tech Park

## Nha Be Factory

- \_ South East of Ho Chi Minh City
- \_ 20 km from downtown.
- \_ Strategically close to Saigon Premier CT.
- \_ In Hiep Phuoc IP



# Contact

## VIETNAM:

### Ho Chi Minh City

**Factory 1:** Lot I-10-6 Road No. D7

Hi-Tech Park, District 9, HCMC, Viet Nam

**Tel.:** (+84) 28 7109 9904

**Fax:** (+84) 28 7109 9905

**Factory 2:** Lot No. C 32, R. No. 9,

Hiep Phuoc IP., Ho Chi Minh City, Viet Nam

**Tel.:** (+84) 28 3873 4066

**Fax:** (+84) 28 3873 4067

### Ha Noi

**Factory:** Lot No. 45, Quang Minh IP.,

Me Linh, Ha Noi City, Vietnam

**Tel.:** (+84) 24 38 133 011

**Fax:** (+84) 24 38 133 010

## 24 HOUR HOT - LINE NUMBERS:

**Vietnam:** (+84) 902 323 475 / 902 323 495

**Cambodia:** (+855) 23 982 162 / 81 200 577

**Myanmar:** (+95) 562 3177

## MYANMAR

No. 18 Kyaik Khaut Pagoda Road,

Thanlyin Township, Yangon, Myanmar

**Tel:** (+95) 562 3177

(+95) 925 324 7697 (Myanmar)

(+84) 948 676 068 (Viet Nam)

## CAMBODIA

Street #30m (National Road #3),

PreyKeyKor Village, PongToek Commune, DangKor Dist.,

Phnom Penh City, Kingdom of Cambodia

**Tel:** (+855) 81 200 572 (+855) 81 200 578

**Fax:** (+855) 23 982 162



**E-Mail:** Email: [hainam-panel@hainamswitchboards.com](mailto:hainam-panel@hainamswitchboards.com)

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