



COMPANY PROFILE

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About NTT ALTAWAKOL

ISO
9001 : 2015

ISO
45001 : 2018

ISO
14001 : 2015

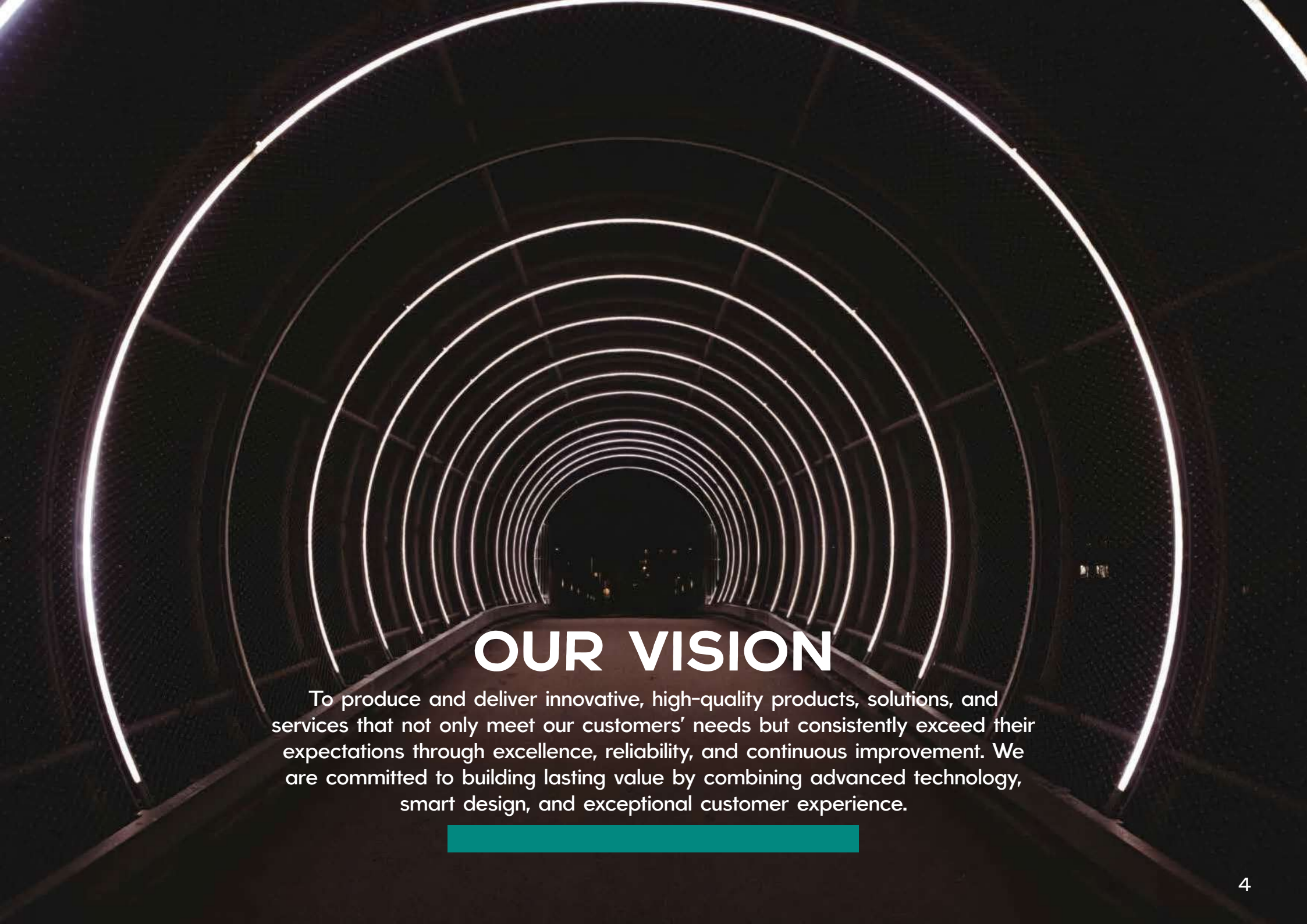
3
Business Units
Lighting, Steel & Power

7
Factories

500+
professionals

30 Years
of successful achievements in
the market

640+
awarded projects in
2025



OUR VISION

To produce and deliver innovative, high-quality products, solutions, and services that not only meet our customers' needs but consistently exceed their expectations through excellence, reliability, and continuous improvement. We are committed to building lasting value by combining advanced technology, smart design, and exceptional customer experience.



OUR MISSION

To build enduring partnerships with our customers and suppliers through integrity, collaboration, and service excellence. Guided by a customer-first philosophy, we are dedicated to providing a smooth and satisfying experience from initial engagement to after-sales support, ensuring trust, loyalty, and long-term success.

OUR CORE VALUES



TEAMWORK

Collaborative effort of individuals working together towards a shared goal, with a strong emphasis on fostering a positive team culture. It involves effective communication, mutual respect, trust, and a commitment to the success of the team.

AGILITY & SPEED

Refers to the ability to adapt quickly to change, make decisions swiftly, and respond effectively to challenges and opportunities.

CUSTOMER FOCUS

Placing the customer at the heart of all business decisions and actions. It's about understanding your customers' needs, exceeding their expectations, and building long-lasting relationships. Fostering a culture where employees understand and prioritize customer needs.

POSITIVE THINKING & ATTITUDE

The ability to maintain an optimistic outlook, even in challenging situations, inspire and motivate others to do the same.

INTEGRITY

By demonstrating integrity, build trust with stakeholders, foster a positive company culture, enhance the company's reputation. It means being honest, ethical, and consistent in your words and actions. This ultimately leads to long-term success and sustainability.

NTT ALTawakol TIMELINE

1 1996

ALTawakol Group acquired Nassib Torcom; a trading company specialized in lighting and changed its name to become Nassib Torcom & Tawakol (NTT).

2 1998

Couple of years later, ALTawakol Group established a lighting factory in El Oubour city.

3 2005

The company opened a 1st class automated factory to produce Cable Management Systems.

4 2008

Following the market needs, NTT established a Hot-Dip Galvanization plant.

5 2011

With a clear strategic growth plan, NTT established a factory specialized in street lighting & high mast poles.

6 2012

NTT added an assembly plant for low voltage Panel Boards and became a Panel Builder / Prisma Partner with Schneider Electric.

7 2017

NTT obtained the ISO TUV 2015 - 9001
ISO TUV 2015 - 14001 / ISO TUV 2018 - 45001 Quality Management Certification.

8 2018

Built a local professional indoor and outdoor architectural lighting brand SOLIS.

9 2019

Established a factory for Bus-trunking system, power system solutions "PSS".

10 2024

As part of our regional growth strategy, NTT has launched commercial operations in Libya, further expanding and reinforcing our presence across North Africa.

11 2025

NTT entered the Gulf market by establishing a new branch in Saudi Arabia under the name NTT ALTawakol International.

12 2026

NTT strengthened its technical and manufacturing capabilities by opening a Lighting Laboratory and initiating its Steel Fabrication Division.



TARGET MARKETS

- Industrial
- Airports
- Hospitals
- Hotels & Hospitality
- Commercial & Shopping Malls
- Residential Developments





- Railways & Transportation Infrastructure
- Roads & Bridges
- Ports & Terminals
- Real Estate
- Educational Facilities
- Government & Public Buildings





BUSINESS UNITS

LIGHTING BUSINESS UNIT
STEEL BUSINESS UNIT
POWER BUSINESS UNIT



3

LIGHTING

BUSINESS UNIT

From concept to execution, NTT AlTawakol provides integrated lighting solutions designed around your needs and ambitions. Combining locally manufactured products, world-class brand partnerships, creative expertise, and dependable service, we deliver high-performance solutions that turn your vision into reality.

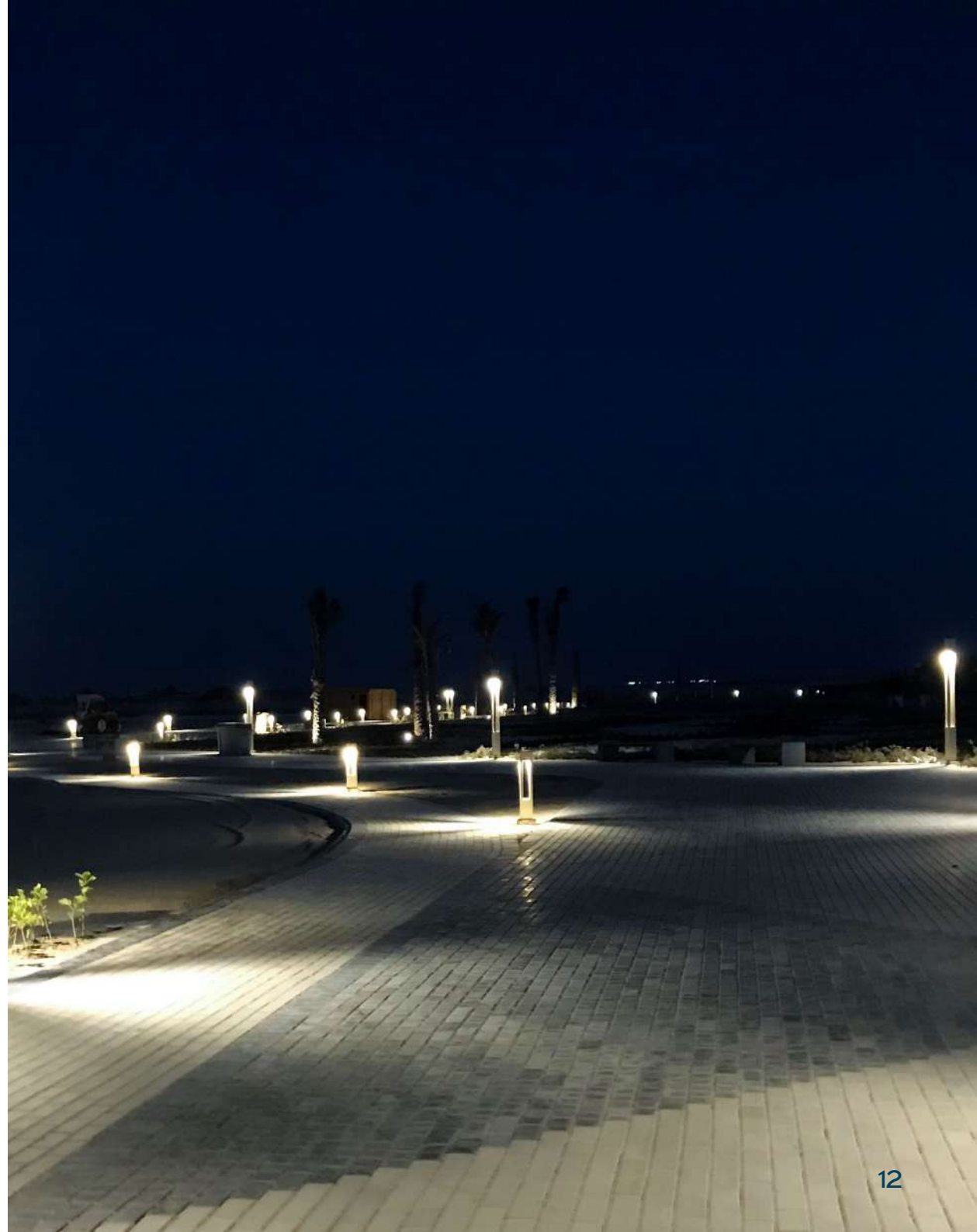
3-1

NTT LIGHTING BRAND

Product Portfolio

Includes:

- Bollards
- Steel Decorative Poles
- Aluminum Decorative Poles
- Industrial Lighting





SOLIS
LIGHT & DESIGN
by ALTAWAKOL

3-2

**SOLIS LIGHTING
BRAND**



**"state-of-the-art architectural
lighting solutions"**

Comprehensive Range of Indoor and Outdoor Architectural Lighting Solutions Includes:

- Recessed and Surface-mounted Downlights**
- Track Lighting Systems**
- Linear Profiles**
- Wall-mounted Fixtures**
- Pendant Lights**

Fully complying with international standards, including IEC 60598-1 & 2, CE, LM79, LM82, TM21, and advanced thermal management testing.

3-3

INTERNATIONAL LIGHTING BRANDS

Advanced European lighting solutions for every application through strategic partnerships with more than 20 leading European lighting brands, we deliver cutting-edge technologies, optimized lighting solutions, and sophisticated designs tailored to a wide range of applications.

 intra lighting

 signify

LAMPT ME

Reggiani

DGA


Luce & Light

LED FLEX

 LENA
LIGHTING

OSRAM

 Pelsan

ATEA
Architectural Lighting

 linea
light
group

IVELA

we-ef

MPILLUMINATION
MARINOS PATRIKIOS ARCHITECTURAL LIGHTING

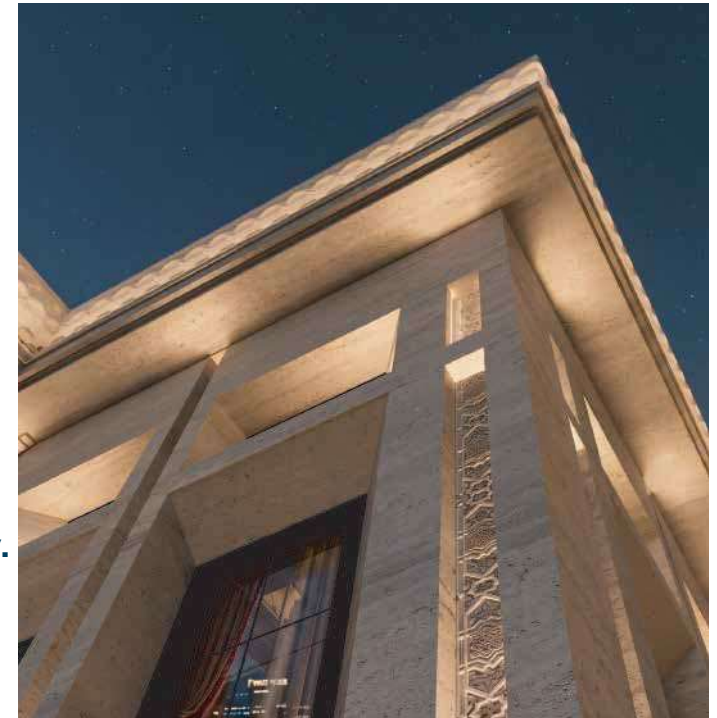
3-4 LIGHTING DESIGN

Backed by extensive industry experience, a highly skilled team of architects, designers, and engineers, along with the latest lighting software tools, NTT ALTawakol delivers a comprehensive range of value-added lighting services tailored to the unique requirements of each project.

Our services include:

- Professional lighting design and precise product selection
- Detailed and comprehensive specification guidelines
- Accurate lux level calculations
- Realistic 3D modeling and visualization of lighting effects
- Customized lighting control scenes, including dimmable and programmable RGB/RGBW systems

From concept development through installation supervision, we provide full support at every stage of the project, ensuring complete satisfaction both technically and commercially.





4

STEEL

BUSINESS UNIT

As one of Egypt's trusted industry leaders, NTT AlTawakol provides high-quality decorative lighting poles and cable management solutions built to international standards. Through certified operations, innovative manufacturing, and dedicated customer support, we consistently deliver reliable solutions tailored to the needs of major projects nationwide.

4-1

CABLE MANAGEMENT SYSTEMS

Our strategy is based on innovative design combined with high-quality manufacturing in accordance with international standards. Supported by ISO 9001, ISO 14001, and ISO 45001 certifications, we ensure quality, environmental responsibility, and workplace safety across all operations.

Using advanced CAD/CAM technologies and modern CNC machinery, we deliver precise and reliable cable management solutions tailored to project requirements.

Our product range includes:

- Cable Trays
- Cable Ladders
- Cable Trunking
- Elbows
- Accessories

Our products are available in hot-dip galvanized, electrostatic painted over hot-dip galvanized, and pre-galvanized finishes upon request.





4-2 STREET LIGHTING POLES

Offering a wide range of lighting poles designs including:

- Conical
- Octagonal
- Stepped

With curved or angled arms to suit different applications, available in heights from 3-14 meters.

NTT lighting poles are hot-dip galvanized by fully immersing steel components in molten zinc, ensuring complete surface protection and long-term corrosion resistance. The galvanizing process complies with international standards including BS EN ISO 1461 and ASTM A123.

Our certified technical team manages the full design process, including structural calculations and wind load analysis, to ensure safe and reliable performance in all conditions.

4-3

STEEL FABRICATION

NTT established a specialized steel fabrication division capable of delivering high-quality custom and tailored steel solutions to the local Egyptian and MENA markets.

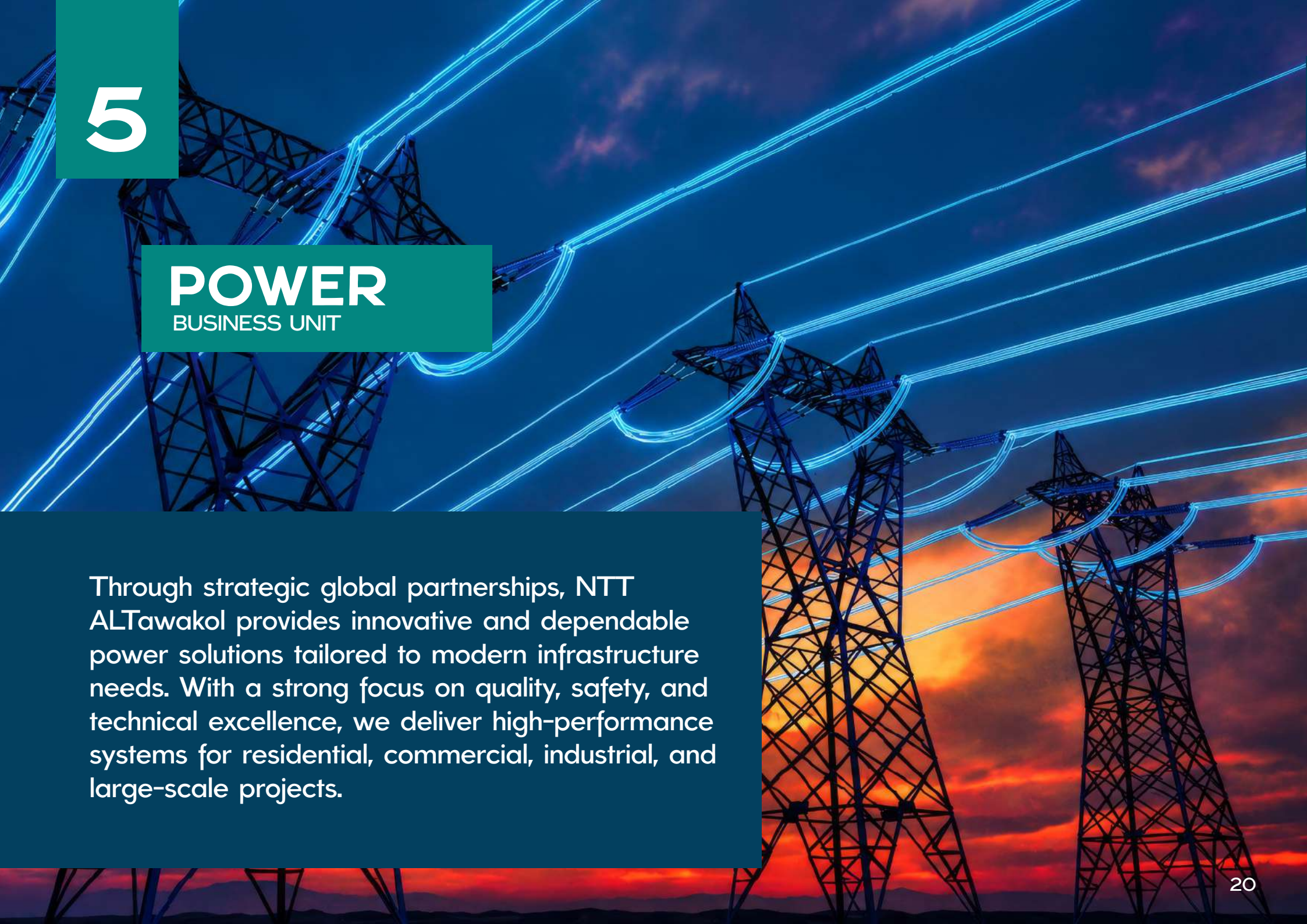
Our mission is to exceed customer expectations through innovative design, uncompromising quality, and reliable on-time delivery.

We manufacture a broad range of steel components and enclosures tailored for electrical products including:

- Dry clamps
- Cable boxes
- Transformer Covers
- Kiosks
- MV panels (RMU, LPK, MDB)
- Racks
- Cabinets
- Hot-dip Galvanized Enclosures (C4H - C5H)

We are committed to strict quality control across every stage of fabrication, including electrostatic painting.



The background of the slide is a photograph of high-voltage power lines and transmission towers. The scene is captured at sunset or sunrise, with the sky showing a gradient of orange, red, and blue. The power lines are silhouetted against the bright sky, and the towers are also silhouetted. The overall mood is industrial and powerful.

5

POWER

BUSINESS UNIT

Through strategic global partnerships, NTT ALTawakol provides innovative and dependable power solutions tailored to modern infrastructure needs. With a strong focus on quality, safety, and technical excellence, we deliver high-performance systems for residential, commercial, industrial, and large-scale projects.

5-1 LOW VOLTAGE

As a certified panel builder delivering Schneider Electric low-voltage solutions up to 4000A, built to IEC standards using PrismaSeT and Spacial architectures.
Our EcoStruxure-enabled systems provide reliable, safe, and digital-ready performance.



A. PRISMA SET TYPE TESTED ASSEMBLY

PrismaSeT 4000 International by Schneider Electric is a floor-standing low-voltage switchboard designed for power distribution up to 4000A. It features high short-circuit withstand capability, modular flexibility, and multiple forms of separation, ensuring safe, reliable, and IEC-61439 compliant performance for demanding applications.



B. “SPACIAL” ENCLOSURES

Spacial / PanelSeT Enclosures by Schneider Electric are durable enclosure systems for control and power distribution applications, offering IP55 to IP66 protection and IEC 62208 compliance for industrial and commercial use.

We manufacture customized panel boards including:

- Distribution
- Lighting
- Motor Control
- Synchronization
- ATS Panels

C. NTT ENCLOSURES

Alongside Schneider Electric PrismaSeT and Spacial solutions, NTT manufactures fully tested local enclosures with protection ratings up to IP55. We provide customized panel dimensions, including PILLAR and COFFRET units compliant with Egyptian Electricity Company standards.

All enclosures are equipped with Schneider Electric low-voltage components and manufactured according to IEC standards to ensure safe and reliable performance.

Using advanced CNC fabrication, powder coating, and routine testing, NTT panels are trusted across major projects in Egypt for their quality and reliability.



5-2 WIRING DEVICES

We proudly supply Schneider Electric wiring devices, including Unica, Merten, and Miluz E, combining modern design, functionality, and advanced technology for residential and commercial applications.

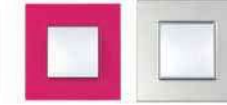
A. UNICA WIRING DEVICES

UNICA wiring devices by Schneider Electric combine modern design, modular flexibility, and smart features for residential and commercial interiors. Available in various finishes and colors, they deliver reliable performance, safety, and stylish aesthetics.

UNICA PLUS



UNICA QUADRO



UNICA BASIC



UNICA ALLEGRO



UNICA BASIC



UNICA TOP AESTHETICS

Wood



Cherry tree

Wengue

Tobacco

Metal



Bright chrome

Glossy chrome

Matt nickel

Metal grey

UNICA CLASS AESTHETICS

Unica CI | Unica Class Glass



Natural Slate

White Glass

Grey Glass

Black Mirror

Unica Class Leather

Unica Class Metal



Sahara Leather

Truffle Leather

Ice Aluminium

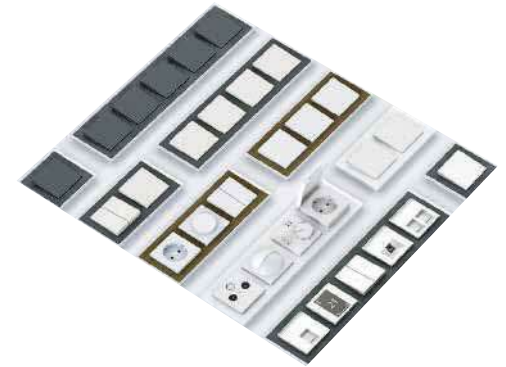
Apple Aluminium

Corten Steel Oxide



B. MERTEN WIRING DEVICES

The Merten wiring device range by Schneider Electric offers flexible, interchangeable designs and surface options without the need to replace inserts. Universal flush-mounted inserts allow easy installation of a wide range of functions.



M-Elegance

M-Elegance Metal



M-Elegance real glass



M-Elegance real glass



M-Pure



M-Pure Decor



M-Smart



M-Plan



M-Creative



Schneider
Electric

C. MILUZ E - MODULAR SWITCHES & SOCKETS

Miluz E by Schneider Electric is a modern modular wiring range combining stylish design, reliable performance, and easy installation for residential and commercial applications.

The range includes:

- Switches
- Sockets
- USB Outlets
- Lighting Controls
- Data Units with flexible configurations and durable performance.



Schneider
Electric

(PSS) BUS-TRUNKING SYSTEMS

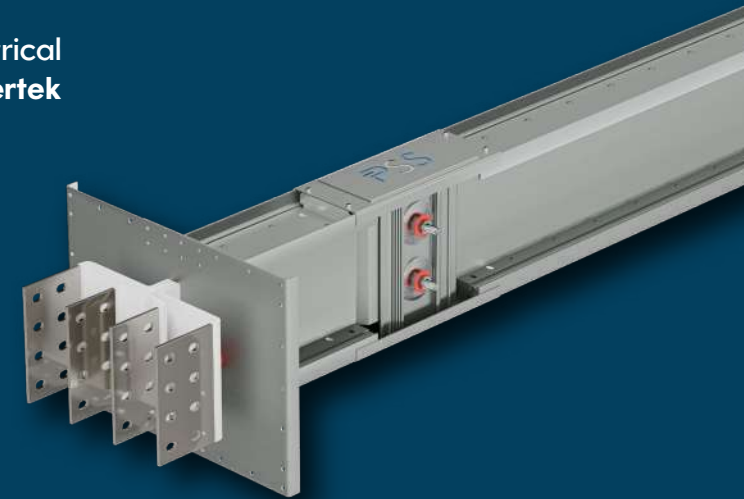
NTT Al-Tawakol designs, supplies, and supports a complete range of Busway Systems for electrical power distribution applications. The Busway System is fully type-tested and certified by **Intertek (ASTA)** in accordance with IEC 61439-6, ensuring top-tier safety, reliability, and performance.

Power System Solutions (PSS)

a brand of Altawakol Electric, is an Egyptian manufacturer of low-voltage busway systems and power distribution solutions. Designed and manufactured in Egypt, our IEC 61439-compliant busway systems are rated up to 6300A and serve commercial, industrial, and infrastructure projects across Egypt and the wider region. Our product portfolio includes sandwich-type busway systems with copper and bi-metal conductor configurations, together with a complete range of tap-off units, fittings, and accessories engineered to deliver safe, efficient, and reliable power distribution. Supported by an in-house engineering team, we assist clients throughout every stage of a project—from system design and load calculations to installation layouts and technical documentation.

Engineering Excellence

Engineering is at the core of every PSS solution. We work closely with consultants, contractors, panel builders, and project owners to develop busway systems tailored to each project's electrical and installation requirements. Before any system is manufactured, our engineers evaluate load capacity, shortcircuit withstand performance, voltage drop, routing, and future expansion requirements to ensure optimum system performance and full compliance with IEC 61439. Whether supplying a transformer-to-switchboard connection, a horizontal distribution network, or a multi-floor vertical riser, PSS provides coordinated engineering support from concept through installation.



A. PRODUCT RANGE

ISC – ISA

PSS Line I product with range
800A – 6300A

IISA – IISC

PSS Line II product with range
800A – 6300A

CRC – CRA

PSS Cast Resin product with
IP68 and range of 800A – 5000A

IMC – IMA

PSS Medium Power Product
with range of 160A – 800A

IEC 61439 1&6 Compliant

All PSS products Certified by ASTA

HIGH POWER BUSWAY CURRENT RANGE

HOUSING	CONDUCTOR	800	1000	1250	1600	2000	2500	3200	4000	5000	6300
☒ AL	CU/BI-Metal										
☒ Cast Resin	CU/BI-Metal										

MEDIUM POWER BUSWAY CURRENT RANGE

HOUSING	CONDUCTOR	160	200	220	250	300	320	400	500	630	800
☒ AL	CU/BI-Metal										

Insulation Type	Class	IP	Frequency	Voltage
Epoxy	B/F	55/65 & 68	50/60 Hz	≤1000V
PET	B/F	55/65 & 68	50/60 Hz	≤1000V

- Copper conductor ends: Tin/Silver plating
- Aluminium bi-metal ends: Tin/Silver plating
- TPNE with 100% or 200% neutral; 50% or 100% earth — on request

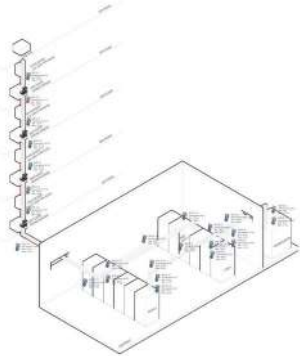
B. SMART BUSWAY TEMPERATURE MONITORING SYSTEM

Intelligent Real-Time Monitoring for Enhanced Busway Protection

The Smart Busway Temperature Monitoring System provides continuous monitoring of critical conductor and busbar connection temperatures, helping detect abnormal temperature rise before it develops into a serious fault. Wireless sensors installed at key connection points continuously transmit temperature data without the need for complex signal wiring.

The system can identify abnormal heating caused by loose connections, overload conditions, increased contact resistance, and other operating abnormalities. Early detection enables timely corrective action, helping reduce the risk of equipment damage, unexpected shutdowns, and potential safety hazards.

Temperature data can be monitored, recorded, and analyzed to support condition-based maintenance. Through RS-485 / Modbus RTU communication, the system can be integrated with building management systems and other supervisory monitoring platforms.



Key Features

Wireless Temperature Monitoring

Continuous measurement at critical busway connection points with simplified installation.

Early Fault Detection

Identifies abnormal heating caused by overloads, loose connections, and excessive contact resistance.

Real-Time Monitoring & Alarms

Provides continuous temperature visibility with warnings when predefined limits are exceeded.

Data Logging & Analysis

Records temperature data to support trend analysis and predictive maintenance.

How It Works

Wireless sensors measure temperatures at selected busbar connection points and transmit the data to a central monitoring unit. The system compares measured values with predefined limits and can issue alarms when abnormal temperature rise is detected.

This provides continuous condition monitoring, helping identify potential problems before they lead to equipment damage or an unplanned power interruption.

Smart Monitoring. Early Detection. Enhanced Reliability

Available upon request as an optional monitoring solution



6 SERVICES

6-1

HOT-DIP GALVANIZING FACILITY

Operating in full compliance with ASTM A123 and ISO 1461 standards, we guarantee superior coating thickness, high corrosion resistance, and long-lasting protection for all types of steel structures.

Our hot-dip galvanizing process ensures complete coating coverage by immersing steel components in molten zinc, providing exceptional durability even in harsh environmental conditions.

The resulting zinc coating forms a robust barrier against corrosion, significantly extending the service life of steel products while reducing maintenance requirements and lifecycle costs.

Supported by stringent quality control procedures and internationally recognized management systems, our facility delivers consistent, reliable, and high-quality galvanizing solutions for a wide range of industrial, infrastructure, commercial, and utility applications.

6-2

ELECTROSTATIC PAINTING FACILITY



Our in-house Epoxy and Polyester Electrostatic Painting Facility provides high-quality finishing solutions that enhance both product durability and appearance. The coating offers excellent resistance to corrosion, scratches, abrasion, chemicals, and harsh environmental conditions.

Polyester powder coating delivers superior UV resistance and long-term color stability, ensuring lasting performance in outdoor applications. Supported by advanced application and curing processes, the facility ensures a uniform finish, excellent adhesion, and consistent coating quality across a wide range of colors and specifications.

6-3 LABORATORY

A. Our capabilities cover a wide spectrum of testing and evaluation processes, including:

- Ingress Protection Testing (IPX-3/IPX7)
- Impact Resistance Testing (IK-07/IK10)
- Photometric and Colorimetric Measurements using high-precision Integrating Sphere and Dark Room System
- Electrical Performance Assessments
- Aging & Reliability Testing
- Thermal Testing



B. Temperature Rise

Temperature rise is a key indicator of the thermal performance and operational reliability of a busway system. To ensure compliance with IEC 61439-6, Electric products are subjected to temperature rise testing under rated current conditions to verify that conductor and connection temperatures remain within permissible limits. For continuous operation, wired temperature sensors can be installed at critical joints and connection points to provide real-time temperature monitoring, enabling early detection of abnormal heating and supporting preventive maintenance for improved system safety and reliability.



7 SAMPLE OF OUR PROJECTS



DOUBLETREE BY HILTON EI GOUNA
Lighting



EGYPTIAN PARLIAMENT
Cable Trays - Decorative Poles



CBD CENTRAL BUSINESS DISTRICT - NEW CAPITAL
Cable Trays



ARAB ACADEMY FOR SCIENCE AND TECHNOLOGY
Indoor + Outdoor Lighting



GALALA UNIVERSITY
Power



MONORAIL- OCTOBER
Cable Trays



YAZAKI FAYOUM FACTORY
Power



AZHA AIN SOKHNA
Decorative Poles



SWANLAKE-HASSAN ALLAM-NEW CAIRO
Power + Indoor Lighting



ACACIA COMPOUND
Decorative Poles



SHARM ELSHEIKH AIRPORT
Power



EMAAR - NORTH COAST RESORT
Power + Lighting



UNIVERSITY OF CANADA
Power + Lighting



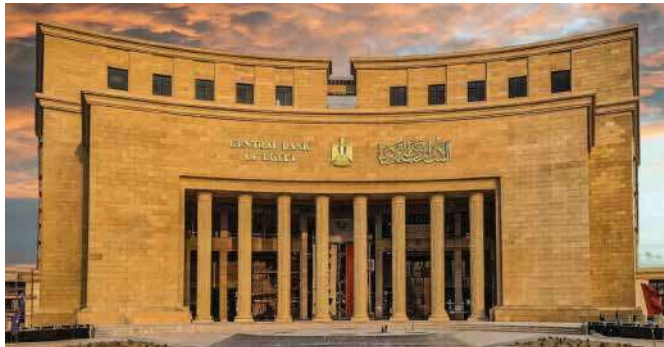
HASSAN ALLAM OFFICE
Indoor Lighting



ILCAZAR
Decorative Poles



SENATE COUNCIL
Cable Trays



CENTRAL BANK OF EGYPT
Cable Trays



ELSEWEDY UNIVERSITY OF TECHNOLOGY
Indoor Lighting



CLEOPATRA HOSPITALS
Indoor Lighting



ALAMEIN INDUSTRIAL PARK
Outdoor Lighting



MARASSI VILLA
Lighting



NEW CAPITAL - حي الوزارات
Cable Trays



SEVEN HEADQUARTERS
Indoor Lighting



BAHEYA HOSPITAL
Cable Trays + Facade + Indoor Lighting



DAR EL FOUAD HOSPITAL
Bus Trunking System



SODIC-EAST-NEW-CAIRO-COMPOUND
Lighting Poles



THE ALMAZA MALL ALFUTTAIM GROUP
Cable Trays



THE OCTAGON BUILDING
Cable Trays



SAUDI EGYPTIAN DEVELOPERS
Indoor + Outdoor Lighting Design



MIVIDA COMPOUND
Decorative Poles

SAMPLE OF OUR CLIENTS



THE GROUP COMPANIES

ntt altawakol
ELECTRICAL SOLUTIONS



TAWAKOLTECH
BUILDING FUTURE . MAINTAINING TODAY



REEF OASIS
BEACH RESORT



GTCI
ENERGY & INFRASTRUCTURE

taw
developments





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Fully Integrated Electrical Solutions