



鑫旭集团
XINXU GROUP

PFE BOOK 2025

XINXU GROUP Africa Office

13 Avenue El Fouleth, Imm. GMG- App N°1A, Zone Industrielle Ben Arous, 2013, Tunisie

XINXU GROUP TEAM



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Marketing and shipping
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Company Culture

Enterprise Vision

To be a respected enterprise in the industry.
To create more value for the staff and society

Enterprise Spirit

Never Give up
Dare to Pursue Unite to Create

Management Idea

Honesty
Innovation
High Efficiency Harmony Responsibility



Staff Declaration

Do every job well, Work hard today for a better tomorrow

01 Scrubber machines



01 Scrubber machines

Project title

Market development of the group activity concerning scrubber machines: hand-push and Drive Series

Profile

Degree in Marketing, international trade, Business Development

Project targets

This project target is to make all marketing and business development work of the group for scrubber machines.

Main tasks

Market research, market study, competition analysis, potential customer list, customer data bases, business development strategy.

Key words

Marketing, Business Development, Machines, Market, Customers, Communication, Data Exchange.

Location

Ben Arous, Tunisia

Duration: 03 months
Supervisor: Mr. Walid Bahloul

02 Lithium Batteries



Military night vision battery.



大疆創新

UAV Power battery



HUAWEI

Telecom Power System



Portable ultrasonic meter battery.



TOYOTA

AGV Battery



中国国电
CHINA GUODIAN

Energy storage battery



鑫旭集团
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02 Lithium Batteries

Project title

Market development of the group activity concerning lithium batteries

Profile

Degree in Marketing, international trade, Business Development.

Project targets

This project target is to make all marketing and business development work of the group for lithium batteries in different applications.

Main tasks

Market research, market study, competition analysis, potential customer list, customer data bases, business development strategy.

Key words

Marketing, Business Development, Machines, Market, Customers, Communication, Data Exchange.

Location

Ben Arous, Tunisia

Duration: 06 months
Supervisor: Mr. Noomen Bahloul

02 Lithium Batteries



通讯模块
Communication
module



军用夜视仪
Military
night
vision.



无人机
UAV(unmanned
aerial vehicle)



AGV

Existing
Application
field



医疗仪器
Medical
instrume
nts

Emerging
Application
field



储能领域
Energy
storage
areas



新能源汽车
New
energy automobile

03 Web sites



Project title

Development of local company website.



Profile

Degree design, development, IT



Project targets

Design and establish the website of the local company.



Main tasks

Web design, graphic, web development, website



Key words

Marketing, Web design, Web development, Digital, programming.



Location

Ben Arous, Tunisia

Duration: 06 months
Supervisor: Mrs. Samar Aloui

04 Online selling application

Project title

Development of online selling application.

Profile

Degree design, development, IT

Project targets

Design and establish an application for online selling.

Main tasks

Web design, graphic, web development, website, online selling.

Key words

Marketing, Web design, Web development, Digital, programming, online selling.

Location

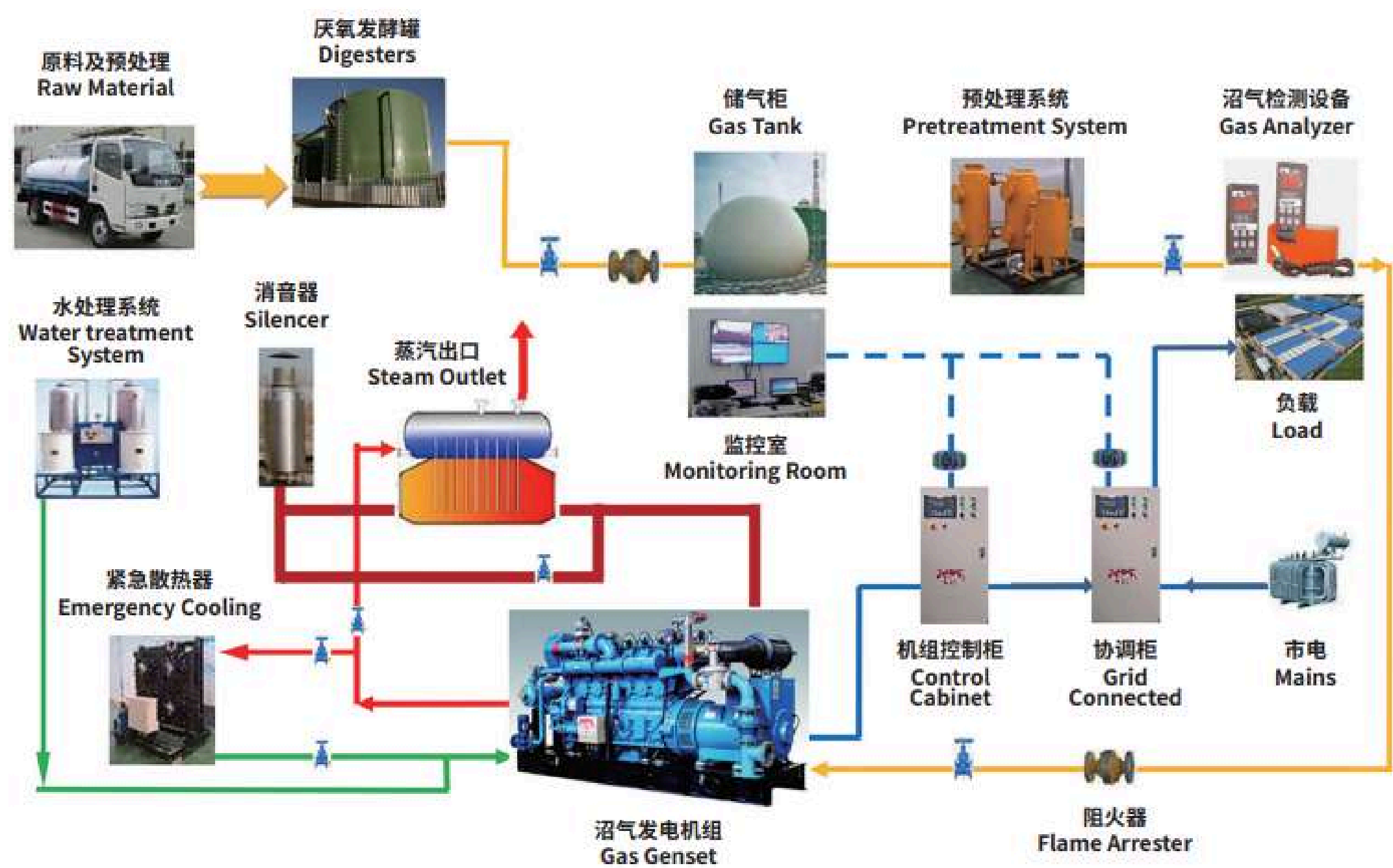
Ben Arous, Tunisia

Duration: 06 months

Supervisor: Mrs. Nouha Neifer and Samar aloui

05 Gas Generators

Biogas CHP(steam type) System Process Schematic Diagram



05 Gas Generators

Project title

Market development of the group activity concerning Gas Generator.

Profile

Degree in Marketing, international trade, Business Development.

Project targets

This project target is to make all marketing and business development work of the group for lithium batteries in different applications.

Main tasks

Market research, market study, competition analysis, potential customer list, customer data bases, business development strategy.

Key words

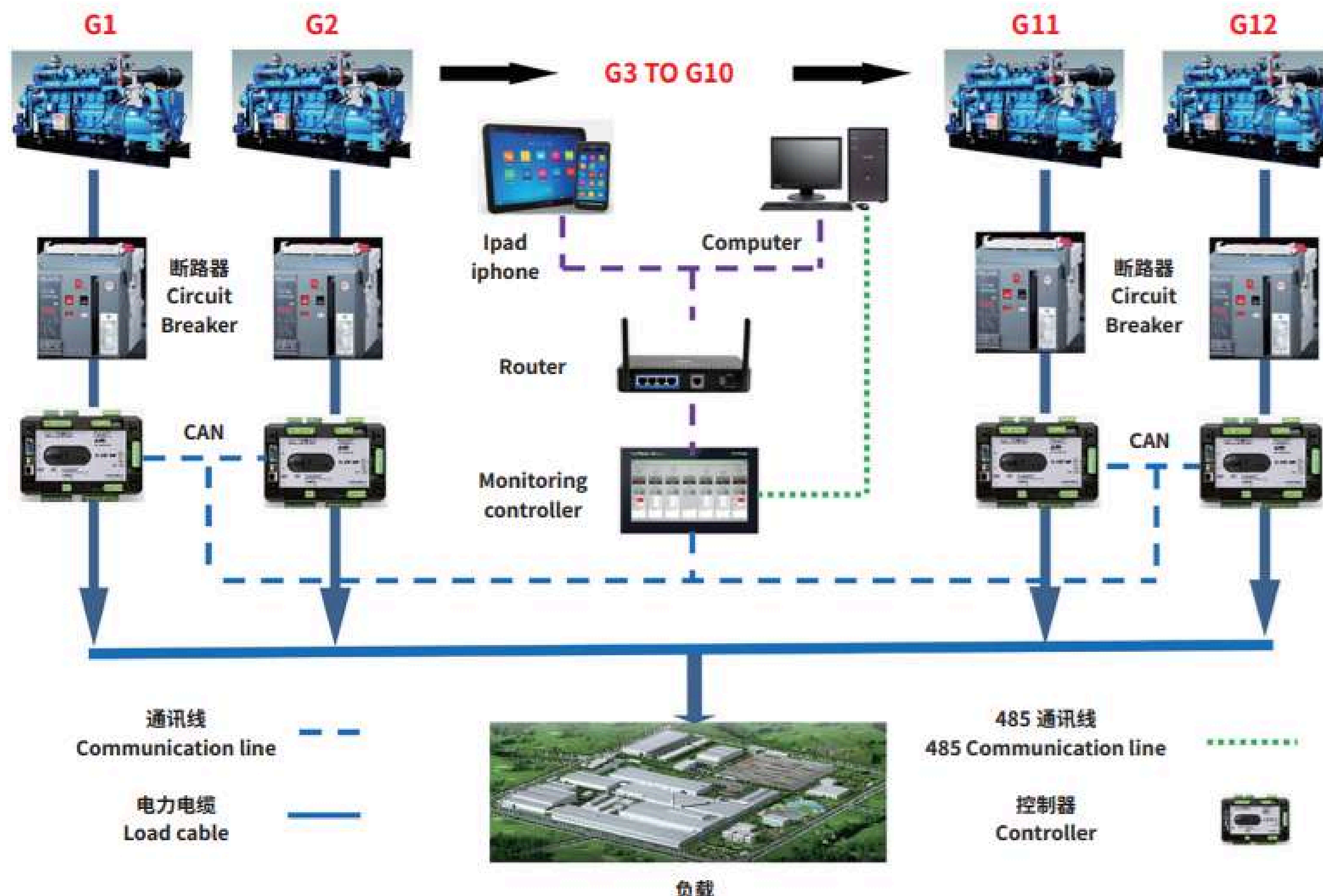
Marketing, Business Development, Machines, Market, Customers, Communication, Data Exchange.

Location

Ben Arous, Tunisia

Duration: 03 months
Supervisor: Mrs. Nouha Neifer

05 Gas Generators



06 Supervision system for Industry 4.0 for battery industry application



06 Supervision system for Industry 4.0 for battery industry application



Project title

Supervision system for Industry 4.0 for battery industry application.



Profile

Engineer industrial or Electromechanical.



Project targets

This project target is to prepare a data base of supervision system for battery industry.



Main tasks

Process, KPI, Supervision, data base, machines, product parameters.



Key words

Machines, Market, Customers, Communication, Data Exchange, Supervision, batteries, Industry 4.0, KPI .



Location

Ben Arous, Tunisia

Duration: 06 months
Supervisor: Mr. Noomen Bahloul

06 Supervision system for Industry 4.0 for battery industry application



07 Supervision system of lithium batteries



Project title

Development of supervision system for lithium batteries in working conditions.



Profile

Application development, IT.



Project targets

Design and establish an application to control the working conditions of lithium batteries .



Main tasks

Working conditions, key parameters, communication.



Key words

Digital, programming, lithium batteries, application.



Location

Ben Arous, Tunisia

Duration: 03 months
Supervisor: Mr. Walid Bahloul

08 Spot welding approval in lithium batteries



08 Spot welding approval in lithium batteries



Project title

Design and manufacturing of spot welding quality control system.



Profile

Engineer industrial or Electromechanical or Chemistry .



Project targets

Develop a system to control and approve the welding quality of lithium cells.



Main tasks

Process, machine, product parameters, welding, quality.



Key words

Machines, lithium batteries, spot welding, lithium cells.



Location

Ben Arous, Tunisia

Duration: 06 months
Supervisor: Mr. Noomen Bahloul

09 Non destructive control of strap welding for lead acid batteries



09 Non destructive control of strap welding for lead acid batteries



Project title

Manufacturing non destructive control of strap welding quality.



Profile

Engineer industrial or Electromechanical .



Project targets

Develop a system to control and approve the welding quality for lead acid batteries._



Main tasks

Design, manufacturing.



Key words

Machines, welding, process, quality, control.




Location

Ben Arous, Tunisia


Duration: 06 months

Supervisor: Mr. Noomen and walid Bahloul


10 Manufacturing of Hole Puncher Machine for car and truck batteries



Project title
Manufacturing of automatic partition punching machine for car and truck application.




Profile
Engineer industrial or Electromechanical.




Project targets
Manufacturing of machine with low cost for automotive batteries industries.



Main tasks
Design, manufacturing.




Key words
Manufacturing, Design.




Location
Ben Arous, Tunisia

Duration: 06 months
Supervisor: Mr. Noomen and walid Bahloul


11 Development of a Non-Contact Thickness Measuring System




Project title
Manufacturing of automatic partition punching machine for car and truck application.




Profile
Engineer industrial or Electromechanical.




Project targets
Ensure precise thickness measurement for battery components.



Main tasks
System integration, sensor calibration, data visualization setup.

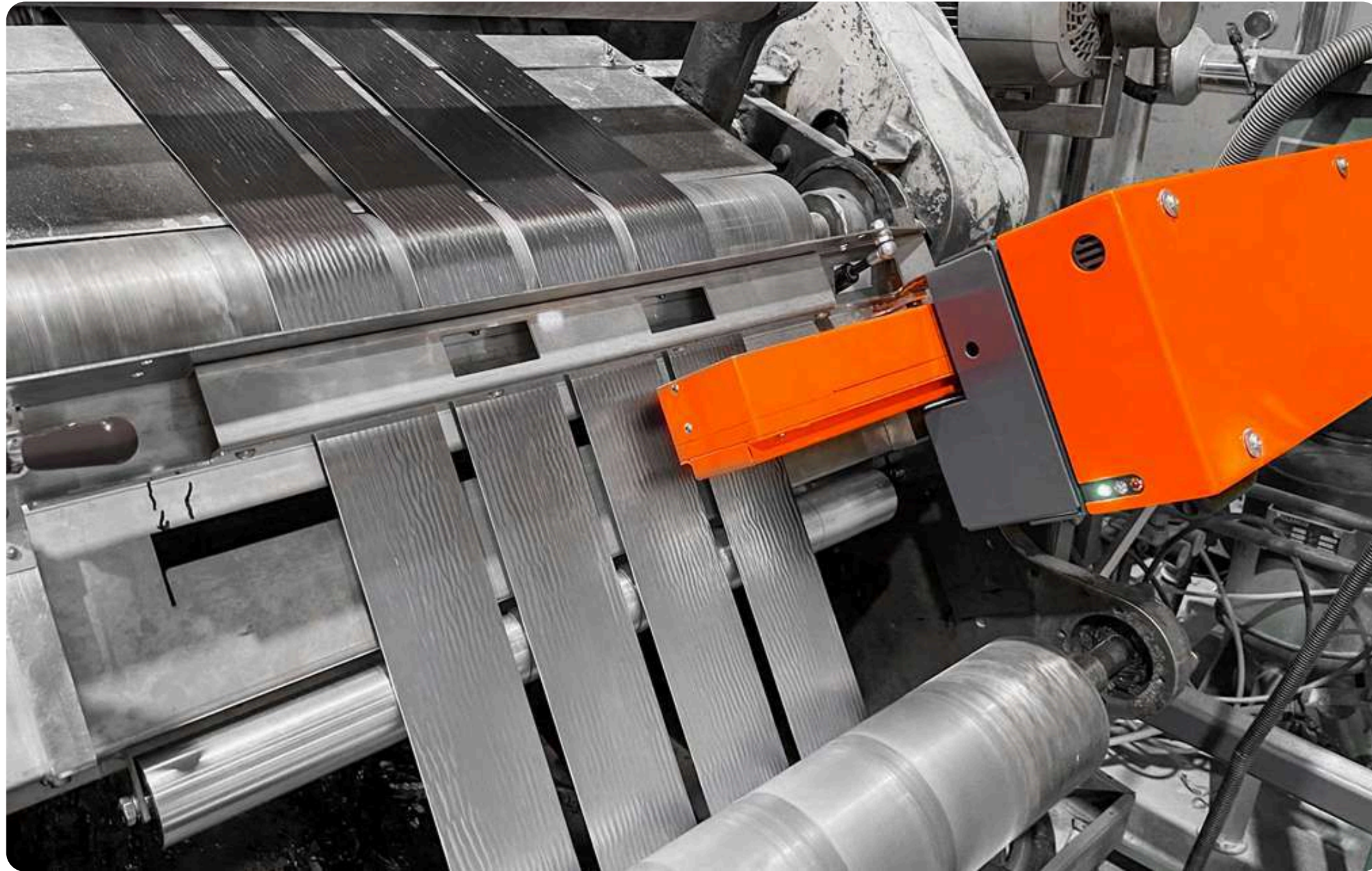


Key words
Automation, Sensors, Data Processing, Measurement.



Location
Ben Arous, Tunisia
Duration: 06 months
Supervisor: Mr. Noomen and Mr. Belhsan hantati

11 Development of a Non-Contact Thickness Measuring System




12 Line Tester Equipment Program for Monitoring Key Parameters




Project title

Development of Line Tester Monitoring Program




Profile

Engineer industrial or Electromechanical.




Project targets

Ensure reliable and accurate measurements.




Main tasks

Develop software to collect and display data.
Test and validate the system.



Key words

Line tester, Real-time monitoring, Voltage, current, time, Data visualization, Software development.
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Location

Ben Arous, Tunisia

Duration: 06 months
Supervisor: Mr.walid Bahloul

12 Line Tester Equipment Program for Monitoring Key Parameters



13 Smart Maintenance System for Industrial Equipment



Project title

Development of a Predictive Maintenance System for Industrial Equipment.



Profile

Electromechanical Engineer.



Project targets

Development of a Predictive Maintenance System for Industrial Equipment.



Main tasks

Sensor integration, data acquisition, predictive model development.



Key words

Industry 4.0, Predictive Maintenance, Iot, Machine Learning.

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Location

Ben Arous, Tunisia

Duration: 06 months


Supervisor: Mr.Belhsan Hantati and Mr.Walid Bahloul

14 Robotic Arm for Precision Welding




Project title

Design and Development of a Robotic Arm for Precision Welding.




Profile

Electromechanical Engineer




Project targets

improve welding accuracy and reduce manual labor.




Main tasks

Robotic arm design, control system development, welding system integration.



Key words


Robotics, Welding, Automation, Precision Control.
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Location


Ben Arous, Tunisia
Duration: 06 months
Supervisor: Mr.Belhsan Hantati and Mr.Noomen Bahloul

15 Rectifier Equipment Temperature Management System




Project title

Design and Development of a Robotic Arm for Precision Welding.




Profile

Electromechanical Engineer




Project targets

Improve welding accuracy and reduce manual labor.




Main tasks

Develop the system to set and monitor temperature limits. Implement circuit-specific shutdown logic. Test and ensure reliability.



Key words

Robotics, Welding, Automation, Precision Control, Rectifier Temperature control, Circuit monitoring Fault detection, System safety.



Location

Ben Arous, Tunisia

Duration: 06 months

Supervisor: Mr.Noomen Bahloul and Mr.Walid Bahloul

15 Rectifier Equipment Temperature Management System



XINXU Global Target

In Africa



Based on Tunisia to expand African Market

South America



Xinxu-Mexico Office to serve South American Market



In Asia

Set up Xinxu-Pakistan Industrial Zone, expand to all Asia



East Europe

Xinxu-Bulgaria Service Center to cover East European market



Contact us

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You are welcome to join us.