



**BenChellal**  
Electrical Engineering  
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**بنشلال الهندسة  
الكهربائية**  
www.benchellal.ma



**Our Projects:** Custom Design, Manufacturing, Commissioning



### MEDIUM VOLTAGE SUBSTATIONS

From 12,47kV to 36kV.  
Prefabricated units equipped with Switchgears, PLC Control Panel, HVAC, Lighting, Motor Control Center, Fire Alarm & Fire Suppression System.



### HYDROELECTRIC STATIONS

10MVA, 36kV  
Synchronisation Panel, High Pressure Unit, Generator Control Panel, Oil Lube System, Vibration Monitoring System, Step-up Transformer, Switchgears Line Up.



### DIESEL-ELECTRIC MOBILE POWER

2MVA, 15kV, 600A  
12 Cylinders Diesel Engine-alternator, Step-Up Transformer, Dumper Resistors, Switchgears, PLC Control Panel, Digital Protection Relays, Fire Suppression System, Trailer Base.



### MEDIUM VOLTAGE COUPLER

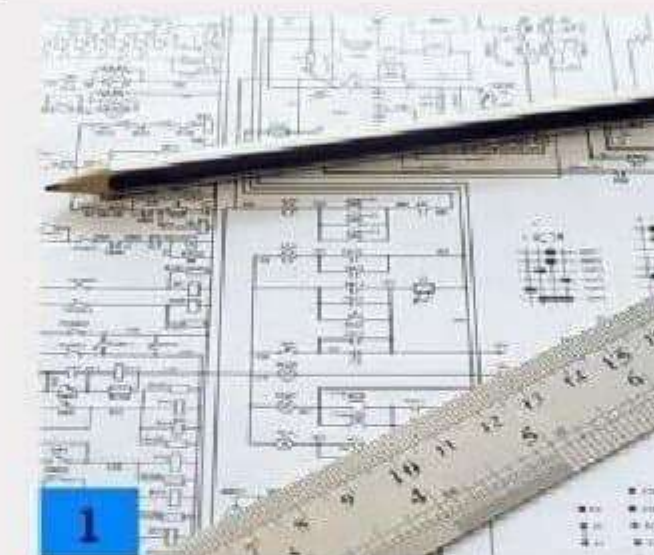


### PREFABRICATED LABORATORIES



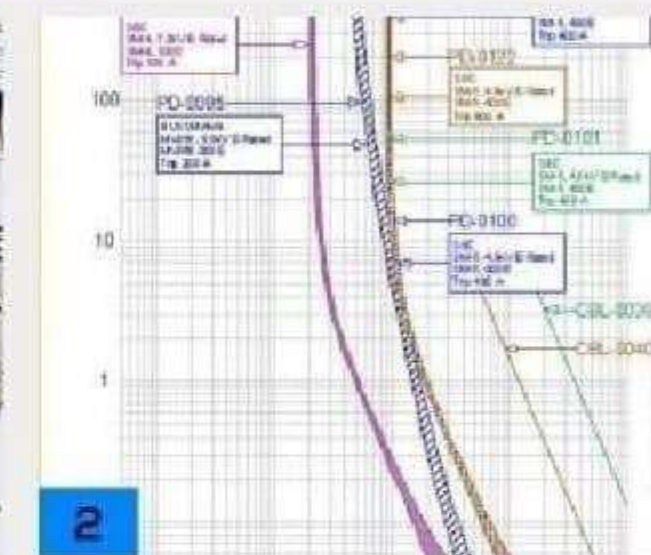
### CABLE REPAIR STATION

**Services:** Expert in IEEE, CEC, NEC Standards AutoCad & ETAP



### SYSTEM WIRING

BEE provides complete electrical wiring for simple and complex projects, such: interconnecting sub - systems, cable repair stations, hydroelectric powerhouse, switchgears, substations, lighting junction boxes and custom projects.



### DESIGN & STUDIES

Wiring Design & CAD Drafting, Short-Circuit, Coordination, Load Flow & Arc Flash Studies, Protection Relays Settings, Equipement's selection.



### MAINTENANCE

Our maintenance team is highly qualified to maintain all electrical equipment. We ensure that all work completed by our firm are safe, stable and built to last. We are equipped with diverse skills to meet various challenges across industries.

**Distribution:** Industrial Electrical Products

**MENNEKES**



**REDLION™**



**OBO**  
**BETTERMANN**





MY POWER CONNECTION







## AMAXX

16A - 63 A  
230V - 400V  
IP44 - IP67



## EverBOX

16A - 125 A  
230V - 400V  
IP44 - IP67



## AirKRAFT

16A - 125 A  
110V - 400V  
3P - 5P



## PowerPost

16A - 125 A  
110V - 400V  
3P - 5P



## CombiTower

16A - 125 A  
110V - 400V  
3P - 5P



## EverGUM

16A - 63 A  
230V - 400V  
IP44



## Panel Mount

16A - 125 A  
24V - 500V  
3P - 5P / IP44 - IP67



## Panel Mount

200A - 400 A  
230V - 1000V  
4P-5P/IP67



## Connectors

16A - 125 A  
24V - 500V  
3P - 5P / IP44 - IP67



## Connectors

200A - 400 A  
230V - 1000V  
4P-5P/IP67



## Wall Mount

16A - 125 A  
24V - 500V  
3P - 5P / IP44 - IP67



## Wall Mount

200A - 400 A  
230V - 1000V  
4P-5P/IP67

**HEAVY DUTY**



## Contactor Panel

160A - 600A  
230V - 1000V  
IP67



## Special Solutions

160A - 600A  
230V - 1000V  
IP67



## Switch Panel

160A - 600A  
230V - 1000V  
IP67



160A - 600A  
230V - 1000V  
IP67



## Breaker Panel

160A - 600A  
230V - 1000V  
IP67



160A - 600A  
230V - 1000V  
IP67

**HEAVY DUTY**



**EXCELLENCE.  
REDEFINED.**

## Controllers & Data Acquisition



Industrial controllers &  
RTUS  
I/O modules  
PID controllers  
Data acquisition  
Controller & data  
acquisition accessories

## Secure Remote Access Platform



Compact remote access routers  
Remote access routers  
Keyed remote access routers  
Compact industrial firewall

## HMI & Panel Meters



HMI operator panels  
Panel meters  
Visual management  
Large led displays

## PROCESS CONTROL



Signal conditioners  
Heartbeat monitors  
Sensors



## ETHERNET SOLUTIONS



Managed switches / unmanaged switches  
Monitored switches  
Power Over Ethernet (POE)  
IP67 & OEM boards

## COMMUNICATION CONVERTERS



Protocol converters  
Media converters  
Serial converters

## GATEWAYS, ROUTERS & RTUS



Gateways and routers  
Cellular RTUS

## VISUAL MANAGEMENT



ProducTVity Station's built-in data logger,  
Communicating with over 300 different protocols,



100 years

100  
OBO  
FETTERMANN









# LFS



# BSS





# UFS



# JBS



# EGS





