

The image shows a close-up of high-voltage electrical equipment, specifically three large, white, cylindrical components with orange bands, mounted on a metal frame. Below them are white control cabinets with blue markings.

Arabian Stream for Electrical Contracting

Dammam – KSA

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Info@asec-ksa.com

Since 2012



Summary

Arabian **S**tream for **E**lectrical **C**ontracting (**ASEC**) is a highly specialized firm that offers a comprehensive range of electrical services, including field services, diagnosis, troubleshooting, condition monitoring, and engineering studies. With a combined experience of over 22 years, both within and outside of Saudi Arabia, **ASEC** and its original partners have established a strong reputation in the field.

ASEC 's customer base includes its original partners, among which are prominent companies such as, ARAMCO, SABIC, MAA'DEN, Royal Commission, Tasnee, Nesma & partners, Tecnicas Reunidas, Intecsa, Sinopec, US Corps of Engineers, American Transatlantic air forces, CH2M Hill, Schneider, Square D KSA, Al Bawani, Al Fanar, MT, OCA, Unec, ARASCO, Acciona, FCC,NSH, Gulf Asia, Mobco, Nidec, META, FSA



ASEC Accomplished Milestones: Testing

Aug. 2013

MV/LV SWGR, MCC, & Transformers T&C.
EEIC/Daelim/Aramco – **YASREF-Yanbou**

Dec. 2014

MV/LV SWGR, MCC, & Transformers T&C.
NESMA & Partners – **Jabal Omar Developing Project- Makkah**

Jan. 2016

MV/LV SWGR, MCC and Cables Turn-Around
Maintenance (TAM)
Sharq/SABIC– **Jubail Industrial City**

Jan. 2018

MV Cables TAM.
Yanpet/SABIC - **Yanbou**

Jan. 2019

MV/LV SWGR, MCC, & Transformers TAM.
Tasnee PDH S/S – **Jubail Industrial city.**

Feb. 2020

MV/LV SWGR, MCC, & Transformers T&C.
Intecsa / Adnoc– **BeAAT Expansion project - Abu Dhabi - UAE.**

Oct. 2020

Control and Protection T&C.
NESMA & Partners/Aramco – **Fadhli Bachelor camp- 115/13.8 kV S/S Jubail**

Oct. 2012

Starting ASEC activities in KSA.

June 2014

MV SWGR T&C.
EEIC/Aramco–**Manifa Causeway phase II**

Aug. 2015

MV/LV SWGR, MCC, & Transformers T&C.
Daragados/Maadin–**Al Baitha Bauxite mine-Qassim**

Mar. 2016

230 kV Relay Protection Panel & End to End T&C.
AlFanar/SEC – **Dammam-Dhahran Central plant**

May 2018

MV/LV SWGR, MCC, & Transformers T&C.
Daragados/Maadin–**DAP/NPK Plant- Ras AlKhair**

Dec. 2019

MV/LV SWGR, MCC, & Transformers T&C.
Sinopec/Tr/Aramco– **Fadhli Gas program**

Feb. 2020

MV/LV SWGR, MCC, & Transformers T&C.
Intecsa / Hassan Allam– **Fertilizers Complex –Ein Sokhna -Egypt.**

ASEC Accomplished Milestones: Testing

July 2022

Al-Ula 8 MV substation operation.
NESMA & Partners / Royal Commission – Al-Ula

Dec 2022

13.8 kV SWGR, RMU and Transformer
Maintenance – Arasco – Dammam Port

March 2023

13.8 kV Cap. Bank T&C and Start up –
Tasnee – Jubail

May 2023

13.8 kV SWGR Periodical maintenance –
Hadeed- SABIC- Jubail

June 2022

Hawyah GCP 230/13.8 kV GIS
Control/Protection, SWGR, & MCC T&C.
NSH/GA/Tr/Aramco – Harad Area.

Aug 2022

115/13.8 kV SWGR CBF system retrofit
(implementation/ configuration & testing).
Arabian Qudra/MASA/SWC- Jubail

March 2023

LV system T&C. Riyadh Metro – Line 6
FCC- Riyadh

March 2023

Protection Relay testing– PV plant -
NOMAC- Sakkaka

ASEC Accomplished Milestones: Installation

Oct.2019

Relay Protection Panel installation.
Yansab/SABIC – Yanbou

Mar. 2020

Lightning protection system supply and Install.
Arab Steel – Dammam 2nd Industrial City

July 2019

Transformers replacement (supply and install)
Yansab/SABIC-Yanbou

Dec. 2021

MV Motor Calibration test bench installation.
Arabian Qudra- Dammam 2nd Industrial City

ASEC Accomplished Milestones:

Network Engineering & Harmonics Studies

2015

Thermography analysis Jabal Omar –
Makkah

2014-2015

Jabal Omar - Electrical Network Analysis

2019

Sharma- Electrical Network Analysis

2020

Al-Aula 8 - Electrical Network Analysis

2021

Bujairi- Electrical Network Analysis
Riyadh

2014

Harmonics measuring and analysis
Jabal Omar – Makkah

2014-2015

Nagran Cement - Electrical Network Analysis

2019

Al-Aula Airport - Electrical Network Analysis

2020

KAUST- Electrical Network Analysis – Jeddah

2020

Fadhli Bachelor camp- Electrical Network
Analysis - Jubail

2021

Sakaka 405 MW Solar Power plant
Harmonics measuring and analysis
- Sakaka

ASEC running projects: Testing

South Ghawar Gas Sep. Plant 230/13.8 kV GIS
Control/Protection, SWGR, & MCC T&C.
TCC/JGC/Aramco – **South Ghawar Area.**

MV/LV RMU, SWGR, MCC and Cables T&C-Royal
Saudi Land Forces Artillery Brigade
US Corps/KSA Army– **Jubail**

Tanajib Water Injection Facilities, MIP-7 115/13.8
kV GIS Control/Protection, SWGR, & MCC T&C.
Nesma & Partners /Aramco – **Tanajib Gas Plant
Projects.**

MV/LV RMU, SWGR, MCC and Cables T&C -Navy
Airport Maintenance Facility
US Corps/KSA Navy– **Jubail**

ASEC running projects

Network Engineering & Harmonics Studies

Bujairi- Harmonics measuring and analysis-**Riyadh**

MV/LV Electrical Network Analysis -
Navy Airport Maintenance Facility
US Corps/KSA Navy- **Jubail**

Lightning Network design and
measurments evaluation-Navy
Airport Maintenance Facility
US Corps/KSA Navy- **Jubail**

King Abdallah Financial District (25 Parcel)
Electrical Network Analysis .
KAJD- **Riyadh**

STATCOM - Harmonic Measurement &
Analysis-**Riyadh**

MV/LV Electrical Network Analysis -Saudi
Land Forces Artillery Brigade
US Corps/KSA Army- **Jubail**

Sample of Testing Equipment

1. 130 kV AC Hi-pot.
2. 120 kV DC Hi-pot.
3. 60 KV VLF Hi-pot with Tan δ and PD.
4. 6 kA Primary current injector.
5. 3 ϕ Secondary injection kit.
6. 1 ϕ Secondary injection kit.
7. Circuit Breaker Analyzer.
8. Oil breakdown voltage tester.
9. Transformer Tester (TTR)
10. Transformer Winding resistance tester.
11. Battery Tester load-banks.
12. Vibration Analyzer.
13. Tachometer.
14. Micro-ohmmeter.
15. Infra-red Thermograph Camera.
16. Power Analyzer.
17. Vacuum Battle tester.
18. Sweep-frequency Response Analyzer.
19. Substation Tester.
20. Insulation Tester up to 10 kV
21. CT Analyzer.



Some of ASEC Vendor Numbers:



Aramco: 10053985



SABIC: 506845



SEC: VD006788



Ma'aden: 12659



Intecsa: 89588



Siemens: 50220048



Sepchim: 103100



Larsen &Toubro: PI2201005094000

Major Clients



Major Clients

