



The following 5 specific product groups within electrical offer manufacturing opportunities in the UAE:

Solar Power: Generators & Batteries

Switchgears: MV Air Insulated (<33kV)

Variable Speed Drive Systems: LV/MV

Circuit Breakers & Contactors

Explosion Proof Control Stations



Overview

Opportunities to manufacture solar power system & batteries in the UAE:



Opportunity

- Currently there is very limited local manufacturing for Solar power system including batteries within UAE



Applications

- The local demand for the solar power system market is expanding due to increase awareness on the importance of fighting climate change and finding sustainable solutions"
- Solar power system is also used in remote consumer receipt station



ADNOC Standards / Specifications Requirements

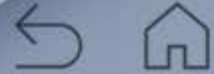
- ADNOC Solar Power System specification AGES-SP-02-012

Electrical



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Switchgears: MV Air Insulated (<33kV)



Overview

Opportunities to manufacture MV Switchgears: air insulated (<33kV) in the UAE:



Opportunity

- Currently there is very limited local manufacturing for MV Air Insulated Switchgears (<33kV) within the UAE
- There is significant demand for new and replacing obsolete switchgear



Applications

- MV Switchgear play a significant role in the modern electrical networks right from generating stations, various transmission substations at different voltages, distribution substations and loads



ADNOC Standards / Specifications Requirements

- ADNOC Air Insulated High Voltage Switchgear specification AGES-SP-02-003
- IEC 62271

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Variable Speed Drive Systems: LV/MV



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Overview

Opportunities to manufacture variable speed drive systems: LV/MV



Opportunity

- Currently there is limited local manufacturing for LV and MV Variable Speed Drive Systems within the UAE
- This opportunity represents high demand for a Hi-Tech product



Applications

- Variable Speed Drives are widely used to control motor speed like pump speeds, compressor speed, blower speeds other applications that require variable speed with variable torque.



ADNOC Standards / Specifications Requirements

- ADNOC Electrical Adjustable Speed Drive System Specification AGES-SP-02-004

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Circuit Breakers & Contactors



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Overview

Opportunities to manufacture circuit breakers & contactors in the UAE:



Opportunity

- Currently there is limited local manufacturing for Circuit Breakers and Contactors within the UAE
- This opportunity represents high demand for a Hi-Tech product



Applications

- Circuit breaker is used as a main part of Switchgear and distribution board for controlling and protecting electrical power systems
- The most common application area of the contactor is high-current load for switching an electrical circuit on or off



ADNOC Standards / Specifications Requirements

- ADNOC LOW VOLTAGE SWITCHGEAR AND CONTROLGEAR SPECIFICATION AGES-SP-02-006
- IEC 60947

Electrical

Explosion Proof Control Stations



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Overview

Opportunities to manufacture explosion proof control stations, junction boxes and cable glands in the UAE:



Opportunity

- Currently there is limited local manufacturing for Explosion Proof Control Stations, Junction Boxes and Cable Glands within the UAE
- This opportunity represents high demand for a Hi-Tech product



Applications

- High local demand of quality Control Stations, Junction Boxes and Cable Glands suitable for both industrial and hazardous area markets
- To be achieved through innovation, market leading design, rigorous testing and adherence to quality control.



ADNOC Standards / Specifications Requirements

- ADNOC BUK MATERIAL SPECIFICATION AGES-SP-02-019