

# MOHSIN ABDULHAMID

## SENIOR PROTECTION & METERING ENGINEER



0096899105412 - 0096892481873  
 Mohsin,Abdullah@omangrid.nama.om  
 PO Box 1389, Al Khoudh. PC 132 – Sultanate of Oman



## EXPERIENCE

26 Year Experience

### 1- Operation Engineer:- from 2/07/1996 To 05/02/1999 (3 Years)

500 kv New Suez grid station – Canal Zone – Egyptian Electricity Transmission Company ( EETC ) – Ministry of Electricity and Energy – Egypt.

### 2- Protection Engineer:- from 06/02/1999 To 31/10/2006 (8 Years)

Canal Zone – Egyptian Electricity Transmission Company (EETC) – Ministry of Electricity and Energy – Egypt.

### 3- Testing and commissioning Engineer:-

- from 13/10/2000 To 08/09/2001 (1 Year)

ABB High Voltage Company – Carrying out testing and commissioning 220/22 kv Al Zafrana Grid station – Canal.

- from 01/10/2001 To 05/05/2002 (7 Months)

Schneider Group Electric High Voltage Company – Carrying out testing and commissioning 66/11 kv Al Jameel Grid station – Port Said city - Canal.

### 4- Witness And Carrying Out New Projects:-

- from 13/07/2002 To 01/08/2003 (1 Year)

Siemens High Voltage Company – Carrying out testing and commissioning 220/66/11 kv Economic Zone Grid station – Canal Zone - Egyptian Electricity.

- from 25/10/2003 To 17/12/2004 (2 Years)

EGEMAC & Schneider Group Electric High Voltage Company Siemens High Voltage Company – Carrying out testing and commissioning 220/66/11 kv New 10 th of Ramadan Grid station – Canal Zone - Egyptian Electricity Transmission Company (EETC).

## PERSONAL INFO

- Date of birth: May 10/05/1969
- Nationality: Egypt
- Gender: Male
- Status: Married

## EDUCATION

- Degree: B.SC of Electrical Power Engineering
- University: Mansoura University - Egypt
- Graduation year: May 1993
- General Grade: Good ( 68.3 % )

## CURRENT CAREER

- Senior Protection & Metering Enginner
- Oman Electricity Transmission Company (OETC)



# MOHSIN ABDULHAMID

## EXPERIENCE

### 5- Protection Engineer:-

- from 09/11/2006 To 31/10/2008 (2 Year)

ALJOOD TRADING & CONTRACTING Est.

- from 04/01/2009 To 24/08/2009 (8 Months)

- Maintenance and tested All Types of protection Relays at 132 kv Grid stations Dakhliyah & Sharqiyah Region - Oman Electricity Transmis-sion Company (OETC).
- Troubleshooting All types of Protection Relays.
- Troubleshooting and Preventive Maintenance of Batteries and Battery chargers.
- Testing and Maintenance of Power Transformers, Circuit Breakers, Iso-lators, Capacitive Voltage Transformers , Current Transformers,132/33 kv Grid Stations Equipment.
- Technical Data Collections and UP-gradation.
- Witness upgrading power transformers at 132 kv Nizwa & Bahla Grid Stations.
- Witness 132 kv ADAM Grid Stations.

### 6- Senior Protection & Metering Engineer:-

- from 25/08/2009 to Now. (2 Year)

Oman Electricity Transmission Company ( OETC )

#### - Protection Engineer For Transmission system:-

- 400, 220 , and 132 kv OHL ,Cables and switchgears (AIS and GIS System).
- Power Transformers 40 , 63, 125 , 500 and 750 MVA.
- Control & protection ( CRP ) ,Metering , and teleportation panels. Communications and auxiliary system.
- Batteries and Batteries chargers 110 V , 48 V, and 30 V DC System.

#### - Witness contractors for commissioning /Testing OETC projects :-

- 132 kv Nizwa grid station ( Extension & upgrading ).
- 132 kv Bahla grid station ( Extension & upgrading ).
- 132 kv Adama grid station. ■ 132 kv Quryait grid station.
- 132 kv Yitti grid station. ■ 220 kv Ibri grid station.
- 220 kv Sur B grid station. ■ 220 kv Jahloot grid station.
- 132 kv Sur A grid station ( Extension & upgrading ).
- 132 kv JBB Ali grid station ( Extension & upgrading ).
- 132 kv Izki grid station ( Extension & upgrading ).
- 132 kv Dank grid station ( Extension & upgrading ).
- 132 kv Al Ajah grid station. ■ 132 kv Ibra grid station.
- 132 kv Bedayah grid station. ■ 132 kv Samad grid station.
- 132 kv Sinaw grid station. ■ 132 kv JBB Hassan grid station.
- 220 kv Sur IPP grid station ■ 400 kv Sur 3 grid station.
- 400 kv AL Qabil grid station



## PERSONAL INFO

■ Date of birth: May 10/05/1969

■ Nationality: Egypton

■ Gender: Male

■ Status: Married

## EDUCATION

■ Degree:

BSC of Electrical Power Engineering

■ University:

Mansoura University - Egypt

■ Graduation year:

May 1993

■ General Grade:

Good ( 68.3 % )

## CURRENT CAREER

### ■ Senior Protection & Metering Enginner

■ Oman Electricity Transmission Company (OETC)



# MOHSIN ABDULHAMID

## EXPERIENCE

### 6- Senior Protection & Metering Engineer:-

- from 25/08/2009 to Now. (2 Year)

Oman Electricity Transmission Company ( OETC )

#### - Personal Function Responsibilities:-

- Authorized Protection Engineer – Level III – Valid up to 12/09/2024
- **Authorized as defined in OETC System Safety Rules to undertake the classes of work detailed as following :-**
  - Category of Appointment :- CP2+AP1+AP2+AP3
  - Operational Category :- OA1+OA2
- Authorized to :- Prepare , Issue and cancel LOA , PTW and SFT .
  - Receive and clear LOA, PTW and SFT.
- Authorized to render interlocked inoperative.
- Responsible at the field level for protection related work- routine, maintenance, defect rectification , replacement , new installation protection relays, analysis of malfunctions , etc..
- Responsible to maintain the system which is equipped with a vast variety of equipments and relays ,switchgears, power transformers, auxiliary equipments , protected by relays ranging from ,mechanical type to intelligent micropro-cessor based ones.
- **Perform safe , timely and efficient maintenance of protection equipment:-**
  - Preventive maintenance and periodical maintenance.
  - Break down maintenance.
  - Emergency maintenance.
- Analyze various incidents, review the performance of protection and imple-ment necessary corrective measures.
- Lead a team of assistants, supervisors, and technicians in designing and maintenance of protection.
- Responsible for commissioning / testing of all new projects .
- Follow-up and coordinate with all other Engineers in maintaining certain standards as per OETC guidelines.
- Supervising all Sub-contractors for all type of works.

## TRAINER EXPERIENCE

### - I give training in the following topics:-

- Basic Protection For Power System Training for OETC Maintenance Technician . (2 Sessions )
- Basic Protection For Power System Training for OETC Operation & Maintenance Engineers (4 Sessions) .

## PERSONAL INFO

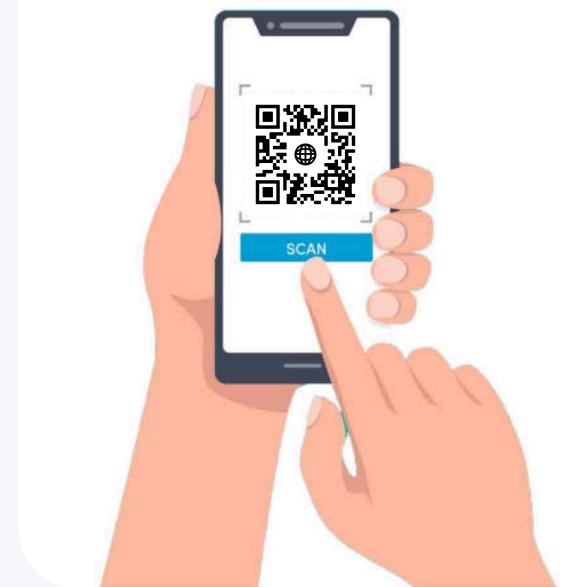
- Date of birth: May 10/05/1969
- Nationality: Egypt
- Gender: Male
- Status: Married

## EDUCATION

- Degree: B.S.C of Electrical Power Engineering
- University: Mansoura University - Egypt
- Graduation year: May 1993
- General Grade: Good ( 68.3 % )

## CURRENT CAREER

- **Senior Protection & Metering Enginner**
- Oman Electricity Transmission Company (OETC)



- Basic Protection For Power System Training for OETC Protection & metering Engineers.
- Scheme Drawing (control & Relay CRP , LCC , and MK ) training Course.

# MOHSIN ABDULHAMID

## TRAINING EXPERIENCE

### 1- Training at Network Training center Egyptian Electricity Trans-mission company ( EETC ) - Ministry of Electrical & Energy – Egypt :-

- Maintenance of power transformers ( Oct . 1996 )
- Substation Control Circuit Scheme ( SCCS ) ( Dec 1996 )
- Protection fundamental Part 1 ( P1 ) ( Feb.1997 )
- Protection fundamental Part 2 (P2) CT & VT ( Jul .1997 )
- Protection of Substation ( Bus Bar protection ) (Apr .1998)
- Protection of Substation (transformer protection ) (May .1998)
- Protection of Substation (feeders up to 66 kv P4 ) (Oct .1998)
- Fundamental of HV lines (OHL Protection P5A) (May .1999)
- Distance protection Relay ( ABB LZ96A P5B) (March .2001)
- Distance protection Relay ( ABB RAZFE) ( P5C) (Jun .2001)
- Distance protection Relay ( ABB L8b P5D) (Sep.2001)
- Digital Protection Fundamental ( P6A) (Jan .2002)
- OMCRON CMC 256 , CPC 100 Training and Introduction to OMICRON Test Universe Software Austria ( Dec,2003)
- SIEMENS & AREVA Protection Relays Training at EGEMAC Company ( Egypt ) (Sep.2005 )

### 2- Training at Oman Electricity Transmission Company(OETC) :-

- Power system protection Testing with the CMC Test system DUBAI , UAE (May.2010 )
- AL Salamah @Work training. ( OETC ) (Sep.2010 )
- Substation Commissioning Course (Oct.2010 )
- SIEMENS SPROTEC 4 training Course. (May.2012 )
- New generation of SIEMENS SPROTEC 5 training (JUL.2013 )
- Standard Operation Procedures for Maintenance ( SOP ) (Sep.2014 )
- GE Multiline Relay training Course (Sep.2014 )
- IEC 61850 Protection Testing with OMICRON CMC Test Equipment ( Manama, Bahrain ) (Oct.2014 )

### ■ OETC System Safety Rules:-

- (SSR) (Oct.2015 ) ■ (SSR) Refresher (Nov.2016 ) - (Dec.2018)
- TOSHIBA Protection Relays training Course . (May.2016 )
- SIEMENS SPROTEC 5 Protection Device Course, (Aug.2016)
- GE Multiline UR L90, D60, T60, C60, F60 , AND F650 protection Relays training Course (Feb.2017 )
- How to use OMICRON CT Analyzer , DANEKO 400 , TICRO (Jul 2018)
- HSE Safety Leadership Workshop . (Oct.2019)
- First Aid CRP&AED Training program at NICD . (Jul.2018)
- DEFENSIVE DRIVING – LV at National Training Institute (May.2017)



## PERSONAL INFO

- Date of birth: May 10/05/1969
- Nationality: Egypt
- Gender: Male
- Status: Married

## EDUCATION

- Degree: B.SC of Electrical Power Engineering
- University: Mansoura University - Egypt
- Graduation year: May 1993
- General Grade: Good ( 68.3 % )

## CURRENT CAREER

- Senior Protection & Metering Enginner
- Oman Electricity Transmission Company (OETC)

