

## RESUME

### I. PERSONAL

NAME : **MOHAMMED ADIL ALI**  
NATIONALITY : INDIAN  
DATE OF BIRTH : 06, MAY, 1985  
MARITAL STATUS : MARRIED  
DISCIPLINE : **ELECTRICAL & MECHANICAL**  
Electrical Draughtsman (CADD & MICROSTATION OPERATOR)  
CONTACT : **0532223840**  
E-MAIL ADDRESS : md.adil5287@gmail.com  
  
KSA Muqheem (Iqama) : **Transferable Valid up to 15/06/2022**

### II. EDUCATION ATTAINMENT

Diploma in Architectural Draughtsman  
From Gemstech Advance Engineering ,  
Science & IT Technology.  
Telengana India

Secondary Schooling Certificate from  
St Marys High School  
Telengana India

### III. COMPUTER SKILLS

**MICROSTATION** SE, V7 (J), V8 & V8.2004  
**AUOTCAD-** 2000 to 17 version.

### IV. PROFESSIONAL CADD STANDARD

**SAUDI ARAMCO CADD STANDARD**  
**Discipline: Drawing type –CAT**  
(Auto-SACS) Template: DEF  
**And SEC (Secs-Auto) –SEEDS-II**  
(Saudi Electricity Company Engineering  
Drawing Standard)  
Prepared drawings in Micro Station V8

### V. WORK HISTORY

**Company** : **Specialized Oil & Gas Engineering**  
**(Sogec Co.)** Division of ISSAM KHAIRRI KABBANI  
(IKK - Group of Companies) Dammam-31452, KSA.

**Dec, 2013 – still continue** : Position - Electrical Draughtsman  
Electrical, Mechanical (Cathodic Protection system) Using Micro Station & Auto Cad

**Project** :All types of Cathodic Protection system  
Installation for Aramco Standard-decipline  
DEF (CAT) – Index-X & and non-Aramco.  
Plant Piping; underground Pipelines,  
Buried Pipelines Tanks, vessels, all types of  
Wells- Oil Well, Gas Well & Water Injection  
well

**End Client** : Saudi Arabian Oil Company (Saudi Aramco)  
Contractor Warley Parson, Sec (Ghazlan power  
plant 1&2), Royal  
Commission Jubail & Yanbu, Yanpet – (Yanbu  
Refinery petrochemical co.), Sabic, SWCC and  
Other Co.,

Overall 10 Years Gulf Experience Working in SOGEC Co. (IKK Group of companies)  
in Kingdom of Saudi Arabia by using Design software's & CAD Standard in  
ELECTRICAL/MECHANICAL & CIVIL drafting using computer Aided Methods i.e.; **Micro  
station & Auto cad** over my experience I have worked for Cathodic Protection System  
(Underground pipeline, Tanks,metal object Protect from Corrosion) for concrete structures,  
Reinforcement rebar, Underground Pipeline, Fire Hydrant, RTRP Pipelines, Wells, Steel or Concrete  
Piles, Pile Cap, Abutment wall, Retaining wall (offshore). Prepare drawings for all types of Tanks  
And Vessels (Impressed Current CP System at External Tank Bottom- & Tank Internal CP System or  
Sacrificial Anodes).

Using I/RasB for Digitizing Raster files and for preparing hybrid files (Raster + Vector), Work  
on TIFF files in Micro station and Converting Cad Files into Micro station format. Involved in  
preparing strategy of project, coordination, scanning & plotting.

Working as a Cad Designer for Cathodic protection system for Aramco Pipelines  
Wells/ Underground Pipelines, Primary engineering of Plant piping design projects for  
Various SEC/ARAMCO contractors/clients and other major local clients. As a Cad Designer  
I was involved in the following projects.  
Prepare all Fabrication & Assembly drawings for QA/QC department for  
Cathodic protection Equipment's: As per Sabic, Royal Commission or Aramco Standard drawings  
(SAES, SAMSS).

All type of Junction boxes, Bonding Box, Explosion junction box for hazardous area,  
Test Stations, all types of Galvanic Anodes- Aluminum, Zinc, Magnesium, Magnesium-  
Ribbon, Silicon, MMO Tubular Anodes, type TA2, 4 & 5, all types of Reference  
Electrodes.

## **I. DETAILED WORK EXPERIENCE:**

## **CADD OPERATOR PROJECTS COMPLETED**



شركة المياه التحلية  
Saline Water Conversion Corporation

### **SALINE WATER CONVERSION CORPORATION (SWCC)**

Jubail - Riyadh Water Transmission System

Jacob Zate - LIMAK & MAPA (SWCC CONTRACTOR)

Plant Piping & Station Piping- PS1, PS2, PS3, HPT-C, HPT –Tie-in RCFL, Rasal Khair  
Project #30403 /20397 (X4O-378 / X4O-379)

Prepare Drawings for Cathodic protection System for:  
Permanent CP & Temporary CP System for all Station Piping.



### **Worley Parson Engineering Consultancies Co. (Saudi Aramco Contractor)**

PMT Project Management Team (Saudi Aramco)

Cathodic Protection for 92 Wells

Aramco (P.O. # 3009/01083)

**Location: Khurais, Uthmaniyah, Haradh, Aindar, Hawiyah, Abu Jifan, Shedgum**

Prepare all cathodic protection layout drawings for: Gas Well, Oil Well, and Water Injection Well & Observation Well in Micro Station (DGN) format.

General CP Layout, Schematic Drawings, Wiring Diagram, Single line diagram, Data Schedule, Ground bed (Deep Anode Bed), Surface Anode Bed installation details drawings.



### **Worley Parson Engineering Consultancies Co. (Saudi Aramco Contractor)**

PMT Project Management Team (Saudi Aramco)

Cathodic Protection for 120 Wells

Aramco (P.O. # 3009/01561)

**Location: Ghazlan, Khurais, Uthmaniyah, Haradh, Nuayyim, Hawiyah, Abu Jifan, Shedgum,  
Project completed**

Prepare all cathodic protection layout drawings for: Gas Well, Oil Well, and Water Injection Well & Observation Well in Micro Station (DGN) format.

General CP Layout, Schematic Drawings, Data Schedule, Ground bed (Deep Anode Bed), Surface Anode Bed installation details drawings.

Prepare all cathodic protection Installation drawings for Layout, Schematic, Data Schedule, Ground bed installation details.



**Worley Parson Engineering Consultancies Co. (Saudi Aramco Contractor)**  
**Gas Production Pipeline Network**  
**Project ongoing**  
**(Field GAS Compression Gathering manifold flow lines For Hawiyah & Haradh) Jo**  
**# 10-02029-0001**

Prepare all cathodic protection general layout Plan & Profile drawings in micro station.

Prepare all Installation details, Layout & Schematic drawings for ICCP system (Permanent CP & Temporary CP).



**McDermott Arabia Company Ltd, (Saudi Aramco Contractor)**  
**9 Well head platform Jackets in Safaniya, Marjan, & Arabian fields) Offshore Plant**  
**Piping, Pipelines Zuluf**  
**Jo # 10-00094-0001**

Prepare all sacrificial cathodic protection Installation drawings.

Prepare all Cathodic protection Installation details on Piles and all Galvanic Anodes Details.



**QRT-10R MLV AT KM 24 QJ (PIPELINES QATIF-ABQ)**  
**Jo # 10-01443-0001**

Prepare all cathodic protection general layout drawings, Alignment Sheets in micro station.

Prepare all Cathodic Protection drawings for Kilometer Marker Test station, Galvanic Anode & Test Station, Flush Fink/ Flush Mounted Test station and Installation Details as per Aramco Standard or as per Detail Design.



**Cathodic Protection System for Sea Water Pump Station**

Royal Commission in Jubail - Ras-Al-Khair  
FEMCO -Faisal electro mechanical co. ltd (Contractor)  
Contract # 201-C01, Job # 027-T02 (X30-561)

Prepare Cathodic Protection installation drawings impressed current CP system for Rebar's in Concrete for following areas:

Prepared CP installation drawings: mark Zone boundary from Zone1 to Zone 76 as per design calculation from CP designer for above structure for rebar's (foundation, External/Internal Walls, Beams columns, Slabs, Pedestal).

**SEC (Saudi Electricity Co.)**

**SCECO :( REPLACEMENT OF CATHODIC PROTECTION SYSTEM IN GHAZLAN 1 &2 POWER PLANT) –SEED-II STANDARD**

Contract # 1-1023007-00A (X30-231)

GHAZLAN – KSA

Prepare drawings in SEED-II format (Standard Electricity Engineering Standard) in SEC- Micro Station for cathodic protection General layout for Buried pipeline - Circulating Water Pipeline, Service water Discharge, Fire Water Pipeline & Fire Hydrant Pipeline

**SAUDI YANBU PETROCHEMICAL COMPANY (YANPET) YANBU**

**Client: SABIC**

Prepared drawings for installation details & layout testing & commissioning for permanent CP system for Plant, Fire water Fuel Oil and Potable Water tanks.

Prepare CP layout drawings on Raster Image Existing drawing (TIFF) in Micro station format for Plant Piping layout and Impressed Current Tanks CP system (External Tanks) Vertical & Horizontal MMO Anodes installed around the tank.

**ALKHAFJI JOINT OPERATIONS KGOC/AGOC**

Prepare all cathodic protection Plan, Section & Elevation Anodes Installation drawings for Piles (Steel Structure) Offshore as per CP Designer Instruction.

**SALINE WATER CONVERSION CORPORATION (SWCC)**

Taif-Turabah/Ranyah-Al khurmah WTS

(SWCC CONTRACTOR)

Plant pipeline & Station

Prepare Drawings for Cathodic protection general layout, Plan & Profile sheets marked as per design sheets for Kilometer Markers, Galvanic anodes, bonding for Parallel & pipeline crossing. Permanent CP system layout and installation drawings

**SALINE WATER CONVERSION CORPORATION (SWCC)**

Ras Al Khair - Hafar Al Batin Water Transmission System

MAPA - LIMAK - MNG COMPANY (ML) (SWCC CONTRACTOR)

Plant pipeline & Station- RAS AL KHAIR PS1, NUAIRYAH RESERVIOIR, ABU

HADRIYAH, HAFAR AL BATIN, QARYAT AL OLAYAH STATIONS

Project #31003 (X30-366)

Prepare Drawings for Cathodic protection general layout, Plan & Profile sheets marked as per design sheets for Kilometer Markers, Galvanic anodes, bonding for Parallel & pipeline crossing.

Prepare CP Layout drawings for Impressed Current CP system for Pipeline/Plant (Permanent CP & Temporary CP System for Plant & Pipelines).

**SALINE WATER CONVERSION CORPORATION (SWCC)**

**RAS AZ ZAWR - RIYADH WATER TRANSMISSION SYSTEM - PACKAGE (B2+C)  
CONSTRUCTION OF PIPE LINE FROM PS3 TO RIYADH TERMINALS & CONSTRUCTION OF  
PUMP STATIONS, LVS & TIE-IN STATIONS  
CONSORTIUM SSEM - AL RASHID - HAK (SWCC CONTRACTOR)**

Plant Piping, Blending Station & Tanks- Pump station PS1, PS2, PS3, NUAIRIYAH RESERVIOIR,  
ABU HADRIYAH, HAFAR AL BATIN, QARYAT, QATIF STATIONS & others.  
Project # 31001 (X30-231)

Prepare Drawings for Cathodic protection general layout, Plan & Profile sheets marked as per design sheets for Kilometer Markers, Galvanic anodes, bonding for Parallel & pipeline crossing.

**VI. PREVIOUS WORK HISTORY**

**Company** : **Construction Mangement Division  
(CMD.)** Division of ISSAM KHAIRRI KABBANI  
(IKK - Group of Companies) Dammam-31452, KSA.

**July, 2011 – To Dec 2013** : Position - Electrical Draughtsman  
Electrical, (Construction Shop Drawings)

**DETAILED WORK EXPERIENCE:  
PROJECT**

- : SAFETY & SECURITY BUILDING & GATES
- : ELECTRONIC BUILDING
- : WORK SHOP BUILDING
- : 100 VILLAS FOR STAFF
- : ENGINEERING COLLEGE BUILDING
- : EXPANSION OF ENGINEERING COLLEGE  
DAHRAN KSA
- : RESEARCH CENTER BUILDING
- : CENTRAL STOREHOUSE

**References Contact person in Issam Kabbani Sogec Co. (KSA) Cathodic Protection Division**

1. **Ahmad Rajab** – Technical Manager/Engineering Manager  
Email: [Ahmad Rajab <ahmad.rajab@ikkgroup.com>](mailto:ahmad.rajab@ikkgroup.com)  
Tel: 966 13-8923333-ext. 3740
2. **Khaled Yousuf- Operation Manager**  
Cathodic Protection/NDT/Hear treatment  
Email: [khaled.youssef@ikkgroup.com](mailto:khaled.youssef@ikkgroup.com)  
Tel: 966 138923713; Mobile: 966 555 92 90 61
3. **Samer Abuimarah-Project Manager**  
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4. **AFAQ AKHTER-Project Manager (ELECTRICAL DEPARTMENT)**  
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