

CURRICULUM VITAE

RAFIQ AHMAD LANGRIAL

Qualification: B.E Mechanical
DOB: 04-12-1966

Present Address: Al Jubail KSA
Mobile # +966-56-2455365

Home Address: Al Ghurair Giga Flat No: 112, Block-II DHA
Phase-II Islamabad-PAKISTAN
Mobile # +92-334-7877803
E-Mail: hameez2007@yahoo.com



OBJECTIVE

Looking for a highly challenging position in the field of Mechanical Operation, Maintenance & Project Management that will not only provide me with a rewarding experience of working with the best minds of the profession but also allow me to contribute my very best to the organization that will let me utilize my background in engineering in a rewarding and challenging environment to enhance the fiscal viability.

CURRENT POSITION

Project Manager (Pre-Fab Building (Portacabin))

World Green Engineering & Contracting Co Jubail

From June 2021 to Date

Role Responsibilities

- 1) Ensure that all Projects are delivered in accordance with all appropriate H&S and according to Project Specification (Saudi Building Code & Aramco Standard), as applicable, and good practice.
- 2) Manage project installations and dismantles ensuring that projects are completed within planned costs and agreed timescales.
- 3) Ensure compliance to all necessary Project Delivery processes and procedures including ISO 9001 and Customer Charter.
- 4) Manage all correspondence, documentation and information relating to project delivery in accordance with the Portacabin Project Delivery and

Document Control standards.

- 5) Ensure compliance with all legislation, codes of practice, industry guidelines and /or Company procedure relating to Health and Safety.
- 6) Ensure all projects are delivered on site in accordance with the Site Operations Manual.

PROFESSIONAL EXPERIENCE

Pre-Fab Building (Light Gauge Steel) Projects

1.	Supply & Installation of Site Office Portacabin as per Saudi Aramco	Global IWI Saudi Arabia (Marjan)	Portacabin as per Aramco Standard
2.	Supply & Installation of Site Office Portacabin as per Saudi Aramco	Daeah Arabia (Marjan)	Portacabin as per Aramco Standard
3.	Supply & Installation of Site Office Portacabin as per Saudi Aramco	Hyundai Engineering Contruction Co. (Marjan)	Portacabin as per Aramco Standard
4.	3500 Persons Residential Camp at Jafurah	World Green Engineering & Contracting Co.	Portacabin as per Aramco Standard
5.	2500 Persons Residential Camp at Haradh	World Green Engineering & Contracting Co.	Portacabin as per Aramco Standard
6.	3000 Persons Residential Camp at Haradh	World Green Engineering & Contracting Co.	Portacabin as per Aramco Standard

March, 2006 to Feb. 2021

Organization: Ground Engineering Contractors (GEC) Kingdom of Saudi Arabia

**Designation: Operations Manager - Mechanical Section & Projects Division
Project Manager**

I worked with a very famous ISO 9001:2008 certified company Ground Engineering Contractors (GEC) a major Piling /ground improvement entity in kingdom of Saudi Arabia (KSA) dealing specially in foundation engineering projects with the leading role in project management ,piling & allied heavy duty equipment operation & maintenance. Detailed as below,

- 1) Pneumatic controlled mechanical / hydraulic powered Crawler / Mobile Carnesup to 130 Tons
 - i. Capacity.
- 2) Hydraulic powered Drilling / Driven piling rigs up to max torque 25 m-ton, maximum drilling dia
 - i. 2.5 m * 55 m deep.
- 3) Mait and Casagrande Italy CFA piling rigs HR 180 and B125, B250 and B250XP.
- 4) ICE & IHC Vibratory and Hydro hammers, Power Packs with all its accessoriesfor

piling works.

- 5) Hydraulic powered PENNINE Vibroflotation system with power packs and all its accessories.
- 6) CATERPILLAR 3406, 3408 Electric power generators equipped with diesel engines.
- 7) Sykes & UPS centrifugal type pumps equipped with extra high performance vacuum system.
- 8) Korean CFA hydraulic powered double rotary head drilling rigs for 60 & 80 cmdia piles.
- 9) Forklifts up to 07 ton capacity.
- 10) Independent Installation, erection/ commissioning of Jean Lutz measuring data logging system with the CFA machines and LT3 VBF stone column equipment.
- 11) Manage and control the logistics of heavy equipment and allied machinery safely.

Areas of expertise

- Business Development Budget
 - Management Strategic Planning/Analysis
 - Personnel Development
 - Vendor/Financial Management
 - Profit Maximization Cost Control/Reduction Program Management
 - Team Leadership Process
 - Improvements Change Management Relationship Building
- Resource Management according to Project Specifications

Key Skills Assessment

Strategic Management– Experienced in vendor management, contract negotiations and strategic financial analysis to increase efficiencies and reduce costs while maintaining solid report with business partners. Team Leadership and Budget Management – Expertise in leading and building cohesive cross functional teams and collaborating with senior executives in improving operations and starting up new business locations while overseeing staff and managing budgets. Process Improvements – Devised and implemented processes, procedures, Systems and internal controls to strengthen operations, increase productivity and enhance client satisfaction.

Dec, 2004 to Nov.2006

Organization: **ITTEHAD CHEMICALS Ltd 30MW GAS POWER PLANT kala shah kaku Lahore, Pakistan.**

Designation: **Operation & Maintenance Engineer**

Worked at **30 M W GAS FIRED POWER PLANT** installed with the **WARTISLA 18 V 34 SG (5.9 MW *5) GAS ENGINES and Auxiliaries** dealing in the operation & maintenance field.

RESPONSIBILITIES:

- 1- O & M of **WARTSILA 18 V 34SG (5.9 MW*5)** 60 Hz and 50 Hz gas engines, Major and Top End
Overhauling maintenance carried out.
- 2- O & M of **GARDEN DENVER Screw type gas compressors**, Maintenance carried out Up to 24000 Hrs.

- 3- O & M of **DDFC (4.5 *5 M Ton / hr) Waste heat recovery fire tube boilers** including the Annual 3rd party inspections.
- 4- Responsible to lead the Operation & Maintenance team to achieve the designated Target safely and within the time limit for the good performance and production of power plant.
- 5-Distribution and control of **Steam flow** at **utility plants** and **process system**.
- 6-To control and manage the operation and maintenance staff duties as per planned routine Schedule and emergency Shutdown maintenance.
- 7-**24 HRS** On call available for support to run the plant smoothly.

Dec, 1994 to Nov.2004

Organization: **National Refinery Ltd., Karachi Pakistan.**

Designation: **Mechanical Engineer**

RESPONSIBILITIES:

- 1) O & M of **Niigata Engine 16V 32LX (5.5 MW*6)** 60 Hz HFO Power Plant, Major and Top End overhauling maintenance carried out.
- 2) Responsible to lead the Operation & Maintenance team to achieve the designated Target Safely and within the time limit for the good performance and production of power plant
- 3) Distribution and control of **utility plants**.
- 4) To control and manage the operation and maintenance staff duties as per planned routine Schedule and emergency Shutdown maintenance.

HANDS ON EXPERIENCE

ERECTION, COMMISSIONING, EXPERIENCE:

Having management level Erection / commissioning experience on the Following;

- **Wartsila 18V 34SG Gas Engines and Axillaries.**
- **Water & fire tube boilers, Screw type Gas Compressor.**
- **Reverse Osmosis &Water Treatment Plants**

OPERATION AND MAINTENANCE SKILL:

On the following equipments.

1. Wartsila 18 V 34 SG Gas Engines along with Garden Denver Screw type Gas Compressors 4000m³/hr and auxiliaries
2. Enerproject Screw type Gas Compressor capacity 1850 m³/hr, maintenance carried out Up To 18000 service hrs.
3. Bono Energia Waist Heat Recovery Water / Fire tube boilers capacity 25, 10 & 2 Ton/hr.
- 4- LG Absorption Hot Water / Steam Fired Chillers capacity 550&100 Ton / hr.
4. VEMS Reverse Osmosis Plant capacity 24 Ton /hr.
5. Water Treatment Plants 25 Ton /hr, Cooling Towers, Heat Exchanger
6. Reciprocating Air Compressors, Air Dryers, Pumps (centrifugal / gear types 8- Positive displacement and rotary type pumps (single stage and multi stages) 9- All other related Auxiliaries of power plant.

Construction Projects (2007-2020)

Sr. No.	Project Details	Client	Nature of Works
1	Shapoorji Pallonji Mideast(L.L.C.), Riyadh	SABIC Jubail Main Building Project, KSA.	Bored Piling With Cathodic Protection (CP installed steelCage) & Instrumented Piles LoadTests Works
2	Asphalt Expansion Production Facilities Project, Ras Tanura Refinery	Saudi Arabian Kentz Co. Ltd., Al Khobar	Bored Piling Works
3	Program Increment 2 – Mutrafiah, Jubail	Azmeel Contr. Co., Jubail	Stone Columns Works
4	National Grid Services Center(SEC-EOA), Jubail	Salman Abdullah Alduhaim Sons Co., Jubail	Stone Columns Works
5	Installation of Additional Sludge Distillation Vessel, Saudi Kayan	Olayan Descon Industrial Co. Ltd., Jubail	Bored Piling Works
6	Ras Tanura Refinery Clean FuelsProject	Nesma & Partners Contr. Co.,Al Khobar	Bored Piling Works
7	Jubail 1 – Support Industries Area(R.C. & Faisaliah), Jubail (Check Point 3)	ABACON, Dammam	Stone Columns Work
8	Ma'aden Umm Wu' Al Project,Ras Al Khair NPK/DAP Plant	Dragados Gulf Constr. Co Ltd., Al Khobar	Bored Piling Works
9	SADARA Chemical III Project	SINOPEC Engineering, Khobar	Secant Piling Works
10	Saudi Chevron Beach Camp, Jubail	Gulf Constr. Contr. Est. (GCE) Abu Ali Island, Jubail	Stone Columns Works
11	Waste Water Treatment Plant,Saudi Kayan,	Dragados Gulf Constr. Co. Ltd., Al Khobar	Bored Piling Works
12	Constr. of Apartment Bldgs. Ph-1, Jubail University (R.C. Contract No. 97-C71)	Azmeel Contr. Co., Jubail	CFA Piling Works
13	SADARA Chemical III Project	SINOPEC Engineering, Khobar	Temporary Shoring Works
14	Oily Water Lift Station LoadingRackFacilities, Ras Tanura Refinery	Dragados Gulf Constr. Co. Ltd., Al Khobar	Sheet Piling Works
15	Ma'aden Umm Wu'Al Project, RasAl Khair Plant Storage, Infrast., Utilities & Off Sites	Dragados Gulf Constr. Co., Dammam	Stone Columns Works
16	Saudi Kayan NDA Proj., Jubail	Sinopec E&C Middle East.Co. Ltd., Jubail	Bored Piling Works
17	Ma'aden Phosphate Co., Jubail Ind'l. City	Ma'aden Ammonia Project, Ras Az Zawr	Bored Piling Works

18	Constr. of Family Apartment, Jalmudah – Phase 4, Jubail (RC Cont. # 815-C16)	Azmeel Contracting Co.,Jubail	Stone Columns Works
19	Marafiq SWRO Desalination PlantPhase 2	AL- Fatah, Jeddah	Bored Piling Works / Secant Piling Works/ Dewatering Works
20	Compensation, Safaniyah 380/230kVBSP	SIEMENS LTD., Al Khobar	Stone Columns Works
21	Pipe Spool Fabrication Workshop,Jubail	Tamimi Global (TAFGA), Dammam	Geotechnical Investigation Works
22	Potable Water Line at Road 138,Jubail	Azmeel Contracting Co., Jubail	Shoring Works
23	SADARA Steam Generation Proj.RTIP, Jubail	Nesma & Partners, Al Khobar	Bored Piling Works
24	LSPB-1 SADARA Project, Jubail	Larsen & Toubro ATCO Saudi L.L.C. Dammam	Shoring Works
25	Constr. of Housing Units (2Villas), Phase 815-C13, Jalmuda, Jubail	Azmeel Contracting Co., Jubail	Stone Columns Works
26	Ma'aden Jalmudah Muti-Storey Apartments	Azmeel Contracting Co., Jubail Jubail	Stone Columns Works
27	Ras Al-Khair Hafar Al Batin Pumping Station, SWCC Water Transmission Project	MAPA Limak-MNG Co., Riyadh	Stone Columns Works
28	Coast Guard Facilities, R.C. Contr.#716- C02R	Azmeel Contracting Co., Jubail	Stone Columns Works
29	Olefins-I Cold Box RevampProject, at Jubail	Olayan Descon, Jubail	Bored Piling Works
30	Gulf Packeging Project, Jubail FilmPlant Expansion Project	Gulf Packaging Industries Ltd., Jubail	Stone Columns Works
31	GOSI Investment Housing Phase-2, R.C. Contr. # 709 – Y12, Jubail	Azmeel Contracting Co. Jubail	Stone Columns Works
32	R. C. Contract # 627-C17, Constr. of Imam Assem Quran School &Girls School	Real Estate Dev. & Inv. Co. Ltd., (REDICO), Al Khobar	Stone Columns Works
33	SATORP Saudi Aramco Project Total Oil Refinery & PetrochemicalJubail Export Refinery, Package 5A.	Contracting & ConstructionEnt. (CCE), Riyadh	Bored Piling Works
34	115/13.8kV Substation atMutrafiah	Energy & Power Contr. Co. Ltd. (EPC), Al Khobar	Fundex Piling Works

35	R. C. Contract # 805-C05, Constr.of Apartments at Jalmudah	Azmeel Contracting & Const.Co., Jubail	Stone Columns Work
36	Grating & Galvanizing Workshop in Jubail Ind'l City, Jubail	Azmeel Contracting & Const.Co., Jubail	Stone Columns Work
37	Saudi Kayan S/S and Jubail Port, K62	Nesma & Partners Co. Ltd., Al Khobar	Bored Piling Works
38	Saudi Aramco Contract No. 6600008621/04, Abu Ali Water Injection Facilities	Zamil Offshore Services Co. (ZOSCO), Al Khobar	Pipe Piling Works
39	Saudi Kayan S/S 111081 Project	Al Naba Enterprises, Jubail	Bored Piling Works
40	Cleveland Bridge Project	Cleveland Bridge Arabia Ltd., Al Khobar	Bored Piling Works
41	Admin., Mosque, Canteen & Fire Water Tank Area, EGCCL Site	EUROGULF (EGCCL), Jubail	Stone Columns Works
42	Saudi Kayan Polycarbonate Project	Daelim Saudi Arabia Co. Ltd., Jubail	Stone Columns Works
43	Maintenance Area Buildings, Saudi Kayan Project	KAMCO, Dammam	Stone Columns Works
44	Administration Area Buildings, Saudi Kayan Project	KAMCO, Dammam	Bored Piling Works
45	Cleveland Bridge Project	Al Rushaid Investment Co., Al Khobar	Stone Columns Works
46	R. C. Contract No. 098-C29, P&C of Jubail Industrial College	Rezayat Co. Ltd., Jubail	Stone Columns Works
47	Seamless Pipe Plant Project	Azmeel Contracting & Const Corp., Jubail	Stone Columns Works
48	Methanol Expansion Projects	CHEMANOL, Jubail	Stone Columns Works
49	Methanol Expansion Projects	CHEMANOL, Jubail	Bored Piling Works
50	Substations & Control Buildings, Saudi Kayan Petrochemical Proj.	Al Naba Contracting Ent., (NCE), Jubail	Bored Piling Works
51	Road Crossings, Firewater Ringman and Road Works, Saudi Kayan Project	Abdulla A. Dossary Co., Al Khobar	Bored Piling Works
52	Saudi Kayan Petrochemical Project	Abdulla A. Dossary Co., Al Khobar	Load Test on Bored and Driven CIS Piles
53	Friday & Daily Mosque, Haii Al Deffi	Azmeel Contracting & Construction Corp., Jubail	Stone Columns Works
54	Chemical Manufacturing Facility, IDPC Project.	Industrial Development & Promotion Co. (IDPC), Jubail	Stone Columns Works
55	S. Aramco Cont. 6600017464, Berri Causeway & Abu Ali Island	Saudi Aramco, Dhahran	Driven Pipe Piling Works
56	230 kV Substation Building, Saudi Kayan Project	Nesma & Partners Contr. Co., Al Khobar	Bored Piling Works

ACADEMIC QUALIFICATION

Sr No.	Degree	Institution	Year of Passing
01	B.E MECHANICAL	N.E.D University of Engineering & Technology Karachi	1994

Professional Affiliations:

- Life Membership of Pakistan Engineering Council. (PEC Membership No.:Mech/10934)
- Membership of Institute of Engineers of Pakistan (IEP)-Saudi Chapter.
- Member of Saudi Council of Engineers. (SCE Membership No.:Mech/44894)

VISION رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

شهادة
اعتماد مهني
Certificate
Professional Accreditation

الهيئة السعودية للمهندسين
SAUDI COUNCIL OF ENGINEERS

Membership no.: 44894

عضوية رقم: 44894

Saudi Council of Engineers, which aims at prescribing necessary rules, regulations, and examinations for obtaining professional degrees, as stipulated in its Statute issued by Royal Decree 36/M dated 26/09/1423H, and in accordance with the Executive Bylaws and Regulations for professional accreditation, hereby awards:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م / ٣٦ وتاريخ ٢٦ / ٩ / ١٤٢٣هـ، بوضع القواعد والامتحانات اللازمة للحصول على الدرجات المهنية وبناءً على اللائحة التنفيذية وقواعد الاعتماد المهني للمهندسين، فقد قررت الهيئة منح:

RAFIQ AHMAD LANGRIAL

رفيق احمد لانجريال

Classification: Engineering

التصنيف : هندسة

Specialization : Mechanical Engineering

التخصص : هندسة ميكانيكية

15 November 2023

03 جمادى الأولى 1445

Secretary General الأمين العام

المكلف / م. عبدالناصر بن سيف عبداللطيف

Awards & Appreciation/ Achievement







nebosh

NEBOSH Award in Health and Safety at Work

This is to certify that

Rafiq Langrial

was awarded this qualification on

08 March 2013

Sir Bill Callaghan
Chair

Teresa Budworth
Chief Executive

Master log certificate No: 00176763/441965

SQA Ref: R204 04



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