

Nashwan Dhyaa Mahdi
Iraq, Baghdad/Basrah
(964)7807632246
(964)7706366773
N_alforaty@yahoo.com

Resume

As Field Service Engineer (Rotating and static equipment) with good experience in plants construction and maintenance, beside completions, commissioning and start-up, have the ability to analyze complex engineering problems and recommend solutions. I'm driven, hard worker and complete all projects to an excellent standard, on time and to budget. Looking to take the next step in my career with an international player in the Oil &Energy market.

Highlights of Qualifications

- Good experience in working as a Field Engineer in Static Equipment and Valves inspection, installation and maintenance.
- Profound knowledge of installation and operation of Turbines, pumps & compressors systems.
- Daily reports preparation
- Laser & dial gauges Alignment of rotating machines
- Heavy lifting professional
- Bolt tensioning, torque
- Hot Bolting
- Hydraulic tensioning machines repair
- Comprehensive P&ID knowledge "Plotting, and verification".
- Comprehensive Valves knowledge "maintenance, check and installation".
- Excellent inspection sheets preparation and reporting of the valves.
- Proficient in Autodesk **AutoCAD Plant 3D**, **AutoCAD P&ID**, MS office and Microsoft Visio "P&ID design program".
- Maintained and performed installation at the site for the systems and the associated equipment.
- Ability to identify malfunction on mechanical systems and equipment.
- Skilled to respond to all the customer problems.
- Excellent written and verbal communication and leadership skills.
- Proficient in coordinating with the internal team and customers to resolve problems.
- Very good Background in NDT
- Very good Background & Management for Civil, Electrical and Instrumentation works
- Excellent plant maintenance **Shutdown** management
- Scaffolds inspection
- Cost and invoice preparation

Projects:

- 1- **Mechanical Engineer**, Al-Haidariya power plant **Construction**(500megaWatt) with **Baghdad company** from 2011-7 to 2013-11, Najaf city



Under supervision from general electric GE power & water & MoE

Type of units: GE FRAME 9E

Responsibilities:

- Installation of two Frame-9E units starting from foundation to final erection & commissioning and start up.
- Materials inventory.
- Installation of off base piping, on base piping & instruments piping.
- Installation of inlet filter house.
- GNAC & GLAC installation.
- Exhaust elbow (skidding), duct and transition piece installation.
- Installation of CO2 skids & checkout the pipes.
- Installation of install heavy fuel skid, light fuel skid, vanadium skid, sump tank skid, air processing skid, water injection skid, gas module skid, gas filter skid, light fuel forwarding skid heavy fuel forwarding skid, heater skid for 2 units & Crude Oil Treatment Plant.
- Commissioning for wash water system, lube oil flushing 88QA, 88QH, VIGV System, atomizing air system. Ventilation system 88BT1-2, 88VG1-2, 88VL1-2, 88JS1-2, starting means 88TM, 88CR, cooling water system.
- Fin-Fan cooler inclination and tip clearance setting and 88CW1-2 and filling the piping line with de-mineralized water with glycol and check its PH.
- commissioning of sump tank skid, air Processing unit commissioning APU and self-cleaning & filter house inspection, washing skid, lube oil, ventilation, atomizing , cooling water ,Starting means & VIGV.
- Using river hawk hydraulic tensioner to install coupling studs

- 2- **Team Leader**, Al-Najibiya power plant **Construction**(500megaWatt) with **Enka Teknik** company- **Baghdad Company JV** from 2013-11 to 2016-07, Basra city



ENKA TEKNİK
General Contracting Maintenance
Operation and Management Inc.
"THE PARTNER FOR ENGINEERED SOLUTIONS."

Responsibilities:

- Responsible about install 2 units GE's frame 9e as mechanical engineer and execution of all activities to install frame 9e starting from embedded pieces to final alignment & commission.
- lead team work; management the mech. Section, make schedule for mech. Activities, liquidating the work, advise to make job easy and quickly, distribution the activities on staff and tracking, daily checking, daily meeting with staff, weekly meeting with the client, good listening for client, extra job analyses & execution.
- Reporting for manager, inventory of materials, check & inspection materials, make lifting plan, heavy equipment installation.
- I led more than 40 personnel to achieve these jobs, including 3 engineers, 2 junior engineers, 15 technicians, 2 tools keepers, 1 driver, 1 documentation, 15 labor, 6 welders and 3 fabricators. We achieved all these activities (starting from embedded pieces to final alignment & commissioning) in short time.
- Various rotating equipment alignment, rim & face method (cooling water pumps, starting motor, auxiliary to turbine & generator to turbine, lube oil main pump)
- Installation of off base piping, on base piping & instruments piping.
- Installation of inlet filter house.
- GNAC & GLAC installation.
- Exhaust elbow (skidding), duct and transition piece installation.
- Installation of CO2 skids & checkout the pipes.
- Installation of install heavy fuel skid, light fuel skid, vanadium skid, sump tank skid, air processing skid, water injection skid, gas module skid, gas filter skid, light fuel forwarding skid heavy fuel forwarding skid, heater skid for 2 units & Crude Oil Treatment Plant.
- Commissioning for wash water system, lube oil flushing 88QA, 88QH, VIGV System, atomizing air system. Ventilation system 88BT1-2, 88VG1-2, 88VL1-2, 88JS1-2, starting means 88TM, 88CR, cooling water system.
- Fin-Fan cooler inclination and tip clearance setting and 88CW1-2 and filling the piping line with de-mineralized water with glycol and check its PH.
- commissioning of sump tank skid, air Processing unit commissioning APU and self-cleaning & filter house inspection, washing skid, lube oil, ventilation, atomizing , cooling water ,Starting means & VIGV.
- Using river hawk hydraulic tensioner to install coupling studs
- Coordinate and supervise all **operation activities**.
- Monitoring parameters and keeping them under limits, Maintaining the load schedule provided by Regional load dispatch center, maintaining log sheets, most importantly keeping the unit live-avoiding unnecessary tripping, handing out permits to maintenance personnel for carrying out major/minor maintenance activities, coordinating with maintenance personnel to ensure the work is done on time and the permit gets closed

- 3- FAW Depot “**3x SGT-800 Power Plant** project as a Mechanical team lead with **ROSCO Company**. and **BOC**, from 2016-07 to 2017-04
Highlights:

- Plan and execute part of the assembly work of the turbine module and other modules, i.e. Combustion Inlet Air system, Lube Oil system, Fuel Gas & Liquid Fuel and Ignition system, Seal air and Cooling air system, Turbine Exhaust system, Axial Compressor Washing system, Fire Extinguishing system, Turbine and Auxiliary room enclosure ventilation systems and Gas Treatment systems &etc.
- Lead the hands on work for certain work packages as assigned by the Senior Technical Advisor. In practice would this involve giving work tasks to technicians, Siemens or others, that have been assigned to assist the Technical Advisor and follow up that the work tasks are executed in a correct way.
- Perform critical work tasks requiring special competence, e. g. taking measurements and filling out measurement protocols as necessary.
- Assume a mentoring role, i.e. advice junior TFAs on site of how to carry out work tasks as described in the junior TFAs' development plans.
- Report the result of the disassembly/assembly job according to guidelines. Normally this will be limited to filling out daily reports or give input to the mechanical reports written by the Senior Technical Advisor. The actual level of reporting will be specified by the Senior Technical Advisor.
- Follow EHS procedures and comply with safety regulations



- 4- Mechanical & piping team Lead, at **international free company**, **Shamara group** south baghdad 2 project (**8 x 26MW Frame 5**), leading mechanical teams to achieve the work within quality, safety & time. The contract awarded by **MOE**. From 2017-04 till 2018-02.
Highlights:

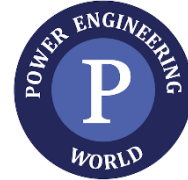
- Responsible about install 2 units GE's frame 5 as mechanical engineer and execution of all activities to install frame 5 starting from embedded pieces to final alignment & commission.
- lead team work; management the mech. Section, make schedule for mech. Activities, liquidating the work, advise to make job easy and quickly, distribution the activities on staff and tracking, daily checking, daily meeting with staff, weekly meeting with the client, good listening for client, extra job analyses & execution.
- Reporting for manager, inventory of materials, check & inspection materials, make lifting plan, heavy equipment installation.
- I led more than 40 personnel to achieve these jobs, including 3 engineers, 2 junior engineers, 15 technicians, 2 tools keepers, 1 driver, 1 documentation, 15 labor, 6 welders and 3 fabricators. We achieved all these activities (starting from embedded pieces to final alignment & commissioning) in short time.
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- Using river hawk hydraulic tensioner to install coupling studs
- Coordinate and supervise all operation activities.
- Monitoring parameters and keeping them under limits, Maintaining the load schedule provided by Regional load dispatch center, maintaining log sheets, most importantly keeping the unit live-avoiding unnecessary tripping, handing out permits to maintenance personnel for carrying out major/minor maintenance activities, coordinating with maintenance personnel to ensure the work is done on time and the permit gets closed



- 5- Mechanical Engineer, at **PEW Power Engineering World** Zubair gas-fired power plant (740 MW) project (**4x GT13E2 gas turbines**), leading construction teams to achieve the work within quality, safety & time. The contract awarded by **ENI/GE**. From 2018-02 till now.

Highlights:

- Responsible for manage and supervise installation Gas Turbines, Steam Turbines ,Generators with their Auxiliary equipment, pumps , fans, blowers , Steam
- Turbine auxiliary, generator auxiliary ,condenser auxiliary in power stations projects .
- ☐ Responsible for analysis manual of Turbines manufacture and
- Clarify site check points and allowance of clearances for working groups and alignment procedures and check list in site achievement.
- ☐ Responsible for final alignment adjustment for Turbines, Generators pumps Before start up.
- ☐ Follow up Mechanical working groups, all new revisions in drawings.
- ☐ Monitor construction productivity and schedule performance and investigate reasons for less than satisfactory performance. Provide recommendations and institute measures for improvement by modification to operating procedures/work instructions
- ☐ Adhere to Company Safety Standards and promote safety culture among the ranks throughout the Company.
- ☐ Manage the construction effort and be the construction representative of our company with Client. To plan, develop and organize the construction effort to formulate the most costeffective plan to timely completion within budget and to implement the execution of that plan.
- ☐ Define clear roles & responsibilities and deliverable requirements in terms of both scope and schedule to all the team members.
- ☐ Review man-hours and duration forecasts to completion for onshore construction and manhours, duration and manning forecasts for offshore hook-up and offshore installation
- durations and resource requirements
- ☐ Has direct contact with consultant in RFI&NCR letters and handling technical data from data sheets and manuals.



شركة عالم الطاقة
POWER ENGINEERING WORLD

Certificates

H2S Level 2
PTW Level 2 (according to **ENI/Iraq** standards)
Confined Space Level 2
Working at Heights
Heavy Lifting course
Certificate of Performance by **ENKATEKNIK Company**
Certificate of Performance by **GE Company**

References

-
- 1- Waleed Hassan, Turbine technical advisor at Baghdad Company, +9647901530459
 - 2- Zeki Ali, Turbine technical advisor at Siemens, +9647902727971



imagination at work

Recommendation.

To Whom It May Concern:

I am pleased to have this opportunity to write this letter of recommendation for **Nashwan Dhyaa Mahdi** who is erection and Commissioning mechanical engineer at Baghdad Company For Gas Turbine Ltd since 1/06/2012 to till.

I have know him at highly level who Commissioning the Units of Al-Haydaria Gas Power Plant 4x125 MW GE Frame 9E in south of Iraq.

He demonstrated a commitment for carrying out his duties contributing to the project. He displayed an immense interest and knowledge to his work. has excellent communication skills. In addition; He extremely organized reliable and computer literate. He can work independently and is able to flow through to ensure that the job gets done. He is flexible and willing to work in any project assigned to him.

If you have any further question with regard to his background or qualifications, please do not hesitate to call us.

Sincerely,

Fadhil Mohammed
Site lead

GE Power & Water
009647704444617

Fadhilmohammed.atia@ge.com

Fadhil Atia
Mech, TA
GE. Power & Water
Date: 21/1/2015



*Presents This Certificate
To*

Nashwan Dhyah Madi

Who has completed a Three Days Course

In

Lifting Supervisor

Certificate No. : **51029**

Date of Issue : **17.04.2018**

Date of Expiry : **16.04.2021**

Authorized Signatory

www.gulftech.ae

GTSC F-13.8 (Rev.10)
27.06.2017

PERSONEL BONSERVIS FORMU
EMPLOYMENT REFERENCE LETTER

Genel Bilgiler / General Information

Proje Adı Project Name	4 X 125MW AL NAJYBIA PLANT PROJECT
Company	BAGHDAT COMPANY
Personel Adı – Soyadı Personnel Full Name	NASHWAN DIA MEHDI
Sicil No ID NUMBER	7976
Mesleği Profession	MECHANICAL ENGINEER
Ünvanı Job Title	MECHANICAL ENGINEER FOR TURBINE
Doğum Tarihi Date of Birth	20.03.89
İşe Başlama Tarihi Starting Date	16.11.2013
İşten Ayrılış Tarihi Leaving Date	20.06.2014

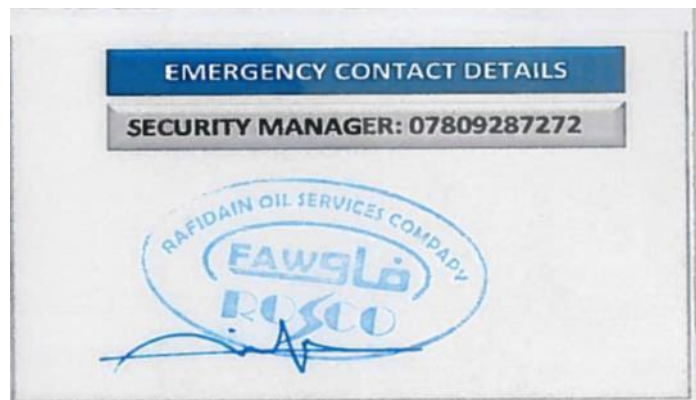
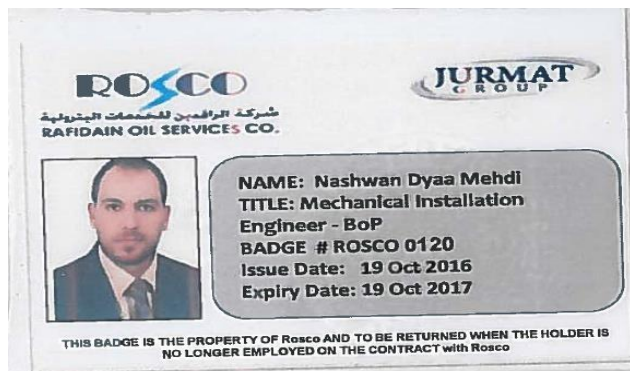
Performans Değerlendirmesi / Performance Evaluation

	Amir / Chief Adı / Name ENGİN DURUKAN	
İş Bilgisi / Knowledge Of Work	İYİ/GOOD	
İş Yapma Becerisi / Work Skill	İYİ/GOOD	
Çalışma Yönetimi / Work Management	İYİ/GOOD	
Analitik Düşünme / Analytic Thinking	İYİ/GOOD	
Yaratıcı Düşünme / Creative Thinking	İYİ/GOOD	

ENKA TEKNİK

Huseyin Uysal

Mechanical Erection Manager



Security Clearance office Oil Ministry
Security Clearance office Southern Branch
Security Clearance For Investment Compaies



الاستخبارات الامنية - وزارة النفط
الاستخبارات الامنية - فرع الجنوبية
امح الامنية للشركات الاستثمارية

الامني : ٧٨

رقم اصدار التصريح : ١٥٧٢٥

تاريخ اصدار التصريح : ٢٠١٨/١٢/٣٠

الاسم	رقم	الاسم	رقم	الاسم	رقم	الاسم	رقم
141	حيدر علي زوري	176	محمد حسين عباس	211	ملون ضياء عبدالكريم	246	لؤي طه نعمة
142	سجاد علي جاري	177	جواد كاظم عبيد	212	محمد عبدالحميد عبدالله	247	احمد حميد عويد
143	احمد جبر كريم	178	حسام عزيز جبار	213	اشرف فاضل فاضل	248	احمد زهير طه
144	خالد محمد نوري	179	حسن هاشم منظر	214	انمار ثامر بدر	249	مهدي صلاح زهير
145	داود عبد مكلوف	180	عراق سلمان حميد	215	مصطفى محمد صالح مهدي	250	عبدالحسين سلمان عبدالواحد
146	احمد حميد حسن	181	حسين عرف حسين	216	منظر عبدالكريم عبدالحسن	251	عبدالعزیز مكي عبدالله
147	احمد خالد علي	182	كرار جبار شنته	217	هاني حميد حسين	252	خيدر عبدالصاحب موسى
148	احمد عواد نجول	183	احمد عجيل كاظم	218	ابراهيم عبد كاظم	253	حيدر كاظم عويد
149	اسعد جبر كريم	184	منظر حارس هاشم	219	احمد جليل كريم	254	محمد مالك قاسم
150	اسعد جبر كريم	185	احمد نجم عويد	220	عبد العالي ناصر عذافه	255	رافد حميد خضير
151	صلاح زهير جلاب	186	علاء عبدالرحمن سالم	221	سجاد عبداللطيف يعقوب	256	رشيد حميد سرحان
152	محبوب ياسين جملة	187	علي ابراهيم ادب	222	قاسم محمد عبد	257	سامر عبدالكريم جميل
153	ياسين لفة عويد	188	مهدي زهير حسين	223	علي هاشم حسن	258	بارق حميد احمد
154	عادل حسن رمضان	189	لؤي كاظم محمد	224	حسين لؤي علال	259	باسم محمد عاكول
155	توفيق كاظم حسن	190	اكرم عبدالحسن ناصر	225	رسول ناصر حسين	260	علي صكر فارس
156	جبار و هيب عويد	191	نور جليل اسماعيل	226	علي رمضان فارس	261	باسم محمد جاسم
157	هاني علي حافر	192	اكرم قاسم علي	227	عبد الكريم قاسم لطيف	262	طارق خضر عزام
158	عادل كاظم عباس	193	ياسر مثنى شدر	228	صفاء علي محمد	263	عبدالله ريجان منور
159	حسين حسن لايح	194	عبدالرزاق محمد مثنى	229	علي قاسم مهدي	264	صلاح حسن خنوش
160	عجل حاتم عبدالحسن	195	حيدر علاء عجيل	230	علي ابراهيم فاضل	265	صلاح زهير حثافه
161	حسين راشد مسقي	196	بهاء بدر لطيف	231	علي جواد عويد	266	جميل ابراهيم جواد
162	عبدالرحمن سلمان عبد	197	توفيق فخر عباس	232	كامل شاكور محمود	267	حاتم عبد محمد
163	عبدالله جواد عبدالرضا	198	حيدر محمد جاسم	233	صافي نجم طاهر	268	سيف محمد ابراهيم
164	علاء محمد صادي	199	عباس بدر هاشم	234	عبد الرحمن داود اسماعيل	269	عباس محمد هادي
165	حسين عبد العزيز عبدالحسن	200	عبدالواحد ناصر عبدالواحد	235	عبد السلام داود اسماعيل	270	اسامه ثامر عبدالرزاق
166	عبدالله صلاح محمد	201	عبدان عبدالرحمن مسلم	236	مصطفى عبدالرحمن ابراهيم	271	رائد كاظم جاسم
167	عبدان عوده كاظم	202	رائد ماع خضير	237	مؤيد حبيب عويد	272	بدر فلاح حاد
168	علاء لفة حسين	203	الهاشم عبدالناصر سلمان	238	مؤيد عبدالرضا عويد	273	مصطفى وديان مسير
169	حسين محمد كاظم	204	حيدر كريم جبار	239	مؤيد سامي محمد	274	صلاح عويد مصبح
170	علي اسد عبدالقادر	205	سيف سلك قاسم	240	ميداد حمدي وائل	275	وليد خالد عبيد
171	حيدر حسن لايح	206	عبد عبدالرزاق حسن	241	ملون ضياء مهدي	276	محمد رمضان فارس
172	علي حسن ناصر	207	فلاح حسن لعل	242	هيثم عدنان تايه	277	ياسين عادل ناصر
173	محمد علي شاكور ناصر	208	خالد خالد علي	243	حسن زهير جلاب	278	وعد عبدالكريم جميل
174	علي سباح صالح	209	مرتضى فارس جمعه	244	علي حسين نلاكه	279	منهل زهير جلاب
175	حيدر علي جبار	210	مصطفى عبدالجبار كردي	245	علي كامل يوسف	280	

الزبير
رجسية

المسؤول

٢٠١٨/١٢/٣٠

M50 /A25 /D.B) 30/12



الى / مديرية شرطة نفط الجنوب
م / تصريح امني

Company Name :
Security Clearance No. : 78
Issuance of No. Clearance : 15725
Start Date of Clearance : 30/12/2018
Expire Date of Clearance : 27/06/2019
Days No. of Clearance : 180 days

اولاً :
اسم الشركة : عالم الطاقة
رقم التصريح الامني : ٧٨
رقم اصدار التصريح : ١٥٧٢٥
تاريخ اصدار التصريح : ٢٠١٨/١٢/٣٠
تاريخ انتهاء التصريح : ٢٠١٩/٠٦/٢٧
مدة نفاذ التصريح : ١٨٠ يوم

ثانياً :

يسمح بالدخول لكادر الشركة اعلاه والمدرجة اسمائهم وتفاصيل عجلاتهم في القوائم المرفقة تالياً والمؤشر ازاء كل منهم المواقع المراد دخولها حصراً وحسب الفترة المبينة تفصيلها اعلاه على ان يخضع الجميع للتفتيش الدقيق ... مع التفجير .

تنبيه : العدد الكلي للأشخاص العراقيين في الجدول الخاص بهم (ثمانية وثلاثة) فقط يبدأ بالاسم (ابراهيم حسن حميد مهدي) وينتهي بالاسم (محسن حاجي كرم) .
تنبيه : العدد الكلي للأشخاص غير العراقيين المسموح لهم بالدخول لغاية تاريخ انتهاء سمات الدخول الخاص بهم (احدى عشر) فقط يبدأ بالاسم (AJEET SINGH) وينتهي بالاسم (عبد الكريم عبد القادر حسين حسن) .
تنبيه : العدد الكلي للعجلات في الجدول الخاص بها (واحد وثلاثون) فقط يبدأ بـ (تويوتا بيك اب) المرقمة ١٦٦٧٤ ر / بغداد حمل وينتهي بـ (جيب شيروكي ستیشن) المرقمة ١٢٢٢٨٠ / بغداد خصوصي .
تنبيه : العدد الكلي للعجلات المسموح لها بالدخول لغاية تاريخ نفاذ السنوية في الجدول الخاص بها (اربعة) فقط يبدأ بـ (نيسان نيفارا بيك اب) المرقمة ٩٤٨٧٧ / بغداد حمل وينتهي بـ (كيا بيك اب) المرقمة ١٢٢١٩٣ / واسط حمل .
تنبيه : كل العجلات نوع تكرر ان وجدت تستخدم لنقل الماء فقط .
تنبيه : يسمح للعجلات بالدخول لغاية تاريخ نفاذ السنوية .

المرفقات :
قائمة عدد (سبعة) .

مسؤول
مكتب التصاريح الامنية
المنطقة الجنوبية
٢٠١٨/١٢/٣٠



نسخة منه الى :

قسم حماية المنشآت النفطية... اشارة الى كتابكم المرقم (٩٠٣٢٨) في (٢٠١٨/١٢/١٢)... للتفضل بالمتابعة والتدقيق و اعلام شعب الحماية المرتبطة بكم ..مع التقدير .
قسم استخبارات شرطة نفط البصرة... للتفضل بالاطلاع...مع التقدير .
الاصبارة المركزية .

بميه :

وض الحصول على التصريح الامني او تجديده يجب تقديم الطلبات قبل (١٥ يوم) من انتهاء التصريح الامني الحالي مرفق معه نسخة من التصريح السابق وقرص مدمج (CD) يحتوي على قة المعلومات المطلوبة .

صفحة ١ من ٨

(COM50 /A25 /D.B) 30/12