



JOIN US RIGHT NOW



ISO17020



Quality You Seek

We Have Our own Equipments





Certificate

This Certificate is issued to

AL ROOKAL Company for Engineering Inspection Ltd.
 Al Karada
 Baghdad
 IRAQ

who have implemented a Quality Management System, which meets the requirements laid down in ISO 9001:2015, with the following scope:

Routine Inspections and Engineering Consultancy in Oil Refineries, Gas Processing Plants, Power Generation Plants & Petrochemical Plants

Certificate No. : Q96414352
 Original Issue : 14 March 2016
 Latest Issue : 14 March 2022
 Valid Till : 13 March 2025

The continuing validity of this certificate is subject to timely conduct of surveillance audits

Surveillance 1 due before : 07 March 2023
 Surveillance 2 due on : 07 March 2024

for Vexil Business Process Services Private Limited



WWW.JAS-ANZ.ORG/REGISTER

ISO 9001:2015

To check the validity of the certificate, please email to info@vexilbps.com
 The validity of the certificate can also be verified at <http://www.vexilbps.com>
 Coloured reproduction of this certificate is not permitted.
 Upon request, the Certificate shall be returned to Vexil Business Process Services Private Limited.



**Corporate
Partner**

**The American Society for Nondestructive
Testing, Inc.**

recognizes

**AI Rookal for Engineering
Inspection Ltd**

as a Corporate Partner of this Society.

Dedicated to the development and perpetuation of the highest standards of professional service and efficiency in the field of nondestructive testing, ASNT® exists to create a safer world.

Chairperson of the Board

February 1, 2017

Date

ANNUAL MEMBERSHIP CERTIFICATE 2019



Head Office:
Rue du Commerce 20-22
1000 Brussels
T: +32 (0)2 880 21 37
www.ifia-federation.org
VAT No. BE06 5777 3331

We hereby certify that

Al-Rookal Co. For Engineering Inspection Ltd.

**Alhadad Building – 3rd Floor Apartment D4
Karadah Kharej
Baghdad
Iraq**

is a member in good standing of
the International Federation of Inspection Agencies.

Brussels, April 2019

A handwritten signature in black ink, appearing to read 'Ranaraj', is written over a light blue rectangular background.

The Director General



برقية

الشركات النفطية كافة / عدا شركات (الإستكشافات النفطية ، تسويق النفط ، ناقلات النفط العراقية)
هيئات التشغيل وأقسام التطوير التابعة لشركات نفط (البصرة ، ميسان ، ذي قار ، الوسط ، الشمال)
معاهد التدريب النفطي

م / شركات الطرف الثالث الفاحص المعتمدة لدى القطاع النفطي

لاحقاً ببرقيتنا ٢٣١٤ في ٢٠٢٣/٣/١٣ بخصوص الموضوع أعلاه.
وعطفاً على محضر الإجتماع الثامن لفريق العمل المشكل بموجب الأمرين الوزاريين ٤٠٤٢٣ و ٢٠٨٩ في ٢٠٢١/١٢/١
و ٢٠٢٣/١/١٥ على التوالي (الذي يتولى مسؤولية تحديث قائمة الشركات الفاحصة الثالثة المعتمدة في الوقت الحالي ودراسة طلبات الشركات
التي تروم اعتمادها شركات فاحصة ثالثة لدى الوزارة وفقاً للمتطلبات التي أعدت من قبل الدائرة الفنية لهذا الغرض).
نرافق لكم طياً جدولاً بأخر تحديث للشركات الفاحصة الثالثة المعتمدة في القطاع النفطي وفقاً لنوع الفعالية التي يمكنكم اعتمادها مستقبلاً
في حال تعاقدكم معها وذلك بالإستناد الى الوثائق والأوليات التي زودتنا بها تلكم الشركات.

No.	Company	Factory Acceptance Test World Wide (FAT) الفحص المصنعي خارج العراق	Factory (FAT) & Site (SAT) Acceptance Test Inside Iraq only (SAT) الفحص المصنعي والموقعي داخل العراق فقط
1	SGS	✓	✓
2	TUV Rheinland	✓	✓
3	Intertek Global	✓	✓
4	Rina	✓	✓
5	Bureau Veritas	✓	✓
6	ATG	✓	✓
7	Al-Rookal company for engineering inspection Ltd.	✓	✓

علماً أن الأمر يتطلب قيام تلكم الشركات بتزويدكم بكافة الوثائق التي تقع على عاتقكم التي تم التطرق إليها ببرقيتنا ٨٥٧٢ في
٢٠٢٢/١١/١٦.

يرجى التفضل بالإطلاع ٠٠٠ مع التقدير.

حسنين عبداللطيف غورج
المدير العام / وكالة
٢٠٢٣ / ٥ /
د. ساهر محمد عبيد الله
معاون المدير العام



نسخة منه الى /

- دوائر مركز الوزارة (الدراسات والتخطيط والمتابعة ، الإقتصادية ، القانونية) / يرجى التفضل بالإطلاع ٠٠٠ مع التقدير.
- شركة الرخل لأعمال الفحص الهندسي المحدودة (alrookl@yahoo.com) / إشارة الى كتابكم (RKL-24) في ٢٠٢٣/٣/١٥ /
يرجى التفضل بالإطلاع ٠٠٠ مع التقدير.
- قسم الفحص الهندسي / للحفاظ مع الأوليات لطفاً.
محمد رشيد

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. IB 002



Iraqi Accreditation System Certify that:

Al-Rookal Company for Engineering Inspection Ltd
Iraq- Baghdad – Karadah kharj

Is accredited according to the requirements of the standard ISO/IEC 17020:2012
(Conformity assessment Requirements for the operation of various types of bodies performing inspection)
TYPE - A -

In the field of:

- Pressure Equipment Sector
- Nondestructive Testing Sector

This accreditation is subject to with the above standard & IQAS requirements
The scope of accreditation is attached to the certificate & considered as part of it

The most recent issue of the accreditation scope is available on IQAS website
<https://iqas.mop.gov.iq>

Accreditation is valid From 31/1/2024 To 30/1/2026

Initial accreditation
25/4/2019

Dr. Mohammed Lateef Ahmed
General Manager of IQAS

Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

POWER OF ATTORNEY



TUV NORD Czech, s.r.o. - Pod Hájem 402/1 - 100 00 Praha 3

TUV NORD Czech, s.r.o.
Pod Hájem 402/1
100 00 Praha 3
Phone: +420 296 887 201-6
Fax: +420 296 887 240
E-mail: info@tuv.cz
www.tuv.cz

POWER OF ATTORNEY

AUTHORISATION LETTER

Subject: Utilization of flare gas - MRC

The undersigned KPS Metal, a.s., Czech Republic hereby inform that AL-ROOKAL Co. For Engineering Inspection Ltd. (REI), Baghdad Karadah Kharej – Alhadad Building – 3rd Floor- Apartment D4, Iraq, is our sole authorized agent for negotiation regarding to Utilization of flare gas.

Further, we authorize AL-ROOKAL Co. For Engineering Inspection Ltd. (REI) to submit, follow up and obtain the necessary data which we need for calculation and prepare of technical proposal.

We herewith certify the above to be true and correct.

Our mark / Vaše značka	Contact person	Contact	Date
/20.10.2015	Dah & Jihad Obeidi jahjoudi@reia-ko-iraq.com	Phone: +420 296 887 201-9 Fax: +420 296 887 240	20.10.2015

We grant hereby Power of Attorney to ALROOKAL CO. for Engineering Inspection Ltd., located in Iraq Baghdad –Karadah-Kharej, Al-Hadad building 3rd floor.

Based on the consortium signed on 10th of January, 2014, for dealing following activity Related to the third party inspection (shop & site)

ALROOKAL Co. is neither authorized to sign any contract on behalf of ATG without a special consent issued by ATG s.r.o. nor to bind ATG s.r.o. at any legal responsibility.

Prague, April 3, 2015

Moravské Budejovice on 4/10/2015



Eng. Lubomir Oplatek
General Director
and Deputy Chairman of the Board



Urbánkova 231
676 02 Moravské Budejovice



Karel Dolezal
Executive Board Member

KPS Metal a.s.
Urbánkova 231
676 02 Moravské Budejovice
The Czech Republic
Phone: +420 568 402 269
Handy: +420 602 531 337
E-mail: oplatek@kpsmetal.cz
www.kpsmetal.cz

KPS Metal a.s. Phone: 00420 568 402 111 www.kpsmetal.cz
Urbánkova 231 Fax: 00420 568 421 425 Bank connection: ČSOB Třebíč
ČZ 676 02 Moravské Budejovice e-mail: info@kpsmetal.cz Account No.: 1770049030300 IČ No.: 25 62 12 62
Registration in Business Register of District court in Brno, section 8, insert 3981 VAT No.: CZ25621262

Best regards

Daniel Jirachovsky
Director of Industrial Services
TUV NORD Czech, s.r.o.

Registered Office: TUV NORD Czech, s.r.o. Pod Hájem 402/1 100 00 Praha 3 - Žitná Phone: +420 296 887 201-9 Fax: +420 296 887 240 www.tuv.cz	Commercial Register administered by the Municipal Court in Prague, section C, item 1420 EUI No.: 4524283 VAT No.: CZ4524283	Managing Director: Ing. Jan Vrátný	ČKA Bank account: 0210000000 ČKA - Moravské Budejovice, Účt. ř. Praha 3 ČKÚ, a.s., CZ67 0200 0000 0000 0001 7001 9 ČKÚ a.s. CZ670000
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الشركة المصرى للتكنولوجيا المتقدمة للتدريب والتفتيش الصناعي ATG s.r.o. موكولة من قِبل الشركة العراقية لشركة ALROOKAL CO. FOR ENGINEERING INSPECTION LTD. في العراق - بغداد - كراداخ - خراج - المبنى 3rd طابق - شارع الحداد



POWER OF ATTORNEY

We grant hereby Power of Attorney to AL-ROOKAL Co. for Engineering Inspection Ltd. (R.E.L.), located in Iraq – Baghdad – Karadah - Kharej, Al-Hadad building 3rd floor

BASED ON MCA SIGNED 24 AUGUST 2010 TO REPRESENT FOR DEALING FOLLOWING TRAINING AND CERTIFICATION PROGRAMS:
INTERNATIONAL WELDING INSPECTION PERSONNEL IN LEVEL IWI-C –
COMPREHENSIVE
WELDING INSTRUCTORS/TRAINERS
SHOP INSPECTORS
PLANT INSPECTORS INCLUDING CRANE INSPECTION ACCORDING TO ASME
B30, API 510, API 570 & API 653

ALROOKAL Co. is neither authorized to sign any contract on behalf of ATG without a special consent issued by ATG s.r.o. nor to bind ATG s.r.o. at any legal responsibility.

Prague, October 8, 2010



for ATG s.r.o.
Zbyněk Zavřil
Statutory

ADVANCED TECHNOLOGY GROUP
ATG s.r.o.
Měšská 2416, 160 00 PRAHA 6

CERTIFICATES OF QUALITY



Mr Maher Al-Ameri, PCQI
Al-Rookal Co. For Engineering Inspection
Karadah, Karadah Kharej
Al-Hadad Building, Apartment 4
Baghdad
Iraq

07 June 2013

Congratulations to our new Practitioner.

Dear Mr Al-Ameri,

I have the great pleasure to confirm that your recent application has been successful and you have been awarded the grade of **Practitioner**. Your membership number is 6005017 and you can now use the honours **PCQI**.

You are now entitled to the full range of Membership benefits. These include complimentary copies of *Quality World* magazine, discounted training courses and access to the members section of our website at <http://www.theccqi.org/Log-in/> (where you can amend and update your contact details).

As your career progresses, the website is also the place to find information on how you can upgrade to a higher membership grade.

Welcome to the institute. If we can be of any further assistance please contact us on 020 7245 6866 or via e-mail at membership@theccqi.org.

Yours sincerely,

Mark Jaeger
CQI Membership Manager

جمهورية العراق



العدد :
التاريخ :
ش :
٢٠١٣ / ١ / ٧

وزارة التخطيط
الجهاز المركزي للتقييس والسيطرة النوعية

الدائرة :- السيطرة النوعية
القسم :- ادارة الجودة

المدير / شركة الرخل لاعمال الفحص الهندسي المحدودة

م / ترخيص

بهدي الجهاز اطيب تحياته ...

حصلت الموافقة بمنح ترخيص لشركتكم لممارسة أعمال التأهيل لتطبيق نظام ادارة الجودة استناداً الى المادة (٥) من التعليمات رقم (٤) لسنة ٢٠٠٢ لتوفير الشروط المطلوبة علماً ان الاجازة نافذ لمدة ثلاث سنوات اعتباراً من تاريخ ٢٠١٤/١/٢٠ ولغاية ٢٠١٧/١/١٩ وفق المادة (٦) من التعليمات اعلاه على ان يقوم بأعمال التأهيل للذوات المذكورة اسمائهم اذناه فقط .

١- ماهر عبد السادة
٢- محمد جواد محمد

مع التقدير ...

مجازة
تسرين حناي سواي
مدير عام دائرة السيطرة النوعية
هيام نعمت محمود
مدير عام دائرة الخدمات الفنية والادارية
٢٠١٤ / ١ /



نسخة منه الي /
- قسم ادارة الجودة / مع الايلايات لبقا

وصال / ٢٦

www.cosqc.gov.iq
cosqc@cosqc.gov.iq

العراق - بغداد - الجادرية - ص ب (١٣٠٢٣) - البريد الالكتروني :
هاتفنا ٨٤ / ٨٢ / ٨١ / ٧٧٤٥١٨٠ تليفاكس ٧٧٦١٩٨١



Chartered Quality Institute
Founded in 1919 and incorporated by Royal Charter in 2006

This is to certify that on the
07 June 2013

Maher Al-Ameri

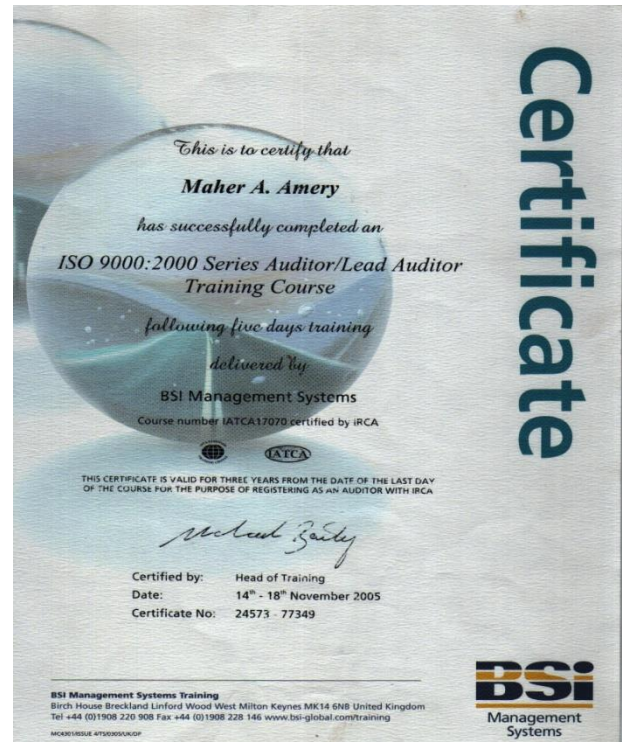
Met the requirements for membership
and is eligible to join the Institute at the grade of

Practitioner

with the right to use the honours **PCQI**



Simon Feary, CEO



CERTIFICATES OF OUR INSPECTOR

ATG CERTIFICATE

Number: ATG/114.3/SNT

Hereby we certify that

MAHER AL-AMERI
TEL. NO. 00963 9321196

Date of birth: 05.12.1966

has satisfied the requirements of ATG Ltd. Written Practice G10-04 for Inspectors, practical experience, training, examination and physical ability.

As a result he/she is herewith certified for NDT according to SNT-TC-1A for

Method	Level	Expiry date	ID
UT - Ultrasonic Testing	3	25.08.2025	082144
RT - Radiographic Testing	3	25.08.2025	082154
PT - Liquid Penetrant Testing	3	25.08.2025	082161

Discipline ID: ATG-C-2723
 Issue date: 21.09.2020

Yasir JAWAD
President ATG Ltd.

Zbynek ZAVADIL
President ATG Ltd.

Official seal

ATG CERTIFICATE

Number: ATG/196.6/SNT

Hereby we certify that

ABBAS MAHDI JASIM
TEL. NO. 00963 9321196

Date of birth: 01.01.1973

has satisfied the requirements of ATG Ltd. Written Practice G10-04 for Inspectors, practical experience, training, examination and physical ability.

As a result he/she is herewith certified for NDT according to SNT-TC-1A for

Method	Level	Expiry date	ID
UT - Ultrasonic Testing	3	25.08.2025	082194
PT - Liquid Penetrant Testing	3	25.08.2025	082201
RT - Radiographic Testing	3	25.08.2025	082211

Discipline ID: ATG-C-2426
 Issue date: 21.09.2020

Yasir JAWAD
President ATG Ltd.

Zbynek ZAVADIL
President ATG Ltd.

Official seal

ATG CERTIFICATE

Number: ATG/196.6/SNT

Hereby we certify that

Ghassan Abdulameer Habeeb Al-Abady
TEL. NO. 00963 9321196

Date of birth: 12.11.2020 - 11.10.2021

has satisfied the requirements of ATG Ltd. Written Practice G10-04 for Inspectors, practical experience, training, examination and physical ability.

As a result he/she is herewith certified for NDT according to SNT-TC-1A for

Method	Level	Expiry date	ID
RT - Radiographic Testing	3	25.08.2025	082201

Discipline ID: ATG-C-2426
 Issue date: 21.09.2020

Yasir JAWAD
President ATG Ltd.

Zbynek ZAVADIL
President ATG Ltd.

Official seal

QUALIFICATION CERTIFICATE

This document certifies that:

Maher Abdul Sadda Al-Amri

is qualified in accordance with the provisions of procedure GM TD 12. Available for all countries.

To conduct assignments entrusted to it:

BUREAU VERITAS INSPECTOR

I&F Site Inspection Confirmed Level 2 in Offshore Structures, Steel Structures, Pipelines (STO)

For the path "Work experience acquired" with the following criteria:

- Basic academic training: Three years undergraduate studies in tech. branch (qualifications). Work experience acting in STO field. Conversant with BV system of procedures.
- On-the-job monitoring: Internal supervision mentor report.

This certificate remains valid until 09/03/2017
 Issued by Martin Dlouhy on 09/03/2012

Qualification Certificate

LETTER OF REFERENCE

To Whom It May Concern,

This is to confirm that Mr. Maher A. Ameri (NDE level III) was mandated by the Advanced Technology Group (ATG) as an NDT instructor that includes (RT, PT & MT) Level I Qualification and Certification courses for the period of 8th to 29th of July 2013. We found Mr. Ameri to be very knowledgeable and professional. He is conscientious and his interaction with the training disciplines during the courses effectively improved the courses objectives.

(ATG) was very pleased with Mr. Ameri performance and would not hesitate mandating him for such courses in the future.

29.7.2015

Zbynek Zavadi
 General Manager

Advanced Technology Group
ATG
Helping you see the future

Prevention is a household address/Office and shipping address:
 ATG, s.r.o.
 Brevnovy 65
 159 01 Brno - Letňany
 Czech Republic

Tel: +420 224 312 205-4
 Fax: +420 224 312 205
 E-mail: atg@atg.cz
 http://www.atg.cz

Certificate of Proficiency

BS EN ISO 17637:2011 Non-destructive testing of welds, visual testing of fusion-welded joints.

CSWIP CERT NO 105877

This is to certify that:

Ali Mohammed Hussain Radhi Al Saffar

Date of birth 28 February 1987

has demonstrated proficiency in fusion welding inspection as a Welding Inspector in accordance with CSWIP requirements published in Document CSWIP-WI-6-02, 13th Edition July 2015 and amendments in force on the examination date.

Date of issue: 25 March 2016
 Date of expiry: 30 July 2020

Signed: *[Signature]*
 Date: 03.07.2016

NEW EMPLOYERS SHOULD ALWAYS ASK TO SEE THE CERTIFICATE HOLDER'S TWR CERTIFICATION LTD IDENTITY CARD, AND VERIFY CERTIFICATE VALIDITY AT WWW.CSWIP.COM

PLEASE READ THE NOTES OVERLEAF

Ph photocopies are authorised by TWR Certification Ltd

Issued by: TWR Certification Ltd, Granta Park, Great Abington, Cambridge CB21 6AL, UK

The use of the UKAS Accreditation Mark indicates accreditation in respect of these activities issued by Accreditation Certificate No. 030. This certificate is the property of TWR Certification Ltd and must be surrendered on request.

AWS American Welding Society®

Certifies that Welding Inspector
Hussain Mohan Alasady
 has complied with the requirements of AWS QC1,
 Standard for AWS Certification of Welding Inspectors

17051891
 CERTIFICATE NUMBER

May 1 2020
 EXPIRATION DATE

[Signature]
 AWS PRESIDENT

[Signature]
 AWS QUALIFICATION COMMITTEE CHAIR

[Signature]
 AWS CERTIFICATION COMMITTEE CHAIR

**UNITED STATES ARMY CORPS OF ENGINEERS
 GULF REGION Division**

Certificate of Appreciation
 is presented to
Maher A. Ameri
Welding Inspector and NDT/NDE Level II
 For Al-Rook-L Co.
QUDAS POWER PLANT EXPANSION PROJECT
 on January 21, 2009

The United States Army Corp of Engineers, Gulf Region Division presents this certificate in recognition of your excellent effort and cooperations with the Qudass Power Plant Expansion Project. Your professionalism and knowledge as welding inspector and NDT/NDE level II was vital to project success.

Thank you for a job well done!

[Signature]
CDR John Szatkowski
 Project Manager
 USACE-GRD-Qudas Expansion Project

CERTIFICATES OF API



CERTIFICATE

Number: ATG-C-41450

Hereby we certify that

Ghassan Abdulameer Habeeb AL-ABADY

Title, name, surname

02.08.1982
Date of birth

has satisfied the qualification requirements of ATG sProcedure G19-34 (Inspection and Plant Inspection Qualification and Certification System).

As a result he is herewith certified for

METHOD	LEVEL	EXPIRY DATE	ID
API 510, 572, 573 – Plant Inspector For Boilers And Pressure Vessels	2	03.12.2022	058771
API 653 – Plant Inspector For Aboveground Storage Tanks	2	03.12.2022	058781

Issue Date: 10.01.2018

Certificate Holder Signature



Head of Certification Body

Certification Body ATG CERT comply with EN ISO/IEC 17024.

Page 2/2

Valid: 01.07.2021

Page 1/1

Email: atgcert@atg.cz / www.atgcert.cz

ATG s.r.o. / Toulonská 771 / 180 00 Praha 9 - Lichkov / Czech Republic



CERTIFICATE

Number: ATG-C-41460

Hereby we certify that

Mazin Abdullah Abbas AL-MIMAR

Title, Name, Surname

31.07.1978
Date of birth

has satisfied the qualification requirements of ATG sProcedure G19-34 (Inspection and Plant Inspection Qualification and Certification System).

As a result he is herewith certified for

METHOD	LEVEL	EXPIRY DATE	ID
API 510, 572, 573 – Plant Inspector For Boilers And Pressure Vessels	2	03.12.2022	058791
API 653 – Plant Inspector For Aboveground Storage Tanks	2	03.12.2022	058801

Issue Date: 10.01.2018

Certificate Holder Signature



Head of Certification Body

Certification Body ATG CERT comply with EN ISO/IEC 17024.

Page 2/2

Valid: 01.01.2021

Page 1/1

Email: atgcert@atg.cz / www.atgcert.cz

ATG s.r.o. / Toulonská 771 / 180 00 Praha 9 - Lichkov / Czech Republic



AMERICAN PETROLEUM INSTITUTE
Individual Certification Programs: ICP™

API Individual Certification Programs

verifies that

hussain mohan sukar

has met the requirements for API certification

API-653 Aboveground Storage Tank Inspector

Certification Number *80113*

Original Certification Date *March 31, 2018*

Current Certification Date *March 31, 2018*

Expiration Date *March 31, 2021*

Manager, Individual Certification Programs



005-021 | ICP



CERTIFICATE

Number: ATG-C-41470

Hereby we certify that

Mohammed Sagban Ali AL-RUBAYE

Title, Name, Surname

21.09.1996
Date of birth

has satisfied the qualification requirements of ATG sProcedure G19-34 (Inspection and Plant Inspection Qualification and Certification System).

As a result he is herewith certified for

METHOD	LEVEL	EXPIRY DATE	ID
API 510, 572, 573 – Plant Inspector For Boilers And Pressure Vessels	2	03.12.2022	058811
API 653 – Plant Inspector For Aboveground Storage Tanks	2	03.12.2022	058821

Issue Date: 10.01.2018

Certificate Holder Signature



Head of Certification Body

Certification Body ATG CERT comply with EN ISO/IEC 17024.

Page 2/2

Valid: 01.01.2021

Page 1/1

Email: atgcert@atg.cz / www.atgcert.cz

ATG s.r.o. / Toulonská 771 / 180 00 Praha 9 - Lichkov / Czech Republic



CERTIFICATES OF CALIBRATION


HOUDEK SPOL. S R.O.
The Authorized Metrological Centre for Calibration and Checking of Stationary Tanks

Issues
THE CERTIFICATE
On Professional Eligibility for Function of (Technical) Calibration Specialist
for The Tank Calibration Measuring

The Holder:
Mr. AHMED DHEYAA NAFIL AL KHASHAB

The Graduation of Course:
The Theoretical Training of Tank Calibration Measuring
(Calibration of Spherical, Vertical Cylindrical with Fixed/Floating roof and Horizontal Tanks
Internal and External Electro-Optical Ranging Method
By Means of Leica Equipment and Houdek spol. s r.o. Technology)

The Date of Course: 12. – 21. February 2013
The Date of Issue: 21. February 2013


Eng. Milan Houdek
Director of Tank Calibration

Houdek spol. s r.o., Jestedska 85, 460 08 Liberec, Czech Republic
Tel./Fax. +420-482770884, Tel.+420-482771352, e-mail:houdek@houdeksro.cz, http:www.houdeksro.cz


HOUDEK SPOL. S R.O.
The Authorized Metrological Centre for Calibration and Checking of Stationary Tanks

Issues
THE CERTIFICATE
On Professional Eligibility for Function of (Technical) Calibration Specialist
for The Tank Calibration Measuring

The Holder:
Mr. ALI MOHAMMED HUSSEIN RADHI AL SAFFAR

The Graduation of Course:
The Theoretical Training of Tank Calibration Measuring
(Calibration of Spherical, Vertical Cylindrical with Fixed/Floating roof and Horizontal Tanks
Internal and External Electro-Optical Ranging Method
By Means of Leica Equipment and Houdek spol. s r.o. Technology)

The Date of Course: 12. – 21. February 2013
The Date of Issue: 21. February 2013


Eng. Milan Houdek
Director of Tank Calibration

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HOUDEK SPOL. S R.O.
The Authorized Metrological Centre for Calibration and Checking of Stationary Tanks

Issues
THE CERTIFICATE
On Professional Eligibility for Function of (Technical) Calibration Specialist
for The Tank Calibration Measuring

The Holder:
Mr. YOUNUS MOHAMMED JASIM AJAM

The Graduation of Course:
The Theoretical Training of Tank Calibration Measuring
(Calibration of Vertical Cylindrical Tanks with Fixed and Floating roof
Internal and External Electro-Optical Ranging Method
By Means of Leica Equipment and Houdek spol. s r.o. Technology)

The Date of Course: 9. – 18. December 2012
The Date of Issue: 18. December 2012


Eng. Milan Houdek
Director of Tank Calibration

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CERTIFICATES OF APPRECIATION



FluorAMEC, LLC
100 Fluor Daniel Drive
Greenville, SC 29607-2270
USA
TEL: 854-281-4400



Date: 27 April 2005

SUBJECT LINE: PERFORMANCE OF NON DESTRUCTIVE TESTING SERVICES


To Whom It May Concern,

This is to confirm that Mr. Amery was contracted by our firm to perform subject testing that includes: Visual, Liquid Dye Penetrant, Ultrasonic, and Radiographic examinations of welding for both piping and structural applications, beginning 15 March 2005. We found Mr. Amery to be very knowledgeable and professional. He is conscientious and his in-site and interactions with the construction disciplines during the fabrication process greatly improved the finished product.

FluorAMEC was very pleased with Mr. Amery's performance and would not hesitate utilize his services in future projects.

Sincerely,

 Eric S. Schank
 Quality Assurance Manager



DEPARTMENT OF THE ARMY
PORTLAND DISTRICT CORPS OF ENGINEERS
P.O. BOX 2346
PORTLAND, OREGON 97208-2346

REPLY TO: AMERSON.COM

Wednesday, April 27, 2005

Mr William D McKay
USACE, US Mootings
8010 NW St. Helens Rd.
Portland, OR 97210

To Whom It May Concern,

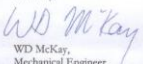
I want to take this opportunity to write Mr. Maher Abdalsada a letter of reference.


I worked very closely with him from Mar 3, 2004 until Aug 3, 2004 at the Baiji Thermal power plant in Baiji, Iraq. I was the sole USAID representative on site during that time.

My job was to witness and inspect repairs and upgrades to the 5 units at Baiji Thermal plant being conducted at the time by Bechtel Corp.



I found Mr. Maher Abdalsada to be extremely thorough and competent at NDT inspections on all high pressure boilers and associated piping. He has an outstanding work ethic, is very personable, and is entirely able to put the requirements of the job ahead of job "politics". On many occasions I witnessed him perform NDT surveys in short order and with a very high degree of professionalism.

He would be an outstanding asset to any organization.

Sincerely,

 WD McKay,
 Mechanical Engineer
 Port Engineer Dredge ESSAYONS







Certificate of Appreciation
is presented to
Maher A. Amery


In recognition of your outstanding performance as ASNT level 2 Chief Inspector in restoring Iraq's oil and gas Infrastructure. Your contributions, dedication, and support were critical to the continued success of KBR in Iraq.

Thank you for a job well done!









January / February 2007



Mark Brandt
General Superintendent






STEAM & POWER GENERATION
A DIVISION OF SOFINTER S.p.A.

CERTIFICATE OF TRAINING
 MACCHI Company, as boiler manufacturer, hereby certifies that

Al-Améri Maher
 successfully performed
 "Performance Test Training" at Macchi head offices

Yours Sincerely


Project: NORTH GAS COMPANY - KIRKUK - IRAQ
 Equipment: MACCHI STEAM BOILERS - TITAN M - type
 Date: May 2008

- I. (REI) FOUNDERS PHILOSOPHY.**
- II. PROCESS APPROACH FOR JOB EXECUTION.**
- III. (REI) MEMBERSHIPS AND QUALIFICATIONS.**
- IV. SERVICES.**
- V. WORLDWIDE ALLIES AND PARTNERS.**
- VI. SUSTAINABLE PROGRAM FOR COMPETENCY AND SKILL.**
- VII. QUALITY MANAGEMENT SYSTEM (QMS).**
- VIII. ISO STANDARDS QUALIFYING BODY.**
- IX. ONGOING QC/QA PROGRAM.**
- X. ORGANIZATIONAL STRUCTURE.**
- XI. PROJECTS UNDERTAKEN .**
- XII. LIST OF EQUIPMENTS.**
- XIII. COMPANY REGINAL OFFICES.**
- XIV. STAFF QUALIFICATION AND CERTIFICATION.**
- XV. FUTURE FORESEEN PLANS.**
- XVI. FIGURE PERSONS & CONTACT.**

I. (REI) FOUNDERS PHILOSOPHY.

As an Ex-Oil and Gas experts and seniors (AL-ROOKAL CO. for Engineering Inspection Ltd.) herein referred to as **(R.E.I) Founders own philosophy is "Performance and Efficiency is the Key for the Client Satisfaction"**. Therefore (REI) Founders realized from the early beginning that Tracking of the International well reputed Inspection agencies route is the gateway for establishing and running an Iraqi body provides **Inspection, NDE/NDT, QC/QA, Training, Qualification and Certification and other Quality related services required for construction and/or rehabilitation of Oil refineries, Gas processing units, Thermal and Gas Power stations and other industrial plants and installations.** Founders' have implemented their own philosophy by six steps:-

- 1. Assigning of Engineering Colleges and Technical Institutes new graduates.**
- 2. Involving them in a very Intensive Training Program (ITP) inside the company.**
- 3. On Job Training (OJT) with the company certified and experienced senior inspectors.**
- 4. Qualifying and Certifying them for holding Level II in the NDE/NDT.**
- 5. Forming of Level II inspectors' basin.**
- 6. Involving them in a Continual Improvement of Professionalism Program (CIPP) by the company Level III experts.**

Applying of this "**Slow but Definite**" process obviously leads to demonstrates a High Quality Level of Performance and Efficiency in the services provision and realization via professional staff, therefore **(R.E.I)** succeeded to be Qualified and Engaged with International Oil and Gas Giant Companies (IOC's) entered Iraq after 2009 such as **BP, Shell, ENI, CNPC, Exxon Mobil and Fluor.**

In addition (REI) became a Resource of Training, Qualification and Certification of many Iraqi ministries engineers and technicians such as MOO, MOE & MOI companies in the NDE/NDT and inspection of pressure vessels and boilers.

And again due to applying of the same process in Establishing, Implementing and maintaining of a Quality Management System, **(R.E.I) succeeded to hold ISO 9001-2008 Certification and Registration by BM TRADA Middle East** which is accredited by the well-known **UKAS** of England. In addition to that **(R.E.I)** also was awarded the **Quality Shield** by Iraq Ministry of Planning and Development Cooperation/C.O.S.Q.C during Iraq First Quality Conference held by **USAID** on 2009.

Inspection services given by (REI) are available for installations including new projects at different phases such as Design, Fabrication, and Construction and during the test run as well.

The under mentioned services are the activities which were carried out by **(R.E.I) since starting:-**

1. Cargo loading and unloading inspection.
2. From (A) to (Z) site inspection of many projects.
3. Special inspections, testing and examinations, this includes UT for lamination in spheres and metallographic examination using Replica technique for the equipments exposed to Hydrogen at high temperatures.
4. Trouble shooting for equipments in the Iraqi refineries, gas and fertilizers plants.
5. Equipments life assessment especially for power plants boilers and associated pressure vessels and piping.
6. Adoption of QA/QC systems.
7. Training, Qualification and Certification for ISO 9001 and other ISO standards by cooperation with International bodies such as Chiltren-TMC of England.
8. Arranging Training course for others especially for inspection departments of MOO, MOE & MOI companies in the NDE/NDT and inspection of pressure vessels and boilers.

Therefore projects undertaken by (REI) may be classified in to six categories as follows:

- 1. New construction projects.**
- 2. Rehabilitation projects.**

3. **LPG spheres and Oil storage tanks Calibration projects.**
4. **Special inspection projects**
5. **Routine inspection project.**
6. **Loading and offloading projects.**
7. **Training projects.**

At the present time (REI) activities are limited to Iraq, but it is intended to extend these activities to neighbor Arab countries and also to include inspection of Marine Installations such as Commercial Ships, Oil Tankers, and Oil Deep Sea Terminals.

II. PROCESS APPROACH FOR JOB EXECUTION

In order to ensure meeting of the international Codes and Standards requirements or the customer defined requirements in the services provision, and to avoid occurrence of faults which may be resulted from the personal behavior of the staff, (REI) management have adopted the "**Process Approach**" concept in the services provision. Based on this concept the following will be achieved:-

1. **Interaction between processes of each service will be well identified.**
2. **Potential nonconformities will be identified and minimized.**
3. **Specifying of the "What-Where-When-Who & How" to each process of the service will be specified.**
4. **Ongoing monitoring on the services provision as whole by the Level III personnel will be ensured.**

Therefore the Job of saying "**Yes**" or "**No**", saying "**Accepted**" or "**Rejected**" will not be subjected to the personal point of view.

Example

Pipeline welds RT service.



III. (REI) MEMBERSHIPS AND QUALIFICATIONS

As a policy of tracking the International Inspection agencies (REI) joined the following bodies:-

- 1. Iraq Business men Union.**
- 2. Iraqi-French Business men Union.**
- 3. Iraqi Society of Engineering Inspection and Civil Protection.**
- 4. Iraqi Society of Quality and Reliability.**
- 5. Iraqi Radiation Detection and Protection central Organization.**

In addition (REI) is qualified as a local Partner with the following companies:-

- 1. BP Iraq N.V.**
- 2. CNPC of China.**
- 3. Siemens S.A. (D-U-N-S) No. (557731453).**
- 4. Fluor of USA.**
- 5. Shell Iraq.**
- 6. Weatherford.**
- 7. ENI.**

IV. SERVICES

Here below is a brief description of the services that can be performed by

(R.E.I):-

1. For new projects such as new Refinery, Gas Plant, Pipeline and Thermal and Gas Power Plant etc.....
 - 1.1- Design review for all matters related to safety to ensure the compliance of the project design with the international codes and standards and client special specification, and are safe to operate.
 - 1.2- Shop inspection (for locally fabricated equipments).
During fabrication (full & partial fabrication) as below:-
 - A. Industrial Boilers (Fire & Water Tube).
 - B. Power Plant High Pressure Boilers.
 - C. Pressure Vessels (Tower, Drums, and reactor) industrial Thick Wall Pressure Vessels.
 - D. Special Storage Tanks for Oil and Gas Industry (Refrigerated and Spherical).
 - E. Oil & Gas Pipeline (Small & Large Dia. 48", 56", 60" etc.).
 - F. Water Piping & Pipelines.
 - G. Piping Systems (Process & Utility).
 - H. Relieving Systems including Safety & Relief Valves.
 - I. Lifting Equipments (Fixed & Mobile).
 - J. Electrical Elevators (Industrial for Public & Private Building).
 - K. Mechanical Hoisting Devices.
 - L. Corrosion Monitoring Systems & Equipments.
 - 1.3- Site inspection
 - 1.3.1- Inspection (Independent or Quality Control).
Inspection during Erection of new projects to ensure that works comply with the required specifications, Qualification of Welders and Welding Procedures, and Welding Supervision as part of the erection or fabrication activities. Witnessing of all testing and examinations including the test run trails and issuing

the relevant inspection and safety operational certificates in addition to the NDE/NDT such as RT, UT, PT, MT and other NDE.

2. Routine and Annual Inspection of existing operating plants and equipments as listed above and issuing inspection relevant certificates or reports for each equipment and safety operational certificates for operating units including all types of boilers and accessories.
3. For damage equipment and plants
 - 3.1- Carry out initial survey to determine type and extent of damage.
 - 3.2- Inspection during the repair of the damage.
 - 3.3- Provision of NDE specialists and equipment required for the repair.
4. Other services
 - 4.1- **LPG spheres and Oil storage tanks calibration.**
 - 4.2- Provision of inspectors and NDE specialists and equipment anywhere in Iraq.
 - 4.3- Provision of corrosion specialists including Hydrogen attacks.
 - 4.4- Provision of special inspection services for life assessment and upgrading of the special nature equipment.
 - 4.5- Engineering review of specification & engineering drawings.
 - 4.6-

I- WORLDWIDE ALLIES AND PARTNERS

(R.E.I) within one year of its assignment succeeded to demonstrate highly appreciated competence and skill in meeting its customer requirements with obvious independency, neutrality and commitment to the international Codes and Standards requirements and this encouraged a reputed companies around the world to invest **(R.E.I)** capabilities in supporting them in the Construction, Rehabilitation, Training and Qualification projects awarded to them by Iraq MOO, MOE. MOI and other private and governmental parties such as:-

✚ **Hitachi Corp. of Japan.** Cooperation in the fields of Power Boilers Assessment and Rehabilitation.

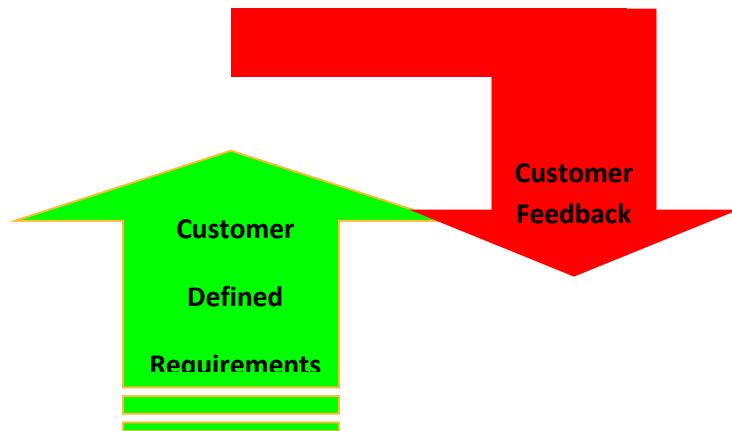
✚ **ATG of Czech Republic - (R.E.I) Power of Attorney** for performing Inspection, NDE, Training, Qualification and Certification activities inside Iraq.

+ **Chiltren-TMC of England - (R.E.I)** Agreement for Qualification and Certification for ISO 9001 and other ISO standards.

+ **BM TRADA Middle East - (R.E.I)** cooperation for performing Training, Qualification and Certification.

II- SUSTAINABLE PROGRAM FOR COMPETENCY AND SKILL

In order to pursue developments in the fields of work **(R.E.I)** Top Management adopted a sustainable program for continual improvement of its technical staff skill. This program shown below:-





MANAGEMENT SYSTEM (QMS)

Within one year of establishment (**R.E.I**) succeeded to hold ISO 9001 certificates from the following parties:-

1. BM TRADA Middle East/ ISO 9001-2008.
2. C.O.S.Q.C of Iraq/ ISO 9001-2000.

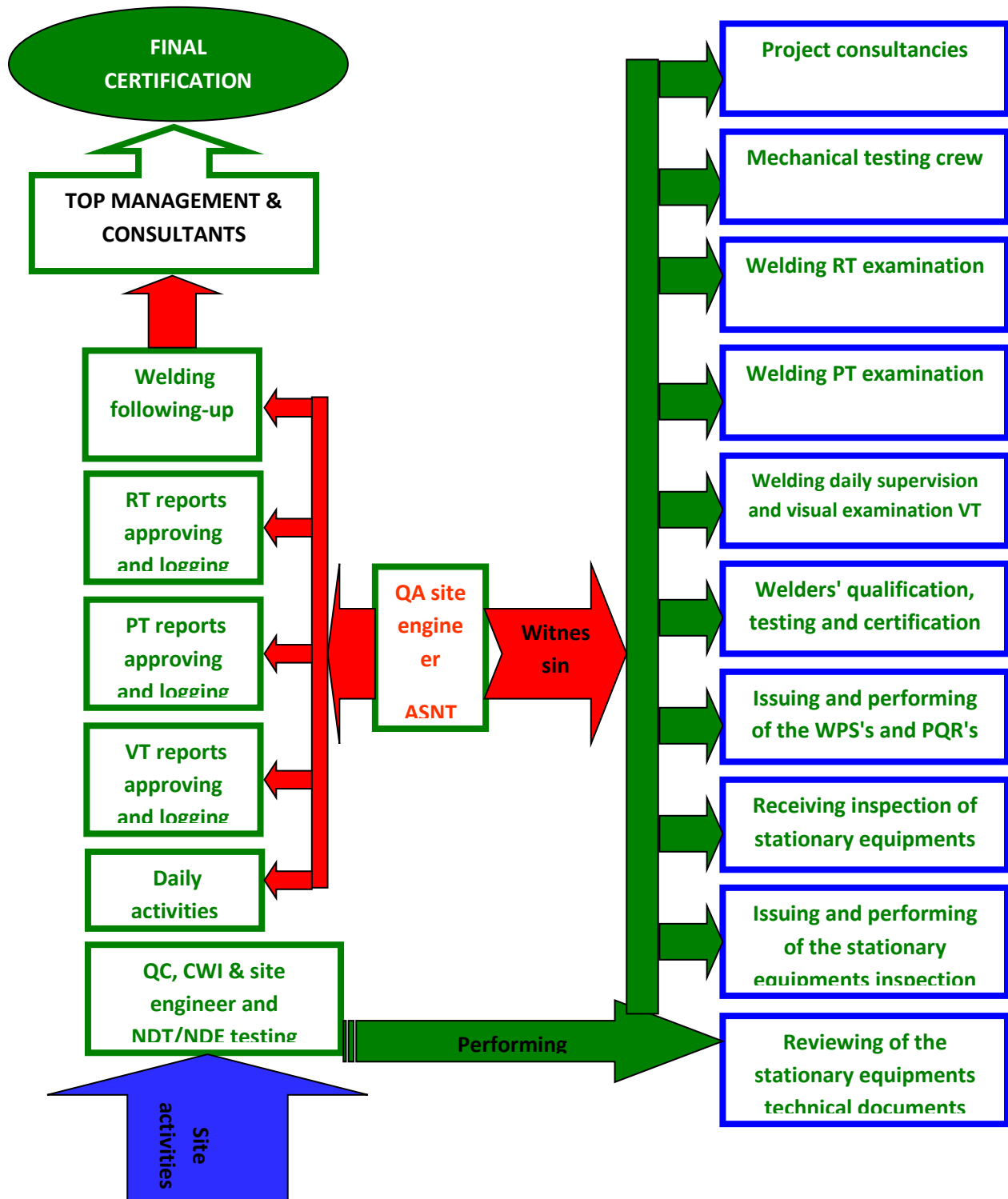


III- (R.E.I) AS ISO STANDARDS QUALIFYING BODY

In the same time (**R.E.I**) succeeded to be accredited by Iraq (C.O.S.Q.C) as a Qualification body for ISO 9001-2008 standards specification having the authority to Establish, Implement and maintain Quality Management Systems to the Iraqi private and Governmental companies. Below (C.O.S.Q.C) Executive Order related to this accreditation.

IV- ONGOING QC/QA PROGRAM

(R.E.I) has a flexible quality assurance/ quality control programs which may be adapted to the request of the customer (main contractor, sub contractor) and to the type or nature of the work (shop and special yard fabrication, constructions of projects, routine inspection, major repairs of equipment etc.). Below is sample of QC/QA organization adopted by (R.E.I) in sites.



(R.E.I) can perform when requested any one of the following assignments:-

- A. As NDT performing body for the customer.
- B. As quality control QC executing body for the costumer.
- C. As quality assurance QA executing body for the costumer.
- D. As quality assurance/quality control performing body for the costumer (QA/Qc).
- E. As a third party inspector for major projects.
- F. As an inspector during fabrication (shop inspection).
- G. As an inspector for repair and rehabilitation of plants equipment.
- H. As welding inspector for welding procedures and welder qualification tests and for production welding of new project and repairs.
- I. Routine inspection of existing plants and processing units.

To achieve these assignments to the satisfaction of the costumer, general and specific programs have been established and followed during the execution of the work. The programs for the inspection activities are not included in this offer, only quality program of the NDT (NDE) are dealt with and as outlined here below:-

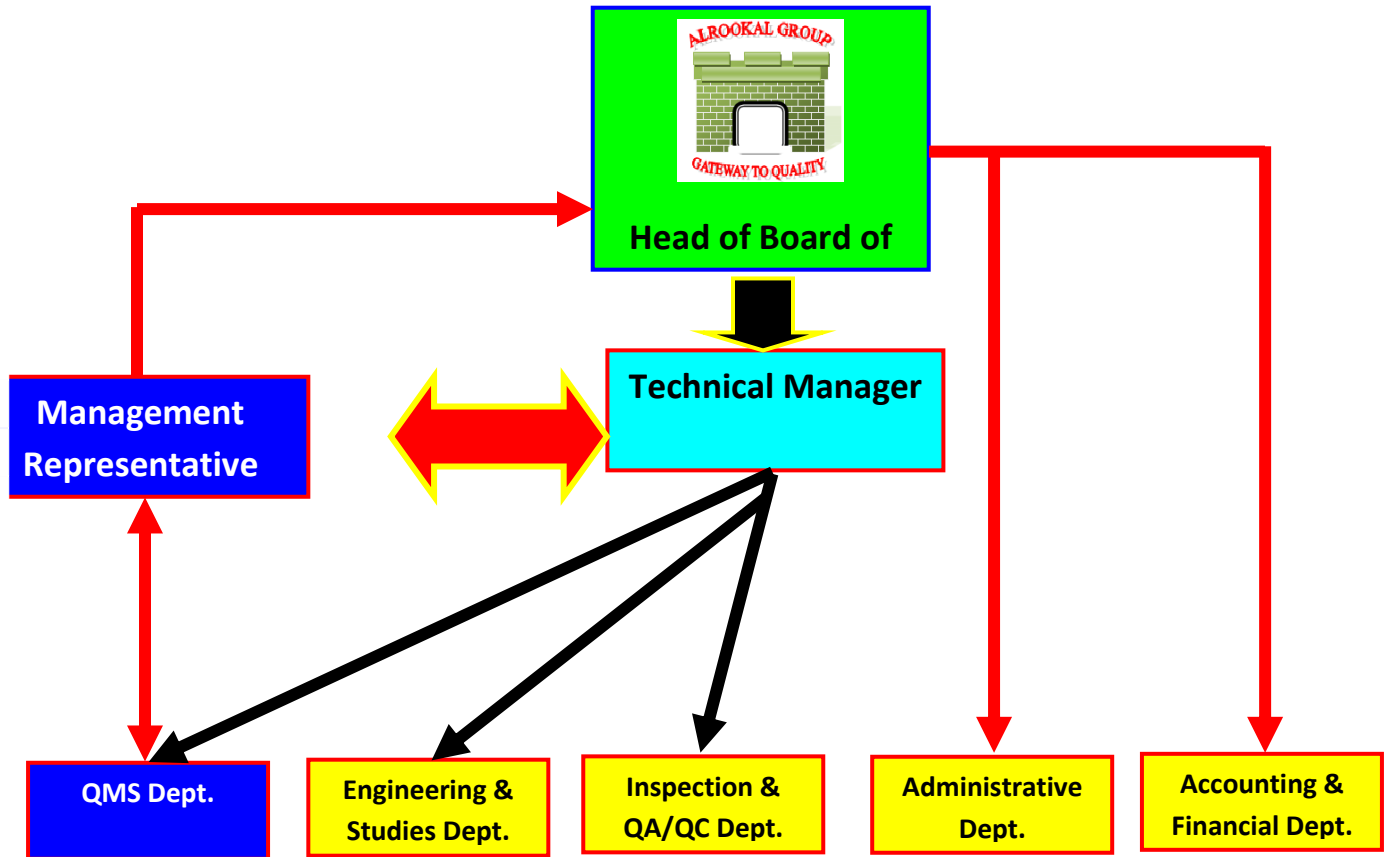
1. Establishing general and specific specification for each NDT method dealing with the applicable code, equipment to be, employed, techniques to be used method of standardization and calibration and their frequencies, safety and health measures for their qualification and working procedure with the costumer for representing the tests and examination results and evaluation.

AL-ROOKAL CO. has its own NDT and inspection specifications and is available when requested and may be modified to meet the special equipment of the costumer and shall be submitted for approval after signing the contract.

2. Working according to a written procedure in accordance to the applicable code or costumer requirement these procedures are available for approval or information when required by customer.
3. Qualification of the procedures prior to the actual execution of the examination and standardization of the NDT equipment is part of the qualification.
4. Performing the relevant NDT in accordance to the approved, qualified procedure.
5. Attending pre-inspection meeting prior to the start of the actual testing and examination. An inspection meeting is held with the customer all concerned parties to agree on the following:-

- A. Procedures for correspondence between all concerned parties.
- B. Requirement of the customer if any.
- C. Requirement of Al-Rook such as the arrangement of working platforms and handling of heavy testing equipment and safety measures during the NDT to be performed.
- D. Documentation to be issued by the costumer such as notification for the tests and examination to be performed (request for test).
- E. Documentation to be issued by AL-ROOKAL CO. such as examination performed by AL-ROOKAL CO. NDT persons, reports, results and evaluation of the testing and Sharing of responsibilities if AL-ROOKAL CO. is requested by the customer (main contractor, sub-contractor) to be the performing body of the NDT examination.

V- ORGANIZATIONAL STRUCTURE.



VI- A PROJECTS UNDERTAKEN UNDER (R.E.I) STAFF

No.	Description	Customer's Name	Year
1.	NDT Services	GFC (LPG Tanks)	2021
2.	NDT Services	AL-Mussaib TPS UNITE #3 (Seimens)	2020
3.	Third party inspection	SRC	2020
4.	Third party inspection	AL-Mussaib TPS UNITE #3	2019
5.	Inspection Project	Baiji reactors PHASED ARRAY INSPECTION with ATG Co.	2019
6.	Inspection Project	Eti had food industries CO. Babylon-Iraq	2018
7.	Third party inspection	B.V/ Abadan Basra 48" gas Pipe line project	2017
8.	Inspection Project	DIBIS GAS POWER STATION	2016
9.	Inspection Project	Warehouse building Zarya Co.	2016
10.	Inspection Project	Cement Plant \TANK Simawa SINOMA Co.	2016
11.	Inspection Project	Tasluja Cement Factory Lafarge Co.	2016
12.	Third party inspection	Siba Filed Development Project	2016
13.	Inspection Project	BAZIAN CEMENT PLANT	2016
14.	Third party inspection	CPP Nisrya Project	2016
15.	Inspection Project	International Consulting & Contracting Services Ltd. Daura Refinery	2015
16.	Inspection Project	TASLUJA CEMENT PLANT (SULIMANIA)	2015
17.	Inspection Project	ZERIYA Co. / Goizha Project (SULIMANIA)	2015
18.	Inspection Project	BAZIAN CEMENT COMPANY (BCC) (SULIMANIA)	2015

19.	Third party inspection	Gas transmission pipeline from Iran to Iraq	2015
20.	Inspection Project Third party inspection + NDE + QAQC	Al- NAJIBIA 4*125 POWER PLANT	2014
21.	Inspection Project	BADRA FIELD	2013
22.	Inspection Project Third party inspection + NDE + QAQC	AL-HAYDARIA GPS project of Four (4) 500 total MW GE Gas turbines	2012
23.	NDE supplier for piping + Pipeline + Vessels	Majnoon oil Field with Shell Co.	2012
24.	Inspection Project Third party inspection at site with BV Co.	Crude Unit 70,000 BPD at SRC.	2012
25.	NDT training course for ISO 9712 Level II	Ministry of Oil	2012
26.	Inspection including NDT for piping in Rumaila Oil Field	South Gas Compan	2011
27.	Supervision and NDT for installation of tanks in Bazergan Field	Missan Oil Company	2011
28.	Supervision for installation of tanks in Zubair -2 depot	SOC / South Oil Company	2011
29.	X-Ray Radiographic in Zubair field	SOC / South Oil Company	2011
30.	Implementation for Boiler installations	MRC	2011
31.	UT Examination Of DS Vessels By DS5 North Rumailah	BP / British Petroleum	2011
32.	UT Examination Of DS Vessels DS4,DS5 in South and North Rumailah	BP / British Petroleum	2011
33.	UT Examination Of DS Vessels By DS3,DS4,DS5, in South and North Rumailah	BP / British Petroleum	2011
34.	Third Part Inspection Of 70.000 BPD	SRC / South Refineries Company / B.V	2011
35.	Tank Calibration all over Iraq	Private sector Companies / B.V	2011
36.	Cranein inspection	Exxon mobil	2011
37.	NDT (X-Ray radiography. Dye pent rant & Ultrasonic test) of process piping and pipe line and tank	Al-SADAR GPS	2010-2011
38.	Tank Calibration	NGC / B.V	2010-2011

39.	Supervision of three power boilers (160 T/h)	NGC / North Gas Company	2010
40.	X-ray Radiography of process piping and (CDU Unit) .	MRC /Midland Refineries Co.	2010
41.	Inspection including NDT for piping in southern Rumailah	Worley Parsons	2010
42.	X-ray Radiography of process piping and pipe line southern Rumailah oil field Degassing Station	Worley Parsons	2010
43.	Tank Calibration	B.V / Gas Filling Company	2010
44.	NDT training course	SCF / South Company of fertilizers	2009
45.	Tank NDT testing & inspection (Spherical Tanks)	Gas filling Company	2009
46.	Rehabilitation of Boiler No .C	North Gas Company	2009
47.	Inspection and NDT of spherical tank No.12.4	Gas filling company at Taji	2009
48.	Primary reformer furnace B101 inspection	North company of fertilizers (NCF/Baiji)	2009
49.	Primary reformer furnace B101 inspection	South company of fertilizers (SCF/Basrah)	2009
50.	X-ray radiography of process piping and pipe line	South gas company (SGC/Basrah)	2009
51.	X-ray radiography of process piping and pipe line in Al-Zubair – Faw	South oil company (SOC/Basrah)	2009
52.	X-ray radiography of process piping and pipe line in Rumaila – Najjaf	South oil company (SOC/Basrah)	2009
53.	Current Inspection Project Third party inspection	Installation of 160 Ton steam / hr high pressure boiler at Southern Iraq / SRC	2009
54.	Current Inspection Project Third party inspection	Installation of 160 Ton steam / hr high pressure boiler at NGC northern Iraq.	2009
55.	Inspection Project Third party inspection	AL-QUDUS GPS expansion project of two 250 mw gas turbines	2009
56.	Supervision of Baiji of Isomerization Unit	North Refineries Company	2009

57.	NDT training courses	SOC / South Oil Company	2008-2009
58.	Inspection including NDT for piping in north Rumailah	South Oil Company	2008-2009
59.	Radiography & NDT of boilers tubes at Daura Power station Units 5 & 6	Babcock Borsig Power Services GmbH	2008
60.	Tank NDT testing & inspection in south of Baghdad power station	Bechtel International Systems Inc	2008
61.	Zaffraniah power plant ,NDT Turbine shafts	Fluor International	2008
62.	NDT and Inspection Evaluation of Existing Boilers at Baiji Thermal Power Plant Services PHASE II	Bechtel International Systems Inc	2008
63.	Inspection including NDT for Piping in Taza / Kirkuk	Babcock Borsing Power Services GmbH	2008
64.	Inspection including NDT for Piping in Taza / Kirkuk	Siemens Westing House	2008
65.	NDT and Inspection Evaluation at Khor Al-Zubair Power Station Services	Fluor AMEC,LLC	2008
66.	NDT& tests at Daura Power station Units 5 & 6	Siemens AG	2008
67.	NDT& tests at Mussiab Power station Unit 1	Babcock Hitachi K.K	2008
68.	Inspection including UT & Replica of hydrogen processing Plant(Heat Exchanger & & Piping)	State Company of Fertilizer South Region	2008
69.	Unloading process of Gas Power Station Equipments	Al-Hurrah International Co.	2008
70.	NDT and Inspection Evaluation at South Oil Company / BAZERGAN	Perini Corporation	2007
71.	NDT and Inspection Evaluation at AL-QUDAS Thermal Power Plant Services	Fluor International	2007
72.	NDE & tests at Daura Power station Units 5 & 6	Bechtel International Systems Inc	2007
73.	Inspection and Evaluation of Turbines Gas Piping.	Mosul Gas Turbine Power Plant	2006
74.	NDT Radiography of Boilers 5 & 6 in Daura Power Station of 400,000 Kg steam/hr. capacity.	Babcock Borsing Power Services GmbH	2006
75.	NDT and Inspection Evaluation of Existing Boilers at Baiji Thermal Power Plant Services	Bechtel International Systems Inc	2006

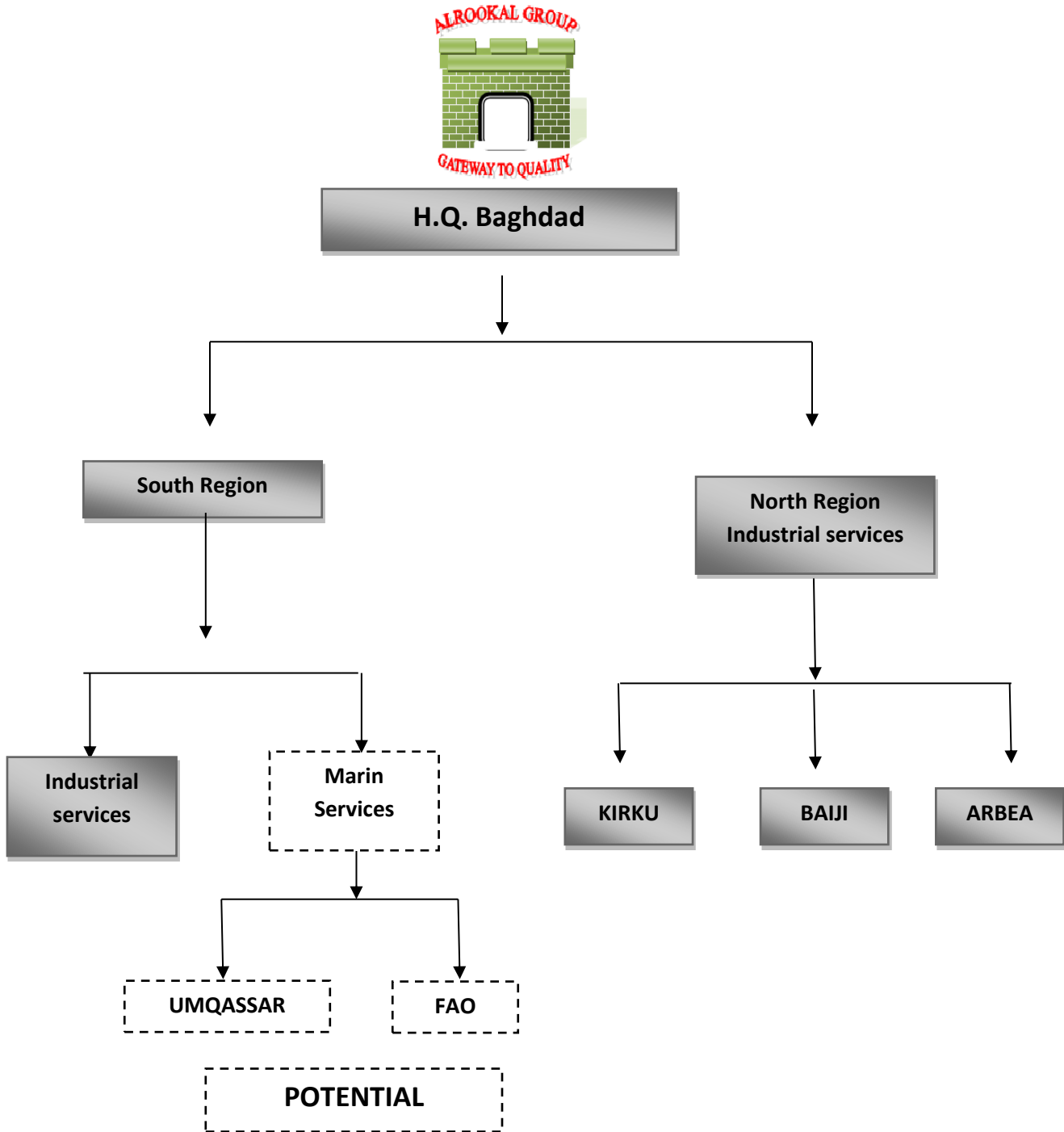
76.	Inspection including NDT for Piping of one Gas Turbine Unit at Hillah Power Plant Services	Fluor International	2006
77.	Inspection & NDT of Rotary Kiln (X-ray & Dye Penetrant).	Cement Production Co. / Iraq / Mosul / Hamam Al-Aleel	2005
78.	Inspection of Boiler No. 5 at Baiji Thermal Power Station of 715000 Kg steam/hr. capacity.	Commission of Electricity	2005
79.	Routine Plant Inspection for 3 Factories.	Oil Vegetables Co.	2005
80.	Routine Inspection of 30 Boilers 15t/hr steam all over Iraq.	Oil Vegetables Co.	2005
81.	Inspection of 2 Steam Power Boiler of 15 Ton Capacity.	Plastic Production Co. / Iraq	2005
82.	6 LPG Tanks Liquid Oxygen Storage Tanks of 10 Ton Capacity	Battery Manufacturing Co. / Iraq	2004
83.	Inspection of 2 Hot Oil Fired Heaters. 2 Fixed Roof Fuel Tanks/ 5000m ³ Capacities. 8 Fuel Oil Pipelines (2-6)" of 6000m Length.	Cement Production Co. / Iraq / Falujah	2004
84.	Inspection of 2 Fuel Oil Pipelines 8" of Km long. 4 Compressed Air	Cement Production Co. / Iraq / Ramadi	2004
85.	Pre-inspection of Khor Al-Zubair Storage Terminal, Um Qasar Loading Terminal & Project Pipelines Prior to the Rehabilitation with (TOYO-Thai/Tomen)	South Gas Co. / Iraq	2004

I- AL-ROOKAL CO. EQUIPMENTS

EQUIPMENT TYPE	QTY	OWNER	LOCATION OF EQUIPMENT	MANUFACTURE
X-Ray Generator 300 KV	2	AL-ROOKAL CO.	Baghdad	Balteau/Belgium
X-Ray Generator 160 KV	1	AL-ROOKAL CO.	Baghdad	Balteau/Belgium
X-Ray Generator 250 KV	3	AL-ROOKAL CO.	Baghdad	Chinese
Ultrasonic thickness meter	3	AL-ROOKAL CO.	Baghdad	Sonatest / UK & GE
Coating thickness meter	1	AL-ROOKAL CO.	Baghdad	Sonatest / UK
Dye Penerant Kit	150 set	AL-ROOKAL CO.	Baghdad	Magnaflux / Belgium
Visual Inspection Devices	12 set	AL-ROOKAL CO.	Baghdad	ATG
Hardness tester (portable)	2	AL-ROOKAL CO.	Baghdad	Proceq / Switzerland
Ultrasonic flaw detector	3	AL-ROOKAL CO.	Baghdad	Krautkramer /Germany
Vacuum Box	2	AL-ROOKAL CO.	Baghdad	U.K
Magnetic Particle Test	1	AL-ROOKAL CO.	Baghdad	USA
Post weld heat treatment	1	AL-ROOKAL CO.	Baghdad	Chinese

II- COMPNY REGIONAL OFFICES.

In mid 2003 and due to the expanded inspection and testing need all over Iraq AL-ROOKAL CO. Company Board decided to enlarge its activities to overcome the above mentioned needed services by establishing regional offices:



III- SAMPLES OF OUR EQUIPMENT & LABORATORY

Our company has its own testing equipment; therefore we have no problem in conducting any type of testing services (Destructive - Non Destructive Testing) at any time either by our own equipment or by reputable testing laboratories.

X-Ray Generator 300 KV cream 35



Manufacturer : Balteau/Belgium

SN: 286361/02

X-Ray Generator 300 KV cream 35



Manufacturer : Balteau/Belgium

SN: 296850/03

Ultrasonic flaw detector D-10



Manufacturer: Sonatest / UK

SN: 1003679

Ultrasonic flaw detector D-10



Manufacturer: Sonatest / UK

SN: I004582

Ultrasonic flaw detector USK7S



Manufacturer: Krautkramer /Germany

SN: C-109/79

Magnetic Particle Test CEY 240



Manufacturer: Germany

SN: 1374

Ultrasonic thickness meter DM2



Manufacturer: Krautkramer /Germany

SN: 260809936

X-Ray Generator 300 KV XXG 3005 / X-Ray Generator 200 KV XXG 2005



Manufacturer: China

XII. FUTURE FORESEEN PLANS

1. Establishing a local NDE/NDT, Inspection and Corrosion Training Center in link with International and reputable Training and Certification Bodies.
2. Inspection of ships.
3. Qualifying organizations for ISO 9001 & ISO 17025 specifications.
4. inspection of high technology such as:
 - Intelligent pigging of the existing pipelines.
 - Inspection of the marine loading.
 - Deep Sea Terminals Inspection.
 - Oil Rigs Inspection.

4. Seeking JV (Joint Venture) with reputable international inspection companies and societies.


6. Establish central inspection laboratories (mechanical, civil and metallurgical).

7. To undertake inspection of projects outside Iraq.

Person in Charge

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