We Have Our own Equipments
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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:-

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.

- Issuing of the job Written Procedure & Instructions
- RT machine Setting and Shooting
  - Well experienced Operator under Level II supervision
- Films processing
  - Well experienced Operator
- Films Quality evaluation
  - Level II Job
- Films Indications judgment and Reporting
  - Level II Job

The Whole service
  - Performance
  - Quality Control
  - Level III Job

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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.
4. Iraqi Society of Quality and Reliability.

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

1. BP Iraq N.V.
2. CNPC of China.
4. Fluor of USA.
5. Shell Iraq.
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.
       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 equipments.
4.5- Engineering review of specification & engineering drawings.

**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.
- **Baltic Control of Denmark - (R.E.I)** Agreement for performing Offloading and Receiving Inspection.
- **BV - (R.E.I)** cooperation for performing Inspection, NDE and Tank Calibration.
- **ATG of Czech Republic - (R.E.I) Power of Attorney** for performing Inspection, NDE, Training, Qualification and Certification activities inside Iraq.
- **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:-
III- QUALITY 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.
IV. (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.
V- 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 customer 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.
VI- ORGANIZATIONAL STRUCTURE.

Head of Board of Directors

Management Representative

Technical Manager

QMS Dept.

Engineering & Studies Dept.

Inspection & QA/QC Dept.

Administrative Dept.

Accounting & Financial Dept.
## VII- A PROJECTS UNDERTAKEN UNDER (R.E.I) STAFF

<table>
<thead>
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<th>Description</th>
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<th>Year</th>
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<tr>
<td>1.</td>
<td>NDT training course for ISO 9712 Level II</td>
<td>Ministry of Oil</td>
<td>2012</td>
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<tr>
<td>2.</td>
<td>Inspection including NDT for piping in Rumaila Oil Field</td>
<td>South Gas Company</td>
<td>2011</td>
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<tr>
<td>3.</td>
<td>Supervision and NDT for installation of tanks in Bazergan Field</td>
<td>Missan Oil Company</td>
<td>2011</td>
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<tr>
<td>4.</td>
<td>Supervision for installation of tanks in Zubair -2 depot</td>
<td>SOC / South Oil Company</td>
<td>2011</td>
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<td>5.</td>
<td>X-Ray Radiographic in Zubair field</td>
<td>SOC / South Oil Company</td>
<td>2011</td>
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<tr>
<td>6.</td>
<td>Implementation for Boiler installations</td>
<td>MRC</td>
<td>2011</td>
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<td>7.</td>
<td>UT Examination Of DS Vessels By DS5  North Rumailah</td>
<td>BP / British Petroleum</td>
<td>2011</td>
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<td>8.</td>
<td>UT Examination Of DS Vessels DS4,DS5 in South and North Rumailah</td>
<td>BP / British Petroleum</td>
<td>2011</td>
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<td>9.</td>
<td>UT Examination Of DS Vessels By DS3,DS4,DS5, in South and North Rumailah</td>
<td>BP / British Petroleum</td>
<td>2011</td>
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<tr>
<td>10.</td>
<td>Third Part Inspection Of 70,000 BPD</td>
<td>SRC / South Refineries Company / B.V</td>
<td>2011</td>
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<td>11.</td>
<td>Tank Calibration all over Iraq</td>
<td>Private sector Companies / B.V</td>
<td>2011</td>
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<td>12.</td>
<td>Cranein inspection</td>
<td>Exxon mobil</td>
<td>2011</td>
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<td>13.</td>
<td>NDT (X-Ray radiography. Dye pent rant &amp; Ultrasonic test) of process piping and pipe line and tank</td>
<td>Al-SADAR GPS</td>
<td>2010-2011</td>
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<td>15.</td>
<td>Supervision of three power boilers (160 T/h)</td>
<td>NGC / North Gas Company</td>
<td>2010</td>
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<td>16.</td>
<td>X-ray Radiography of process piping and ( CDU Unit ).</td>
<td>MRC /Midland Refineries Co.</td>
<td>2010</td>
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<td>17.</td>
<td>Inspection including NDT for piping in southern Rumailah</td>
<td>Worley Parsons</td>
<td>2010</td>
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<tr>
<td>18.</td>
<td>X-ray Radiography of process piping and pipe line southern Rumailah oil field Degassing Station</td>
<td>Worley Parsons</td>
<td>2010</td>
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<td>No.</td>
<td>Activity</td>
<td>Client/Partner</td>
<td>Year</td>
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<tr>
<td>20.</td>
<td>NDT training course</td>
<td>SCF / South Company of fertilizers</td>
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<td>21.</td>
<td>Tank NDT testing &amp; inspection (Spherical Tanks)</td>
<td>Gas filling Company</td>
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<td>22.</td>
<td>Rehabilitation of Boiler No .C</td>
<td>North Gas Company</td>
<td>2009</td>
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<td>23.</td>
<td>Inspection and NDT of spherical tank No.12.4</td>
<td>Gas filling company at Taji</td>
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<td>24.</td>
<td>Primary reformer furnace B101 inspection</td>
<td>North company of fertilizers (NCF/Baiji)</td>
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<td>25.</td>
<td>Primary reformer furnace B101 inspection</td>
<td>South company of fertilizers (SCF/Basrah)</td>
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<td>26.</td>
<td>X-ray radiography of process piping and pipe line</td>
<td>South gas company (SGC/Basrah)</td>
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<td>27.</td>
<td>X-ray radiography of process piping and pipe line in Al-Zubair – Faw</td>
<td>South oil company (SOC/Basrah)</td>
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<td>28.</td>
<td>X-ray radiography of process piping and pipe line in Rumaila – Najaf</td>
<td>South oil company (SOC/Basrah)</td>
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<td>29.</td>
<td>Current Inspection Project Third party inspection</td>
<td>Installation of 160 Ton steam / hr high pressure boiler at Southern Iraq / SRC</td>
<td>2009</td>
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<td>30.</td>
<td>Current Inspection Project Third party inspection</td>
<td>Installation of 160 Ton steam / hr high pressure boiler at NGC northern Iraq.</td>
<td>2009</td>
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<td>31.</td>
<td>Inspection Project Third party inspection</td>
<td>AL-QUDUS GPS expansion project of two 250 mw gas turbines</td>
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<td>32.</td>
<td>Supervision of Baiji of Isomerization Unit</td>
<td>North Refineries Company</td>
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<td>NDT training courses</td>
<td>SOC / South Oil Company</td>
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<td>Inspection including NDT for piping in north Rumailah</td>
<td>South Oil Company</td>
<td>2008-2009</td>
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<td>35.</td>
<td>Radiography &amp; NDT of boilers tubes at Daura Power station Units 5 &amp; 6</td>
<td>Babcock Borsig Power Services GmbH</td>
<td>2008</td>
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<td>36.</td>
<td>Tank NDT testing &amp; inspection in south of Baghdad power station</td>
<td>Bechtel International Systems Inc</td>
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<td>Zaffraniah power plant ,NDT Turbine shafts</td>
<td>Fluor International</td>
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<td>Inspection including NDT for Piping in Taza / Kirkuk</td>
<td>Babcock Borsing Power Services GmbH</td>
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<td>Inspection including NDT for Piping in Taza /</td>
<td>Siemens Westing House</td>
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<td></td>
<td>Description</td>
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<td>41.</td>
<td>NDT and Inspection Evaluation at Khor Al-Zubair Power Station Services</td>
<td>Fluor AMEC, LLC</td>
<td>2008</td>
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<td>42.</td>
<td>NDT&amp; tests at Daura Power station Units 5 &amp; 6</td>
<td>Siemens AG</td>
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<td>NDT&amp; tests at Mussiab Power station Unit 1</td>
<td>Babcock Hitachi K.K</td>
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<td>Inspection including UT &amp; Replica of hydrogen processing Plant( Heat Exchanger &amp; Piping )</td>
<td>State Company of Fertilizer South Region</td>
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<td>Unloading process of Gas Power Station Equipments</td>
<td>Al-Hurrah International Co.</td>
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<td>NDT and Inspection Evaluation at South Oil Company / BAZERGAN</td>
<td>Perini Corporation</td>
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<td>NDT and Inspection Evaluation at AL-QUDAS Thermal Power Plant Services</td>
<td>Fluor International</td>
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<td>48.</td>
<td>NDE &amp; tests at Daura Power station Units 5 &amp; 6</td>
<td>Bechtel International Systems Inc</td>
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<td>49.</td>
<td>Inspection and Evaluation of Turbines Gas Piping</td>
<td>Mosul Gas Turbine Power Plant</td>
<td>2006</td>
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<td>50.</td>
<td>NDT Radiography of Boilers 5 &amp; 6 in Daura Power Station of 400,000 Kg steam/hr. capacity.</td>
<td>Babcock Borsing Power Services GmbH</td>
<td>2006</td>
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<td>52.</td>
<td>Inspection including NDT for Piping of one Gas Turbine Unit at Hillah Power Plant Services</td>
<td>Fluor International</td>
<td>2006</td>
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<td>54.</td>
<td>Inspection of Boiler No. 5 at Baiji Thermal Power Station of 715000 Kg steam/hr. capacity.</td>
<td>Commission of Electricity</td>
<td>2005</td>
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<td>55.</td>
<td>Routine Plant Inspection for 3 Factories</td>
<td>Oil Vegetables Co.</td>
<td>2005</td>
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<td>56.</td>
<td>Routine Inspection of 30 Boilers 15t/hr steam all over Iraq.</td>
<td>Oil Vegetables Co.</td>
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<td>6 LPG Tanks Liquid Oxygen Storage Tanks of 10 Ton Capacity</td>
<td>Battery Manufacturing Co. / Iraq</td>
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<td>59.</td>
<td>Inspection of 2 Hot Oil Fired Heaters. 2 Fixed Roof Fuel Tanks/ 5000m³ Capacities. 8 Fuel Oil Pipelines (2-6&quot;) of 6000m Length.</td>
<td>Cement Production Co. / Iraq / Falujah</td>
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<td>60.</td>
<td>Inspection of 2 Fuel Oil Pipelines 8&quot; of Km long. 4 Compressed Air</td>
<td>Cement Production Co. / Iraq / Ramadi</td>
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<td>Pre-inspection of Khor Al-Zubair Storage Terminal, Um Qasar Loading Terminal &amp; Project Pipelines Prior to the Rehabilitation with (TOYO-Thai/Tomen)</td>
<td>South Gas Co. / Iraq</td>
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# B-Quality Management System Projects Undertaken

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<td>5.</td>
<td>Consultancies for qualifying the organization QMS as per ISO 9001 : 2008</td>
<td>Ministry of Construction and Housing / State Commission and Housing</td>
<td>2012</td>
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<th>LOCATION OF EQUIPMENT</th>
<th>MANUFACTURE</th>
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<td>X-Ray Generator 300 KV</td>
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<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Balteau/Belgium</td>
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<tr>
<td>X-Ray Generator 160 KV</td>
<td>1</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Balteau/Belgium</td>
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<tr>
<td>X-Ray Generator 250 KV</td>
<td>3</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Chinese</td>
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<tr>
<td>Ultrasonic thickness meter</td>
<td>3</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Sonatest / UK &amp; GE</td>
</tr>
<tr>
<td>Coating thickness meter</td>
<td>1</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Sonatest / UK</td>
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<tr>
<td>Dye Penetration Kit</td>
<td>150 set</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Agfa / Belgium</td>
</tr>
<tr>
<td>Visual Inspection Devices</td>
<td>12 set</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>ATG</td>
</tr>
<tr>
<td>Hardness tester (portable)</td>
<td>2</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Proceq / Switzerland</td>
</tr>
<tr>
<td>Ultrasonic flaw detector</td>
<td>3</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>Krautkramer / Germany</td>
</tr>
<tr>
<td>Vacuum Box</td>
<td>2</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>U.K</td>
</tr>
<tr>
<td>Magnetic Particle Test</td>
<td>1</td>
<td>AL-ROOKAL CO.</td>
<td>Baghdad</td>
<td>USA</td>
</tr>
</tbody>
</table>
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 equipments or by reputable testing laboratories.
X-Ray Generator 300 KV cream 35

Manufacturer: Balkeu/Belgium
SN: 286361/02

X-Ray Generator 300 KV cream 35

Manufacturer: Balkeu/Belgium
SN: 296850/03

Ultrasonic flaw detector D-10

Manufacturer: Sonatest / UK
SN: 1003679
Ultrasonic flaw detector D-10

Manufacturer: Sonatest / UK
SN: 1004582

Ultrasonic flaw detector USK75

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
IV- (R.E.I) Some of our Staff Certification

- Mr. Mahmoud Ali A.
  - Radiographic Testing – RT
  - Magnetic Particle Testing – MT
  - Visual Testing – VT
  - Liquid Penetrant Testing – PT

- Mr. Maher A. Ameri
  - Radiographic Testing – RT
  - Ultrasonic Testing – UT
  - Liquid Penetrant Testing – PT

- Mr. Abbas M. Jassim
  - Radiographic Testing – RT
  - Ultrasonic Testing – UT
  - Liquid Penetrant Testing – PT
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.
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.
V- REGIONAL OFFICES

- South Region Office – Basra.
  Technical Manager
  Mr. Maher A. Amery
  Maher_nde@yahoo.com
  (00964) - 7901873020
  (00964) - 7703456613

- North Region Office – Kirkuk.
  Chief Inspector
  Mr. Ghassan A. Habeeb
  (00964) - 7702521043

VI- FIGURE PERSONS & CONTACT.

Head Office (Baghdad)
- General Manager
  Mr. Kassim A. Zalzala

  : alrookl@yahoo.com
  : + 790 1 912 148
  : + 790 1 873 020
Person in Charge

Mr. Kassim A. Zalzala
General Manager

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Tel. fax : ++ 964 1 7763347
✉️ : alrookl@yahoo.com
       kassim_zalzala@yahoo.com
📞 : + 790 1 912 148

Please:-
For more information pleases visit our web site:

www.alrookal.com