OUR EXPERTIES

ARCHITECTURAL
CONCEPT DESIGN
SUPERVISION
QUANTITY SURVEY

INTERIOR DESIGN
PROJECT MANAGEMENT
TECHNICAL STUDIES
3D VISUALIZATION
OUR HISTORY

Ramz Engineering Consultants was founded in 1998 by Eng. Abdullah A. Alammari as a small engineering consultants firm which today has expanded into successful engineering consultant group. Within these years, Ramz has grown to be one of the largest privately held professional consultancies in the Kingdom of Saudi Arabia.

Our organization can draw upon resources (both within and through its networks of associates) to comprehensively deliver quality solutions and mitigate risks. Our key personnel have been executed of very large projects and had worked with international companies.

We provide a combination of engineering consulting’s and high quality solutions in combination with design, construction management, supervision, quantity surveying, technical studies, environment studies and fire & safety assessments.

We have more than 300 employees including architects, engineers, technicians, surveyors, program and construction management professionals, supervision and various environmental, Fire & safety experts.
WHY RAMZ

At Ramz, we understand the pressures and issues faced by our clients because we live and work where you do - in the heart of regional Riyadh, KSA.

Ramz is large enough to offer a full range of engineering consultancy services including Architecture, civil, structural, electrical, mechanical, town planning, materials testing, project management, environmental, fire & safety and supervision to support your project throughout the delivery process. But we’re small enough to take the time to make sure you receive personalized service from our team of highly skilled and experienced engineers, project managers and support staff.

From residential design and development to large scale project management, design and investigation projects, we have a proven track record in delivering results on time and on budget. Our quality systems are second to none, ensuring that your job will be right first time, every time. We work together to handle the complexity of your project so that we can deliver an integrated and streamlined outcome for you.
We take the time to listen to you. We take pride in the fact that we work hard on understanding your brief so we appreciate what you need from the outset. And we are proud to say that many of our clients come back to us time and time again.
ENGINEERING

Ramz holds the most dominant brand in the design & supervision industry and enjoys the maximum mind share amongst our clients. Over the years, we have carefully nurtured the brand and clients. We lead the markets in our fields of interest.

REG provides a wide range of planning, engineering and environmental services. Our experience includes all phases of project delivery from the planning phase to construction services and Test & commissioning.

The firm has a repeat clientele base in both public and private sectors such as the governments, the universities, land development companies, and other engineering and construction companies.

All divisions serve a wide range of regional and international clients, who are recognized as key drivers of innovation and vital competency in multiple engineering areas.
SERVICES

- Architectural and Engineering Studies
- Concept Design
- Architectural Engineering
- Civil / Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Quantity Estimation
- Specification Writing
- Bid Coordination
- Bid Analysis
- Technical & Financial evaluation
- Project Management
- Project Supervision
- Quantity Survey
MISSION

To deliver excellence in Architectural, engineering, surveying, transportation, planning, and project management. Every client is treated in a way that when the project is accomplished, the Client will recommend others of our outstanding the service.

VISION

REG is aiming to strengthen its position within the Kingdom of Saudi Arabian engineering consultants industry by ensuring that the clients and market needs are always accomplished. This is achieved by a strong company’s culture committed to the quality, responsibility, as well as to the respect of people and environment.
## LIST OF SOME PROJECTS

<table>
<thead>
<tr>
<th>SL NO</th>
<th>PROJECT NAME</th>
<th>CLIENT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supervising the construction of buildings of primary health care clinics in all of the (Riyadh, Qassim, Rafa, Yanbu, laws, Bahra, Taif).</td>
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<tr>
<td>2</td>
<td>Supervising the construction of housing units belonging to the King Abdulaziz Medical City in Riyadh (the second and third stage).</td>
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<tr>
<td>3</td>
<td>Supervising the construction of housing units in Imam Abdul Rahman bin Faisal Hospital in Dammam.</td>
<td>Ministry of National Guard Health Affairs</td>
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<tr>
<td>4</td>
<td>Supervising the construction of housing units belonging to the King Abdulaziz Medical City in Hassa (the second and third stage).</td>
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<tr>
<td>5</td>
<td>Supervising the construction of the Faculty of Public Health building in King Abdulaziz Medical City in Riyadh.</td>
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<td>6</td>
<td>Supervision of the three stages of the development of environmental treatment plant station in Manifa.</td>
<td>National Water Company</td>
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<td>7</td>
<td>Supervising the implementation of the construction of Theroha Elkhaly port project Phase III/ Design of Administration buildings in 12 different areas in KSA</td>
<td>Ministry of Finance</td>
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<td>Supervising the construction of buildings in the branches of agriculture Ghat and Rass.</td>
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<td>Supervising the construction of a building inside the One Stop Shop customs King Fahd Dammam Airport.</td>
<td>Customs Department</td>
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<tr>
<td>SL NO</td>
<td>PROJECT NAME</td>
<td>CLIENT NAME</td>
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<tr>
<td>10</td>
<td>Supervising the construction of One Stop Shop customs in the port of Yanbu industrial building.</td>
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<td>11</td>
<td>Supervising the remaining work for the construction of a building monitoring tools and warehouse deposits in the Customs palace, and the customs of Prince Mohammed bin Abazievi Madinah Airport.</td>
<td>Customs Department</td>
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<tr>
<td>12</td>
<td>Studies, designs and supervision of complementary business to the offices of the ministry in many of regions of the Kingdom Project.</td>
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<tr>
<td>13</td>
<td>Supervising the survey work and land measurement in Hassa.</td>
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<td>14</td>
<td>Supervising the construction of a sewage plant in the port of Jazan.</td>
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<tr>
<td>15</td>
<td>Supervising the modernization and development of electric networks of high voltage systems, medium and low port of King Fahd Industrial.</td>
<td>Ports Authority</td>
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<tr>
<td>16</td>
<td>Supervising to complete the project for the modernization and development of electric networks of high voltage systems, medium and low Jubail Commercial Port.</td>
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<tr>
<td>17</td>
<td>Supervise the construction building technical and vocational training institute in the city of Medina Badr province.</td>
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<tr>
<td>18</td>
<td>Supervising building on the establishment of technical and vocational training institute in the city of Medina Ula province.</td>
<td>Technical and Vocational Training Corporation</td>
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<tr>
<td>19</td>
<td>Supervise the construction building technical and vocational training institute in Hafr Al-Batin.</td>
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<tr>
<td>20</td>
<td>Supervise the construction activities in the student lounge Hafr Al-Batin.</td>
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<tr>
<td>21</td>
<td>Supervise the construction building technical and vocational training institute in the mhd eldhb.</td>
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<tr>
<td>SL NO</td>
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<tr>
<td>22</td>
<td>Supervising the construction of Technical and Vocational Training Institute building in Samlah.</td>
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<tr>
<td>23</td>
<td>Supervise the construction of Technical and Vocational Training Institute building in Shqraa.</td>
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<td>24</td>
<td>Supervise the construction of Technical and Vocational Training Institute Building in Adam.</td>
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<tr>
<td>25</td>
<td>Supervise the construction building Technical and Vocational Training Institute in Yanbu.</td>
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<tr>
<td>26</td>
<td>Supervising the project completion of the Secondary Industrial Institute in Baljurashi.</td>
<td>Technical and Vocational Training Corporation</td>
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<tr>
<td>27</td>
<td>Supervising the completion of the project building Secondary Industrial Institute in Ahbuna.</td>
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<tr>
<td>28</td>
<td>Project completion of the Technical College for Girls.</td>
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<tr>
<td>29</td>
<td>Supervise the renovation of Dar social education for boys in Riyadh.</td>
<td>Ministry of Social Affairs</td>
</tr>
<tr>
<td>30</td>
<td>Supervising the municipality AlRuwaaidh projects.</td>
<td>The Ministry of Municipal and Rural Affairs</td>
</tr>
<tr>
<td>31</td>
<td>Providing engineering consultancy services for the project completion of additions, improvements and renovations of buildings prison Baha and Qunfudah.</td>
<td>Ministry of Interior</td>
</tr>
<tr>
<td>SL NO</td>
<td>PROJECT NAME</td>
<td>CLIENT NAME</td>
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<tr>
<td>32</td>
<td>Provide consulting services to supervise the implementation of the Authority in the areas of project sites (Riyadh, Qassim, Asir, Madinah)</td>
<td>General Authority for Tourism and Antiquities</td>
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<tr>
<td>33</td>
<td>Provide consulting services to support technical affairs agency of the Ministry of Civil Affairs.</td>
<td>Ministry of Interior</td>
</tr>
<tr>
<td>34</td>
<td>Supervising the project to build the marine courses building a northern region of Jeddah Islamic Port.</td>
<td>Ports Authority</td>
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<tr>
<td>35</td>
<td>Supervising the construction of the building the Department of Awqaf and mosques Aflag province in Riyadh.</td>
<td>The Ministry of Islamic Affairs, dawah and Guidance</td>
</tr>
<tr>
<td>36</td>
<td>Supervising the complementary works buildings scientific institutes.</td>
<td>Imam Muhammad bin Saud University</td>
</tr>
<tr>
<td>37</td>
<td>Design of workshops &amp; administration buildings</td>
<td>Zahid Co.</td>
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<tr>
<td>38</td>
<td>Design of Central library, Dentistry College, Pharmacy College</td>
<td>Qassim University</td>
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<tr>
<td>39</td>
<td>Design of warehouses in Riyadh</td>
<td>FEDEX (SMSA)</td>
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<tr>
<td>40</td>
<td>Design of Al Hигра Compound Complex</td>
<td>Al Ghazeel Co.</td>
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<tr>
<td>41</td>
<td>Design of Adama Clinics</td>
<td>Adama Medical Co.</td>
</tr>
<tr>
<td>42</td>
<td>Design of Commercial Centre</td>
<td>Mr. Abdul Aziz Al Toigry</td>
</tr>
<tr>
<td>SL NO</td>
<td>PROJECT NAME</td>
<td>CLIENT NAME</td>
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<tr>
<td>43</td>
<td>Supervising the primary health clinic in Yanbu, (King Abdul Aziz Medical City)</td>
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<tr>
<td>44</td>
<td>Supervising the Pathology and medical lab in Yanbu, Western Region (King Abdul Aziz Medical City)</td>
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<tr>
<td>45</td>
<td>Supervising the primary health clinic in Shareaa Makkah. (King Abdul Aziz Medical City)</td>
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<tr>
<td>46</td>
<td>Supervising the Toxicology center and oncology center in Jeddah.</td>
<td>National Guard Hospital Affairs Western Region</td>
</tr>
<tr>
<td>47</td>
<td>Supervising the Administration building and Blood Donor center in Jeddah.</td>
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<tr>
<td>48</td>
<td>Supervising the Imaging center in Yanbu.</td>
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<tr>
<td>49</td>
<td>Supervising the Pneumatic tube system for Main Hospital in Jeddah.</td>
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<tr>
<td>50</td>
<td>Supervising the New staff housing phase 1, 2, and 3 in Jeddah.</td>
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<tr>
<td>51</td>
<td>Supervising building on the rehabilitation of Taif primary Health Clinic firefighting system.</td>
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<tr>
<td>52</td>
<td>Supervising building on the rehabilitation of Jeddah Diabetic center.</td>
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</tbody>
</table>
ENGINEERING DESIGN

Design - it’s at the core essence of everything we do. The success rate of our projects is inherent in the care that we manifest in our realizations. Our professional teams are visionaries and result oriented individuals to their core, and their vision lies in the profound understanding of how the design of a project enhances the lifestyle of the people under their lens.

We are blessed with a reputation for an unmatched design to reflect on projects across a broad spectrum range and disciplines. We look into our projects from minute perspective to much larger engagement, or as a standalone design, our across the discipline approach strikes an upright balance between the needs of our clients, the result on the community, and the surrounding environs. We provide the following design services including:

- Architectural and Engineering Studies
- Concept Design
- Architectural

- Civil / Structural
- Electrical
- Mechanical
CONSTRUCTION MANAGEMENT

It is a vital phase in targeting the speculative anticipated accomplishments. Our engineers understand the complexities of the construction processes and guide our clients through the most critical phase of project development.

We maintain and document communication, manage schedules, ensure the quality assurance and quality control of materials, and assume total responsibilities for our clients.

In relevance of our services our clients have confidently accomplished quality and financial audits in order to secure funding and receive financial reimbursement for their projects. Our staff delivers the workmanship in the construction process that our designers do in creating some of the most fascinating infrastructure projects access a wide range of deliverables.

- Bid Coordination
- Bid Analysis
- Project Management
- Technical & Financial
- Approval of material & equipment
- Supervision
- QA & QC
- Quantity Survey
- Testing & commissioning
OUR EXPERTIES

Emergency Management
Fire Protection Design
Safety Management
Fire Detections & Alarm
FIRE AND SAFETY

We are among the limited offices which are licensed by the government bodies to adopt security and safety schemes.

REG guides our clientele on all aspects of fire safety management. REG has carried out fire safety management assignments in all the sectors of public and private domains from retail to residential, health care, sports stadia to leisure complexes, amusement parks and education to the NHS. We have a proven track record in implementing fire safety standards and procedures to provide a safe working environment across our varied projects base.

Firefighting strategies depend on pro-active fire management system. Our integrated approach provides building owners and managers with an assurance that all building’s fire strategy and consequential fire safety management is addressed and proactively managed with the advice and support of our highly experienced and qualified fire prevention and firefighting experts.

- We have a sizable team of experienced fire & life safety professionals in the Kingdom.
- Our experts have extensive background and understanding of all local requirements, including NFPA suite of codes.
OUR STRATEGY

To reach the best designs that would achieve or exceed the owner and beneficiary expectation through:

- Full knowledge in the safety requirements from the Gulf Cooperation Council Code (GCC Code) Saudi Building Code (SBC) and international codes and standards (National fire protection association).
- Full knowledge of all terms and procedure required by concerned authorizes such like (Civil defense department, Saudi Industrial Property Authority).
- Adequate study of the project costing, requirement, and objective.
- Develop appropriative designs without exaggerating the safety factor.
- Taking into consideration the beauty, environment, and flexibility.
- Follow-up to new versions and updates regarding specifications and instructions.
OUR SPECIALTIES

- Design all safety system based on local and international codes and standards.

- Design firefighting system (Water, Foam, Powder, Gas).

- Preparing technical reports.

- Design smoke management system.

- Design fire alarm system (Conventional, addressable).

- Design life safety drawings.

- Design emergency exits and evacuation plans.

- Safety system survey and audits.

- Reviewing safety designs to ensure compliance with the local and international codes and standards.

- Computerized hydraulic calculations for firefighting system and smoke management system.

- Conduct safety system checking and testing and handover to civil defense.

- Fire and safety supervision.
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<td>Powder ABE</td>
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<td>Powder BE</td>
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<td>Carbon Dioxide (CO₂)</td>
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<td>Fire Hose Reel</td>
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</table>

**Notes:**
- Limited advice on the extinguishers for the specific situation, but that it will have limited extinguishing capability.
- Class I: flaming solid materials, use only Class A extinguishers; Class B extinguishers for electrical equipment.
- Seek expert advice.

**Comments:**
- (Reference Appendix 6 of the NFPA 10-18)

**How to Use a Fire Extinguisher**

1. **PULL THE PIN** - Break seal and test extinguisher.
2. **AIM AT BASE OF FIRE** - Ensure you have a means of escape.
3. **SQUEEZE THE OPERATING HANDLE** - To operate extinguisher and discharge the agent.
4. **SWEEP FROM SIDE TO SIDE** - Completely extinguish the fire.
WHY FIRE & SAFETY

- It ensures fire safety is actively and effectively designed, managed, and implemented.
- Helps our clients understand the current standing in relation to fire safety and its project relevance.
- Confirms that the project satisfies the legal obligations and prevailing legal provisions.
- Identifies areas of risk and focused actions.
- Enables reviewing the relevance against clear and targeted fire safety standards.
- Reduces costs by reviewing performance and optimizing to the project needs.
- Demonstrates the commitment to fire safety norms.

KNOW YOUR FIRE EXTINGUISHERS - Types and Applications
SOME DESIGN REVIEW PROJECTS

<table>
<thead>
<tr>
<th>SL NO</th>
<th>PROJECT NAME</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>1</td>
<td>Ministry of Interior – South Border Housing</td>
<td>Jizan &amp; Najran</td>
</tr>
<tr>
<td>2</td>
<td>Hilton Garden In &amp; Double Tree KAFD</td>
<td>Riyadh</td>
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<tr>
<td>3</td>
<td>Ministry of Civil Service</td>
<td>Riyadh</td>
</tr>
<tr>
<td>4</td>
<td>IKEA - Commercial building</td>
<td>Al Kharji</td>
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<tr>
<td>5</td>
<td>IKEA - Commercial building</td>
<td>Al Qassim</td>
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<td>6</td>
<td>SMSA - FedEx</td>
<td>Riyadh</td>
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<tr>
<td>7</td>
<td>Al Qassim University - Education and Administrative Buildings</td>
<td>Al Qassim</td>
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<tr>
<td>8</td>
<td>Prince Sultan Philanthropy – Complex</td>
<td>Riyadh</td>
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<tr>
<td>9</td>
<td>Private commercial and Administrative building</td>
<td>Riyadh</td>
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<tr>
<td>10</td>
<td>Al Rabigh Steel Factory</td>
<td>Rabigh</td>
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<tr>
<td>11</td>
<td>Al-Maria Pipe Factory</td>
<td>Al Kharji</td>
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<tr>
<td>12</td>
<td>Middle East Paper Bags Factory</td>
<td>Riyadh</td>
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<tr>
<td>13</td>
<td>Top screen Factory</td>
<td>Riyadh</td>
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<tr>
<td>14</td>
<td>Majed Al-Rajhi Factory</td>
<td>Riyadh</td>
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### SOME DESIGN PROJECTS

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<tbody>
<tr>
<td>1</td>
<td>Recreational building - (Najeh Mostafa)</td>
<td>Riyadh</td>
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<tr>
<td>2</td>
<td>Al-Zahid Tractor (Administration Building)</td>
<td>Sulai</td>
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<tr>
<td>3</td>
<td>Al-Zahid Tractor (Thirty workshops)</td>
<td>Riyadh</td>
</tr>
<tr>
<td>4</td>
<td>Top screen Factory</td>
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### SOME SUPERVISION PROJECTS

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<tbody>
<tr>
<td>1</td>
<td>Saudi Arabian National Guard</td>
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<tr>
<td>2</td>
<td>National Water Company</td>
<td>Manfouha</td>
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<tr>
<td>3</td>
<td>Ministry of Finance</td>
<td>Riyadh</td>
</tr>
<tr>
<td>4</td>
<td>Ministry of Environment, Water &amp; Agriculture</td>
<td>Al Ghaz &amp; Al Rass</td>
</tr>
<tr>
<td>5</td>
<td>Ministry of Interior</td>
<td>Abha &amp; Al Qunfuchah</td>
</tr>
</tbody>
</table>
OUR EXPERTIES

Environmental Impact Assessment
Human Health Risk Assessment
Site Remediation & Reclamation
Ecological Services Systems
Environmental Approvals
WHY ENVIRONMENTAL

RAMZ is a Saudi-based environmental and engineering consulting firm dedicated to delivering projects that exceed client expectations, meet regulatory requirements and are environmentally sustainable. Ramz is committed to developing adaptive solutions that align to our client’s unique needs, within an ever-changing regulatory landscape. We strive for service quality excellence in any project we take on no matter how big or small, no matter in which geography. We endeavor to act quickly and offer the right set of skills and experience to deliver projects on time and within budget.

RAMZ’s Core business is to provide full environmental services with emphasis on EIA Studies, waste management, environmental engineering, site remediation, Waste Analysis, hazardous waste transportation, treatment and disposal, environmental monitoring equipment sales and maintenance, and other related environmental services.
OUR GUIDING PRINCIPLES

Our guiding principles help us to focus on customers needs; they provide the foundation for creating personable and long-term working relationships, and provide the basis for delivering projects that exceed customer expectations.

- We commit to being responsive to our clients needs
- We believe in providing proactive, competent advice
- We adapt solutions to address environmental challenges
- We offer timely, high-quality work at a fair price
- We value our people and invest in their future
- We show respect in how we conduct ourselves
- We are committed to health & safety
- We conduct business ethically
OUR VISION

To be the best option for investors in the petrochemical industries and all Chemical & all other plants, and be the main contributor to Growth & Environmental Protection in the Kingdom.

OUR MISSION

- To serve industries in Saudi Arabia with honesty and integrity.
- Improve Environmental Protection & Management Techniques.
- Maintain the quality standard as per PME and RC.
- Improve health and safety Program.
- Cost efficiency in operation.
ENVIRONMENTAL MANAGEMENT

Technology can and does create pollution. Fortunately, with skill and experience it can also be harnessed to control and abate the contamination of our environment.

RAMZ provides capabilities and services to deliver innovative solutions that balance wealth creation, regulatory controls, economics and the desired level of environmental quality.

Our expertise includes:

- Industrial and Hazardous waste disposal
- Hazardous waste transportation
- Environmental engineering, monitoring & consultancy
- Analytical testing
- Waste minimization

Services

- Environmental Impact Assessment
- Human Health Risk Assessment
- Ecological Risk Assessment
- Hydrogeological Services
- Site Remediation & Reclamation
- Environmental Approvals
- Numerical Modeling
- GIS & Data Management
- Ecological Services
ENVIRONMENTAL SITE ASSESSMENTS

RAMZ provides turnkey services for environmental site assessments across Saudi Arabia. We support clients in their efforts to better understand the risk of potential environmental liability associated with property transactions, and to provide technical guidance on remediation options when environmental impacts are discovered. Our procedures follow provincial-specific regulatory standards and support pre-financing and pre-insurance assessments.

PHASE I

UNDERSTAND your potential risk with a PHASE I Environmental Site Assessment. RAMZ has qualified personnel who are approved by regulatory agencies to conduct environmental site assessments and risk assessments. Our experts are focused on providing critical examinations of past-and-present property activities that provide a big-picture view of potential future liabilities. This information is vital for our clients, their lenders and insurers, as they move forward with their transactions.

- A report following applicable regulatory requirements documenting the facts
- Review of Federal, Provincial, Municipal and Local records out to distances as specified by the applicable regulations
- Review municipal and/or county planning files for historic use of property and surrounding lands
- Review historic aerial photography of the vicinity
- Examine geological and topographical maps to determine land type and drainage
- On-site visit to view present conditions, hazardous substances or petroleum products usage and evidence of any likely environmental hazardous site history
- Interview with persons with knowledge regarding the property (past owners, present owners, property managers, tenants, neighbors, etc.).
PHASE II
QUANTIFY your potential risk with a PHASE II Environmental Site Assessment (ESA). We take it to the next level with a full range of field investigations used to confirm the presence or absence of potential contaminants of concern. The purpose of a Phase II ESA is to check whether the site conditions are in compliance with environmental criteria, standards, and guidelines.

Our Phase II ESAs include:

- Collection of soil, groundwater, surface water, sediment samples and vapour samples as applicable.
- Laboratory chemical analysis of samples for contaminants of concern at accredited third party laboratories.
- Groundwater elevation surveying and establishing groundwater flow direction and velocities.
- Field and laboratory data interpretation and a data quality assurance/quality control review.
- Comparison of site-specific concentrations with regulatory criteria.
- Horizontal and vertical delineation of contaminated soils, groundwater, soil vapours, sediments.
- Preparation of a comprehensive factual report.
ECOLOGICAL RISK ASSESSMENT

Our work involves the application of established protocols to quantify potential risk to ecological receptors, including terrestrial and/or aquatic plants, invertebrates, birds, mammals, fish, reptiles and amphibians, on a site-specific basis. These estimates are then used to back-calculate target clean-up levels of contaminants tailored to the level of sensitivity of ecological receptors at the site.

- Supplemental investigation (to obtain data to fill data gaps, post-ESA work)
- Biological inventory
- Plant sampling
- Background sampling
- Delineation sampling
- Indoor air vapour sampling
- Human Health Risk Assessment
- Food-web modeling (exposure calculations and hazard/risk quotients)
- Risk-based site-specific target levels calculations (soils, sediments, groundwater)
- Contamination delineation
- Remedial options assessment

Site contamination can then be delineated on the basis of risk-based site-specific target levels. Depending on the sensitivity of site-specific receptors, this approach may result in reduced volumes of site media for clean-up, or may allow the selection of a risk-management approach rather than more intrusive measures.
SITE REMEDIATION

Expertise

- Evaluate contaminant attenuation and predict concentrations at receptors in risk assessments.
- Multi-phase recovery systems for the remediation of free product, contaminated groundwater, and soil gas.
- Soil vapour extraction systems for the remediation of fuel hydrocarbon contaminated soil and free product.
- Bioventing systems for the biological treatment of fuel hydrocarbon contaminated soils.
- Bioslurping systems for the extraction of free product.
- Forced-aeration and mechanically aerated biological treatment cells (biopiles).
- Chemical oxidation, surfactant flushing, and enzyme-based in-situ treatment of chlorinated and other organic compounds (beneath buildings and other structures).
- Stabilization and/or solidification of wastes in treatment facilities.
- Air sparging systems for the stripping and biological treatment of fuel hydrocarbons and chlorinated solvents.
- Dig-and-dump.
- Monitored Natural Attenuation.

Services

- Engineering design
- Permitting
- Remedial action planning
- Development of technical specifications and tender documents
- Pilot and bench scale testing
- Supervision, construction, operation and monitoring of remedial systems
- Project management
- Brownfield redevelopment support
SITE CERTIFICATIONS & ENVIRONMENTAL APPROVALS

Environmental approvals are often required by Federal, Provincial and Municipal regulations when developing, remediating or reclaiming lands. They help to measure and understand the adverse environmental, social, heritage and health effects that may occur during a project lifecycle.

RAMZ supports developers, industry and government agencies through each step of the process. Our offices across Canada are proficient at facilitating the complex process of site certification and environmental approvals. We have in-house experts who are appropriately qualified and accreditate to provide regulatory site certification and we have the technical know-how to carry out field studies that support approvals.

- Management of waste streams and discharges to the environment
- Release of contaminants (pollutants) into the air, onto land, or into water
- Storing, transporting or disposing of waste
- Land use changes
- Resource development
SECTORS

Government
We support government agencies in their efforts to develop and maintain public services in an environmentally sustainable manner.

Industrial
Our environmental site solutions help industrial clients address their environmental obligations with minimum impact to operational performance.

Manufacturing
We work with manufacturers to obtain environmental approvals that meet regulatory policies and abide by corporate environmental standards.

Mining
From environmental site assessments and permitting, to hydrogeological characterization and site reclamation, we help mines focus on their core business.

Oil & Gas
Our end-to-end solutions support upstream and downstream operations to achieve sustainable development and environmental performance.

Real Estate
From initial Phase I Environmental Site Assessments to turnkey solutions for brownfields reclamation, we offer a full range of cost-effective solutions.

Transportation
We understand environmental regulations across jurisdictions and develop the right solutions to mitigate impacts.

Land Development
Environmental site assessments and hydrogeologic services help our clients move forward with their land development projects.
### SOME OF OUR PROJECTS

<table>
<thead>
<tr>
<th>SL. NO</th>
<th>PROJECT NAME</th>
<th>CLIENT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Environmental Impact Assessment Studies</td>
<td>Fattening Sheep Farm</td>
</tr>
<tr>
<td>2</td>
<td>Environmental Impact Assessment Studies</td>
<td>Riyadh factory</td>
</tr>
<tr>
<td>3</td>
<td>Environmental Impact Assessment Studies</td>
<td>Al Hazmi &amp; Sons Paints Factory co. Ltd</td>
</tr>
<tr>
<td>4</td>
<td>Environmental Impact Assessment Studies</td>
<td>Masterpiece stone lab</td>
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<tr>
<td>5</td>
<td>Environmental Impact Assessment Studies</td>
<td>Alinma iron factory</td>
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<td>6</td>
<td>Environmental Impact Assessment Studies</td>
<td>Maskob Water Factory</td>
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<tr>
<td>7</td>
<td>Environmental Impact Assessment Studies</td>
<td>Al Rowad Glass Factory</td>
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<td>8</td>
<td>Environmental Impact Assessment Studies</td>
<td>Al Rowad Aluminum Factory</td>
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<tr>
<td>9</td>
<td>Environmental Impact Assessment Studies</td>
<td>Cow farm Sugar</td>
</tr>
<tr>
<td>10</td>
<td>Environmental Impact Assessment Studies</td>
<td>Glass and Aluminum Factory</td>
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</tbody>
</table>
The Environmental Impact Assessment (EIA) Process

1. Environment and Social Baseline Studies
2. Project Description and EIA Terms of Reference
3. EIA Studies and Impact Analysis
4. Management and Monitoring Plans
5. Government Review of EIA
6. Government Decision on EIA

Stakeholder Engagement

Environment

We must all work together in order to save the environment and the world that we live in from further change.
## Some of Our Projects

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>11</td>
<td>Environmental Impact Assessment Studies</td>
<td>Haley Furniture Factory</td>
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<tr>
<td>12</td>
<td>Environmental Impact Assessment Studies</td>
<td>KRNF Factory of Chemical Products</td>
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<td>13</td>
<td>Environmental Impact Assessment Studies</td>
<td>Maan Hamad Al Jasser &amp; Partners Co</td>
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<td>Environmental Impact Assessment Studies</td>
<td>Albulk Automated Factory</td>
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<td>Environmental Impact Assessment Studies</td>
<td>Poultry Farm Carnivorous</td>
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<td>17</td>
<td>Environmental Impact Assessment Studies</td>
<td>Farm Areej Al Shaer</td>
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<td>Environmental Impact Assessment Studies</td>
<td>Manie Mohammad Zafer Tohamy Aluminium Factory</td>
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<td>19</td>
<td>Environmental Impact Assessment Studies</td>
<td>Al Moltaga for Fuel Station</td>
</tr>
<tr>
<td>20</td>
<td>Environmental Impact Assessment Studies</td>
<td>Dalla Factory of Water and Juices</td>
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</tbody>
</table>
المملكة العربية السعودية
الرئاسة العامة للإرصاد وحماية البيئة
الإدارة العامة للتأهيل والتخطيط والتنقيح البيئي

شهادة تأهيل بيئي
رقم المنحة: 311
رقم الشهادة: 2911
تاريخ: 1/7/1439

تتمحضاً مع المادة 33 من النظام الأساسي لحكم الصادر بالأمر الملكي الكريم رقم /10 و تاريخ 8/12/1412 هـ، وبناءً على المادة الثانية و الارتباطية والخاصة من النظام العام
للبيئة الصادر بالرسوم الملكي الكريم رقم (م/24) بتاريخ 7/7/1412 هـ، وبعد الإطلاع على البيانات المرتبطة في نشرة طلب التأهيل للعمل في مجال الخدمات البيئية، والمعلومات
المقدمة من مصدر الطلب.

إذا فإن الرئيس العام للأرصاد وحماية البيئة بموجب الصلاحيات الممنوحة له نظراً يوافق على ميق:

مقدم طلب هذه الشهادة للنظرية في الموقع المحدد له، مع مراعاة الوضع والتحقيقات المبهرة من الجهات الأخرى ذات العلاقة بالإرثاء والالتزام بالإرشادات والالتزامات البيئية
الموضحة في هذه الشهادة. ينهي العمل بهذه الشهادة بعد سنتين من تاريخها، ويتم التحديث بناء على الظروف البدنية لكل سنة آتية.

الرئيس العام للأرصاد وحماية البيئة
د. عبد العزيز بن عمر الجاسر

الخطم

مstamp PME
شواهد تسجيل فرع مؤسسة

وزارة التجارة والصناعة
Ministry of Commerce and Industry

الرقم: 10337696
التاريخ: 16/3/2019

اسم المؤسسة: مساعداء على خدمتي الغرام
رقم السجل المدني: 1325
الجهة: سودانية
تاريخ الميلاد: 1430/2/1
مصدر: الرياض
المركز: الرياض
العنوان: طريق الملك عبدالعزيز
الرقم: 143260
ال📞: 0555556767
الfax: 00000000

المؤسسات الهندسية

المسمى: الاستشارات الهندسية
العنوان: الرياض
التاريخ: 20/10/12
ال📞: 0555556767
fax: 00000000

رقم السجل المدني - الإقامة: 143260
رقم الاستشراطة: 143260

بموجب ترخيص إدارة المهمات رقم 1234 وتاريخ 1/3/1326
بموجب مخاطب الرئاسة

رغم الخمسة أو عشيرون ألف ريال فقط لا غير

المدير أو الوكيل المفوض: عبد الله على خدمتي الغرام
الرقم: 1430/1/2
الجهة: سوداني
تاريخ الميلاد: 143260
المصدر: الرياض

بموجب الإials رقم 143260/1/2 وتاريخ 1/3/1326

مدير السجل التجاري: مساعداء على خدمتي الغرام

التوقيع: 

يمكنك التحقق من صحة الشهادة بالدخول على

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OUR CLIENTS
SECTORS

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- Health Care
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