

مكامن
Makamin



COMPANY PROFILE





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1. COMPANY INFORMATION

1.1. INTRODUCTION

Saudi Makamin Oil & Gas Services was established in May 24th, 2008 with a capital of SAR 1.2 billion. It has a diversified shareholders base consist of fifty-nine (59) shareholders.

Makamin is an integrated Oil & Gas service Company, participating in Upstream Turnkey projects, investing in technology, building a mutual value added partnerships and becoming a pioneer in the Oil & Gas services sector. In addition, **Makamin** is preserving and promoting its name, brand and identity as a Saudi professional and world-class organization.

Since inception, **Makamin** has worked with various respected entities to conduct thorough market analysis and due diligences to guarantee having a solid foundation in order to efficiently accomplish its ambitions.

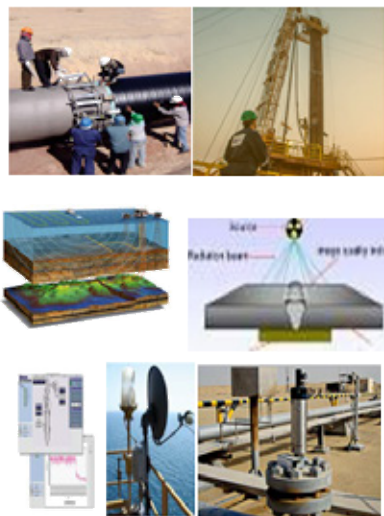
Moreover, **Makamin** has continued the aggressive effort to develop the company's market intelligence and knowledge through strengthening the company's network, increasing meetings with various clients, conducting market research, development and analysis of various data that is available to the company.

Makamin is promoting and adhering to Health, Safety, and Environment standards and persistently enhancing awareness among all employees to ensure safe working atmosphere and to associate the company's name with HSE excellence.

Makamin is becoming a leader in "localization" by aggressively recruiting and training Nationals specifically in key technical positions and has developed a relationship with local technical institutes and colleges and continuously developing and training the managerial and admin staff to meet the daily challenges, standout among peers, and to be professional and up to date with industry trends.

Primary Field of Business:

- Pipeline & Industrial Services
- Drilling Services
- Geoscience Services
- Industrial Inspection Services
- ZENCUS Services





Mission, Vision, and Values

Vision:

- To be a leader in Oil and Gas Services for National and International companies with full responsibilities, high standards of work ethics and profitability for shareholders.

Mission:

- To achieve our objectives by providing Oil and Gas Services, in a cost effective manner, implementing new technology, adopting progressive & best business practices, maximizing best services for our client and profitability to shareholders.

Objectives:

- Preserve and promote **Makamin** name, brand and identity as a Saudi professional and world-class organization.
- Continue the aggressive effort for developing the company's market intelligence and knowledge through strengthening the company's network, increasing meetings with clients, market research and development and analysis of various data that is available to the company.
- Maintain the company strong position as reliable long-term player in the market and gain the confidence of all stakeholders.
- Insure solid and within industry standards profitability rate to reward investors, to be able to penetrate new markets, to develop new services, and to reward and retain employees.
- Enforce, Promote, and adhere to Health, Safety, and Environment standards and enhance awareness among all employees to ensure safe working atmosphere and to associate the company's name with safety.
- Promote the company's name and brand regionally and internationally through attending conferences, workshops and exhibitions and developing a strong International networks.
- Participate in local and regional exhibitions to assure the company's presence and availability and to showcase the company's services and various business lines and projects.
- Focus on Public and Media Relations through actively publishing company news, events, and activities and by updating the company's website and other promotional material.
- Become a leader in "Saudization" by aggressively recruiting and training Saudi Nationals specifically in key technical positions and develop a relationship with local technical institutes and colleges.
- Continuously develop and train the managerial and admin staff to meet the daily challenges, standout among peers, and to be professional and up to date with industry trends.
- Provide Oil and Gas services in a cost effective manner and implementing new technology.



1.3. GOALS AND VALUES

Goals

Customers:

- Fully understand and exceed our customers' requirements and preferences and provide greater value to our customers than our competition.
- Our main goal is to achieve customers' satisfaction; we respect all customer needs and requirements.

Productivity and Quality:

- Implement initiatives across our business segments to achieve best-in-class operating practices and leverage company-wide opportunities.

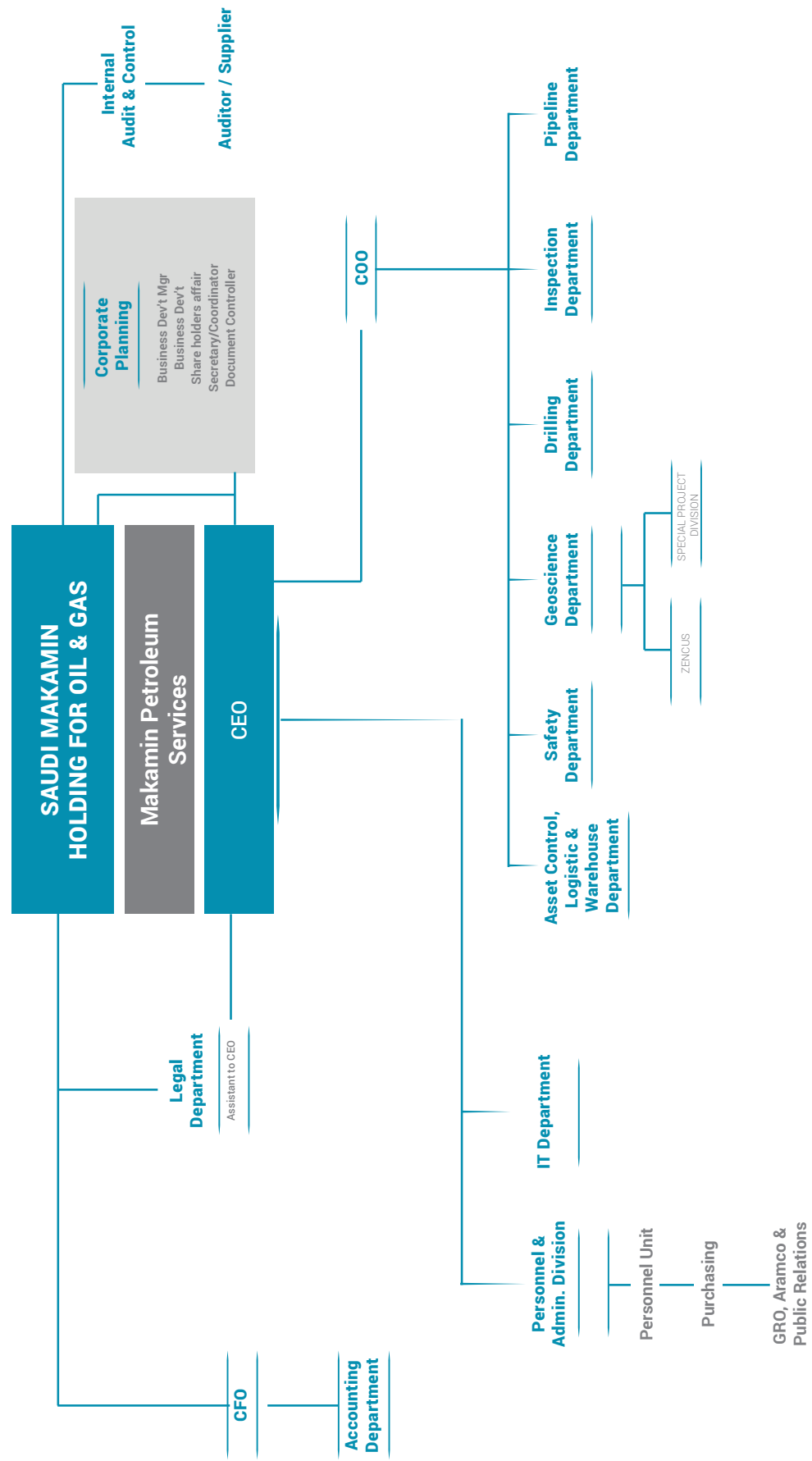
People

- Attract, retain and develop, at every level of the company, people who represent the highest standards of excellence and integrity.
- We put the right person in the right place.
- Developing our employees is continuously; our development system is passed on performance development system that indicates the strengths and weaknesses in every employee performance.
- We believe that our employees are able to carry out our strategies and goals; because of that we respect our employee's needs.

Values

- High Quality
- Sustain Development
- Customer Oriented
- Social commitment
- Our people

1.5.MAKAMIN ORGANIZATIONAL CHART



1.6.MAJOR PROJECTS DONE & COMPLETED



Major Projects with Saudi ARAMCO

- Pipeline Tie-in and Installation Projects
- Pipeline Replacement & Water Injection Projects
- Construction of Wellhead Guard Rails, Platforms & Perimeter Fences
- Installation of Water Injection Centrifugal Pumps
- Installation of Multiphase Flow Meters (MPFM)
- Permanent Downhole System (PDHMS) and E&I Installation Projects
- Replacement and Installation of RTR Lines
- Strip out & Re-manifold of Water & Oil Wells
- Installation of Low Pressure Production System at GOSP
- Pipeline Rehabilitation, Repair & Reconditioning Projects
- Upgrading of Corrosion Inhibitor Skid Projects
- Drilling of Water Well Projects
- Corrosion Coupon Inspection and Monitoring
- Inspection of MFL TAN G-80 D-16 Crude Tank Bottom Plates
- Magnetic Flux Leakage Tank Floor Scanning Projects

Major Projects with SWCC

- Installation & Provision of Lighting & Power Supply with Associated Piping

Major Projects with Technimont / Al-Waha, Jubail, KSA

- RTR Pipe Installation PDH-PP of Al-Waha Plant Cooling System

Major Projects with National Water Company (NWC)

- Drilling of Al-WASIA Wells, NWC, Riyadh, KSA

Major Projects with MMG

- Hook up, Upgrade, Modification and Commissioning Support for MMG Offshore Projects
- Tri-ethyl Aluminum (TEA) Plant, Non Destructive Works

Major Projects with Al-Zamil Steel

- Perform NDT Services – RT, UT, MT and PT
- Perform Radiographic Test, Al-Zamil Jeddah

Major Projects with PETROJET

- Inspection Services on Welded Joints - RT, UT, MT and PT

Major Projects with Saudi Binladen Group

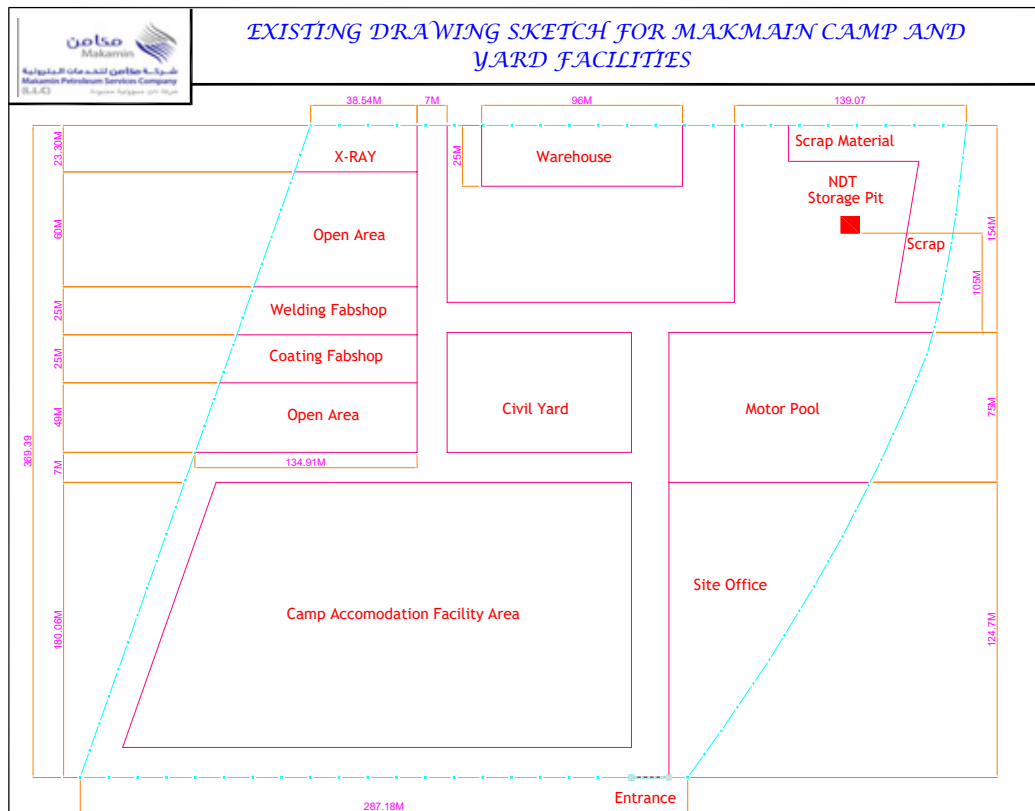
- Mechanical Testing Works - RT, HT, MPI, DPI, UT Shear Wave, UT Thickness & PMI

1.7. WORKSHOP / CAMP LOCATIONS

MAKAMIN OYUN CAMP DIRECTIONAL MAP



MAKAMIN OYUN CAMP





2. MAKAMIN DEPARTMENTS / OPERATION & SERVICES

2.1. PIPELINE & INDUSTRIAL SERVICES

The Pipeline & Industrial Services Department are capable to provide vertically integrated activities for oil, gas and water pipelines; including light & heavy fabrication works, utility & facility installations, well site preparations, construction of right of ways, compaction, leveling and fencing works. The Company has skilled and qualified workforce to accomplish its activities along with the necessary resources. Whereas the Department has the capability to carry out Lump Sum Turnkey (LSTK) / Lump Sum Procure & Build (LSPB); Engineering, Procurement and Construction (EPC) contracts for niche pipeline projects and various specialized jobs such as Permanent Down Hole Monitoring Systems (PDHMS); Multi Phase Flow Meter (MPFM), Centrifugal Pumps, Low Pressure Production System (LPPS) installations. From 2009 and onwards, Pipeline & Industrial Department was able to secure several long & mid form contracts from Saudi ARAMCO & Al-Khafji Joint Operations.

2.1.1 Distinctive Features

- Capability to undertake LSTK, LSPB, EPC contracts for niche pipeline projects
- Capability on undertaking various specialized jobs such as PDHMS, MPFM, LPPS installation and installation of Water Injection Centrifugal Pumps
- Capable to obtain pipeline replacement & reconditioning Jobs
- Accepts Maintenance Works such as Stripping out & Re-manifolding of Oil & water wells
- Adopts strict HSE and QA/QC programs
- Diversified to include Cathodic Protection & Corrosion Services
- Pioneer in RTR installations as replacement of carbon steel pipes for oil & water piping installations

2.1.2 PISD Track Records

SN	Contract No.	List of Project Executed / Contract Title	Nature of Work / Brief Work Description	Name of Client	Remarks
01	6510366558	Tie-in UTMN 1395 & 1396 to UTMN GOSP-4 and UTMN 1695 to UTMN GOSP-9 w/ SSD Fence	Construction & installation of UTMN -1395, 8" diameter Underground Flowline approximately 1,000 meters long; Construction & installation of UTMN-1396, 8" diameter Underground Flowline approximately 1,300 meters long and Construction & installation of UTMN-1695, 8" diameter Underground Flowline approximately 200 meters long; associated with Perimeter Fence each wells.	Saudi ARAMCO	Completed
02	6510378868	Tie-in Qatif 516 & 517 PWI; 12" New PWI Header & Extension with E&I	Install U/G Flank Extension line, 6" x 0.625" WT x 1.8 KM. long; internally and externally FBE coated by Positive Seal Coupling; 12" Header Piping approx. 110 meters internally FBE coated above ground; Installation of well head piping & accessories Qatif 516 & 517, consisting of 6" x 0.375 WT. internally FBE coated approx. 200 meters; install all Electrical & Instrumentations for each well head.	Saudi ARAMCO	Completed

03	HD036PC11	Installation of 8" GRE Line from WTF2- to Disposal Wells RKH- 10 & 9	Install GRE 8» Line from WTF2- to Disposal Wells RKH- 10& 9 approximately 3,350 meters underground Line. EPC project with installation of E&I monitoring system each wells.	KHAFJI Joint Operations (KJO)	Completed
04	6510386158	Replacement of UTMN& 415 ,266- 463 Water Injection	Replace / Install UTMN463 ,415 ,226- Water Injection 12" Header and install UTMN 415 and 576 SWD lateral line @ UTMN GOSP12-. Contractor shall provide all labor, tools, equipment transportation and supervision required to perform and complete the construction and replacement of this facility using Positive Seal Coupling and associated works as per scope.	Saudi ARAMCO	Completed
05	6510412870	Tie-in Qatif548- @ P3- & Qatif397- @ P23- & Upgrading of six (6) Corrosion Skids with E&I	The installation of Water Injection (WI) system for Water Injection Well Qatif548- at Wellsite P3- including 10» Wellsite Header, 6» Flowline, Wellhead Piping and the underground 10» lateral from the 12» Injection Flank 2# to Wellsite P3- shall be %100 internally FBE coated and to be connected by Positive Seal Coupling.	Saudi ARAMCO	Completed
06	6600024824	Replacement of Carbon Steel F/L w/ Reinforced Thermosetting Resin (RTR) at six (6) locations	Replace the Existing Carbon steel flowlines with Reinforced Thermosetting Resin (RTR) @ five (5) wells sites in ABQAIQ and one (1) well site in AINDAR GOSP6-. Replace CS F/L and install underground Crude oil RTR line 6"Ø for Abqaiq Wells 107 ,316 ,202 and ANDR Well 214 and 8"Ø for Abqaiq Wells 242 and 266.	Saudi ARAMCO	Completed
07	6600024944	QUU1 and 2 Rehabilitation; Phase III – 60"Ø Sea Water Pipeline	Pipeline reconditioning of 60" QUU1- with a total length of approximately 10 KM, from KM 40 to 44 and 60" QUU2- from KM 42 to KM 48 at Qurayah Sea Water Plant (QWSP) towards Uthmaniyah Water Supply Station (UWSS). This work shall include but not limited to, survey and identify the reconditioning sections; doze/remove the sand cover on the top of pipe and excavate all around the pipe for carrying out the reconditioning; dewater the excavated trench if required to ensure proper working area; remove existing tape wrap coating, blast clean the pipe surface with garnet grit, and clean the pipe for inspection; After inspection by SA, repair the section by weld overlay or by installing pressure containing sleeves, including welding and testing on locations specified by Proponent. Install "STOPAQ" tape wrap on pipe surface; provision of berm; restore camel & road crossings; repair existing ROW; disconnection & Re-connection of the CP System; provide/install test stations & KM markers; and dispose all debris & excess materials to approved SA disposal sites.	Saudi ARAMCO	Completed
08	6510488524	Tie-in HRDH,500- 736 & 507 F/L	Construct & install: Haradh8 - 500-" U/G F/L around 4,420 M; Haradh507-around 3,670 M & Haradh736- around 5,110 M with total length of around 13200 M with standard ARAMCO wellheads and tie-ins accessories.	Saudi ARAMCO	Completed
09	6510500152	Installation of Four (4) Water Injection Centrifugal Pumps at Abqaiq Area	Install four each water injection centrifugal pumps, required piping, mechanical, welding, civil, electrical, instrumentation & communication works with all wellhead & pump accessories. These include all test, pre-commissioning, commissioning & acceptance of the system.	Saudi ARAMCO	Completed

10	6510511826	Re-route of UTMN272- Tr/L & Replacement of UTMN& 419 ,189-420 SWD Header	Re-route of Uthmaniyah272- TR/L and Replacement of utmn189,419- and 420 swd header (u8 = 272-» x 200m; u420- hdr = 6» x 750 10 &» x 2150; total length = 3100 m) PSC joint type	Saudi ARAMCO	Completed
11	6510525741	Installation of Multiphase Flow Meter (MPFM) @ Shedgum GOSP ,1 6 & 4	Install Multi-Phase Flow Meters with data logger units to measure the flow of 3 phase parameters (oil, gas & water) and accessories for each Shed gum GOSP 6 & 4 ,1. The works include but not limited to all installation, test, pre-commissioning & commissioning of the system.	Saudi ARAMCO	Completed
12	6510542782	Installation of One (1) Centrifugal Pump with All the Associated Piping for ABQQ,161 ,601 ,254-936 & 455	Install one each water injection centrifugal pump, with all associated piping, mechanical, welding, civil, electrical, instrumentation & communication works and accessories for ABQQ,601 ,254-936 & 455 ,161 . These include all test, pre-commissioning, commissioning & acceptance of the system.	Saudi ARAMCO	Completed
13	6510560769	Low Pressure Production System @ Abqaiq GOSP- 2	Install two each Multi-Phase Flow Meter, with all associated low pressure piping, mechanical, welding, civil, electrical & instrumentation works and accessories inside Abqaiq GOSP- 2 Plant . These include all test, ESD and DCS configurations, pre-commissioning, commissioning & acceptance of the system.	Saudi ARAMCO	Completed
14	6510582008	Tie-in ANDR349-, Replacement of CS Flow Line with 6"Ø GRE Line	Construction, installation & Tie-in of Aindar349-, Replacement of carbon steel Flow line with 6»Ø GRE Line. Total length is around 900 meters long.	Saudi ARAMCO	Completed
15	6510584011	Lateral (RIS-D) 6"Ø RTR Replacement of six (6) Corroded Lines @ Ghina,07-59 & 40 ,33 ,30	Construction, installation & tie-in of 6 Lateral (RIS-D); 6»Ø RTR replacement of corroded lines @ Ghina Wells 59 & 40 ,33 ,30 ,07. Ghina07- is around 878m; Ghina30- is around 265m; Ghina33- is equal to 896m long; Ghina40- is around 528m and Ghina59- is 500m; with total length of 3070 m.	Saudi ARAMCO	Completed
16	6510584016	Trunk Line Replacement @ HWYH ,137 ,55 ,44 & 250 ,243 ,266 292 Trunk Line & Manifold	Construction, installation, replacement & demolition works of HWYH ,266 ,137 ,55 ,44 292 & 250 ,243 Trunk line & Manifold. 10» Ø underground Trunk line 44 at about 4,800 meters long. Construction, installation, replacement & demolition works of Hawiyah 55 Trunk line; 12»Ø above ground CS line, around 4,000 meters long. Total length of the project is approximately 8,800 meters.	Saudi ARAMCO	Completed
17	L-AGC-SRAC390-0 Rev. 01	AGC - TECHNIMONT SUB-CONTRACT RTR PIPE INSTALLATION PDH-PP @ AL-WAHA , JUBAIL	Installation RTR Sea Water (cooling water) Piping underground and aboveground at Al Waha PDH – PP Project, SAHARA Petrochemical Co. LTD., Jubail Industrial Area, Saudi Arabia. The Project activities will be implemented as per BOQ. Sub-contractor will provide all necessary equipment and personnel, food, accommodations and transportation for its personnel to complete the job within the specified project contract duration. The installation of 60"Ø cooling water RTR line includes the excavation, dewatering and compaction of trench, laying of RTR pipes, connecting & laminating of coupling and joints, full tightening of flange joints, fabrication of concrete thrust blocks, hydrotesting of the lines, backfilling of underground RTR Pipe portions and coating of above ground portion of RTR pipes.	SABIC TECHNIMONT I DAELIM	Completed

18	6510596704	Tie-in Qatif679- PWI Well	Construction, installation & tie-in Qatif679- PWI Well, associated with civil, mechanical, electrical & instrumentation works. Qatif679- is 6»Ø by 200 meters long, internally FBE Coated pipe with Extension Header of 10»Ø by 50 meters long, internally FBE coated; positive seal coupling connections. This also includes various electrical and instrumentation works for well head monitoring system.	Saudi ARAMCO	Completed
19	6510609753	Tie-in Layla01- F/L & TR/L with E&I Fencing, MPFM & RTU/SCADA	Construction, installation & tie-in of Llayl1- F/L & Trunk Line with E & I, Fencing, Multi-Phase Flow Meter & RTU/SCADA interface to existing system. Line is 6»Ø and 12,000 meters long underground CS Line, internally coated.	Saudi ARAMCO	Completed
20	6510614913	Header Trunk Line Replacements & Surface Equipment @ UTMN Wells	The works include but not limited to: construction, installation and replacement of 10" UTMN,122-158 underground Trunk Line to UTMN GOSP10-; construction, installation of 12" UTMN above ground Trunk line Header at UTMN GOSP 12; Trunk Line replacement of UTMN 16" UTMN244-underground line; Install UTMN Well 1744 PDHMS, E&I; Installation of well head fencing & drain pit fencing of UTMN 1744.	Saudi ARAMCO	Completed
21	6510619663	Strip-out & Re-manifold of 50 EA SGPD Oil/Water Disposal Wells	The works include but not limited to: Stripping-out; painting, welding, pipe replacing, hydrotesting cold cutting and re-manifolding of well head spools for fifty (50) each wells at Uthmaniyah, Haradh and Mubarraz oil & water wells.	Saudi ARAMCO	Completed
22	6510651064	UMJF 37 & 18 F/L RTR Replacement	The works include but not limited to: Installation of new CS Wellhead & tie-in spools, construct ROW, demolish & replace existing CS line to 4"Ø RTR underground line of Umjurf37 & 18- flowline. Umjurf18- is approximately 1,520 meters and Umjurf37- is approximately 900 meters long with total length of about 2,420 meters.	Saudi ARAMCO	
23	6510657690	Haradh East & West Header Replacement @ HAWIP	Replacement, Construction & Installation of Haradh East & West Header at HAWIP; 16»Ø diameter with a total length of 12,300 M; INT. FBE COATED. This includes demolition and transportation of existing pipes at ARAMCO's designated area.	Saudi ARAMCO	Completed
24	6510663178	Tie-in HRDH246-	Construction and installation of HRDH8 ;246-»Ø with total length of 3,800 Meters U/G oil flow line complete w/ well head accessories; Wellhead & Drain pit fences, PDHMS & E&I installations.	Saudi ARAMCO	Completed

2.1.3 PISD Potencies

Set up to undertake major pipeline projects primarily in Saudi Arabia and for Saudi ARAMCO and SABIC. A long history of similar works has been inherited from the merger of SRA Petroleum Services giving access to both resources & know-how particular to the pipeline construction industry based primary in Dammam, Kingdom of Saudi Arabia. All aspects of Industrial Services and pipeline construction can be undertaken and include civil, Electro- mechanical and all related works. Pipelines include cross country trunk lines and flow lines together with water injection and transmission lines. MPS continues expanding their resources and contract responsibilities beyond the pipeline.

Piping & Industrial Services core competencies rest in its ability to handle multidiscipline construction works such as:

- Mechanical & Piping Jobs
- Electrical & Instrumentation Works
- Civil & Architectural Works
- Light & Heavy Steel Welding, Fabrication & Erection Jobs



MECHANICAL WORKS / HIGH PRESSURE RTR LINE AT TIE-IN CONNECTIONS



MECHANICAL WORKS / HIGH PRESSURE RTR LINE & TIE-IN INSTALLATIONS



MECHANICAL WORKS / PIPELINE RECONDITIONING



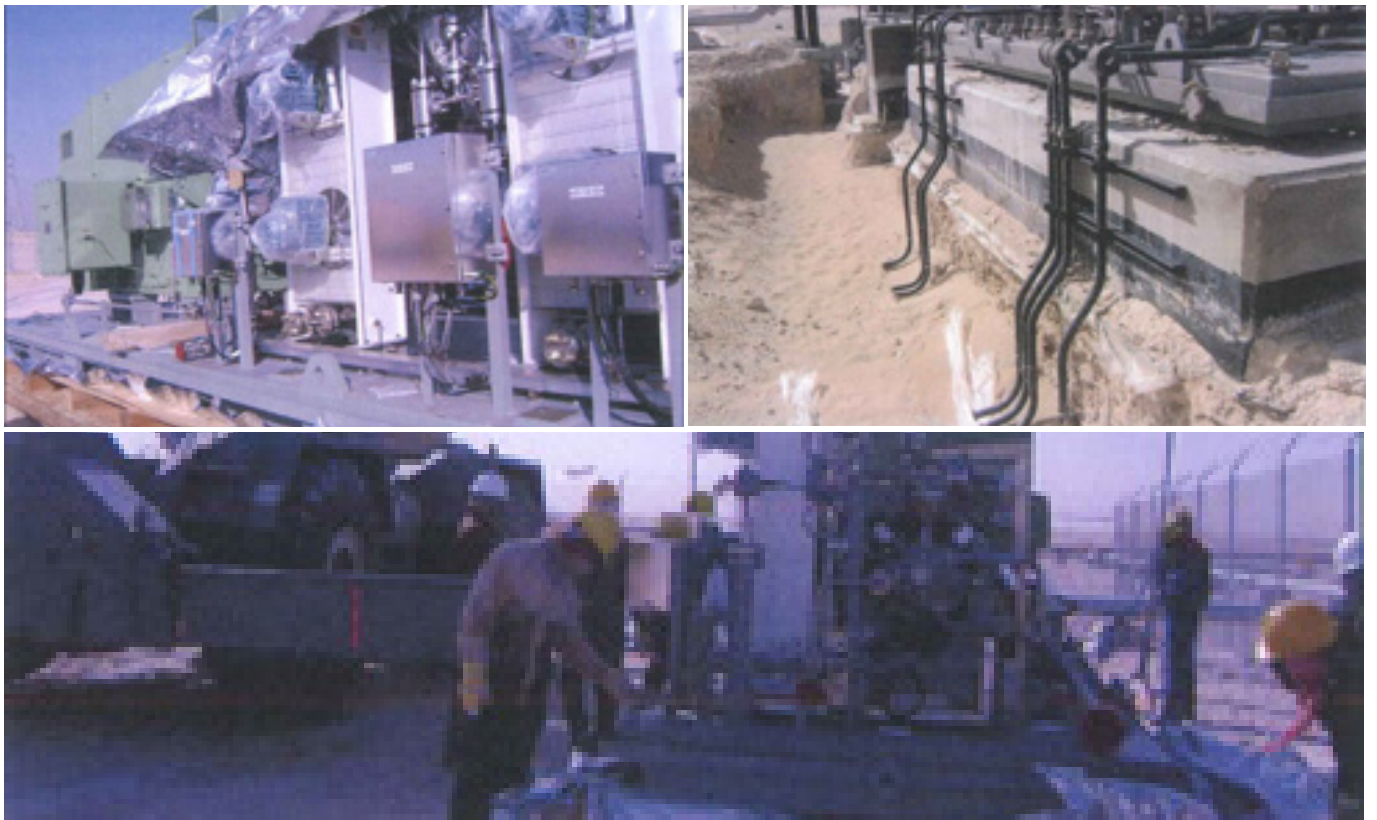
MECHANICAL WORKS / PIPELINE RECONDITIONING



CIVIL WORKS / FOUNDATION OF WATER INJECTION CENTRIFUGAL PUMP









2.2. DRILLING SERVICES

Drilling Services Department provides workover, deep water drilling and top holes services to its clients. It has Five (5) Rigs with capacities of 300 and 750 horse power ("HP"), with best technologies either with coring system or air reverse circulation upon approval. Makamin Petroleum Services Company, Drilling Services Department is a major contractor of Saudi ARAMCO.

The company is currently drilling water wells, but eventually plans to expand its services to the oil drilling segment. The Company also envisions aligning its real time well monitoring services to its drilling services to enhance the value addition to the client. Moreover, this DEPARTMENT provides Geo Technical & Mining Support Services, Micro seismic Drilling Services, and Vertical Seismic Profiling (VSP) Drilling Services. Additional provided services, such as Oil Wells Workover, Shallow Water Wells Drilling, Water Wells Re-Habitation, Soil Testing, Pile Drilling, Auger Drilling, Reverse Circulation Drilling, Core Drilling (Mud or Air) and Seismic Purposes Drilling. The Company is also focused towards the quality of work and follows high standards on health and safety of personnel. Makamin was awarded various drilling contract primarily by Saudi ARAMCO.

In addition, Drilling Services Department has available rigs that have drilling capacity of more than 6500 feet, with racking capacity of more than 10,000 feet. The rigs are fully equipped with high standards accessories. Highly qualified and experienced personnel, who have achieved high safety standards and professionalism, run and operate the drilling operation. Quality and safety remains as standard policies, providing innovative drilling services to meet the requirements and expectations of the customers by implementing effective work procedures and practices and maintaining an integrated quality and safety management systems that comply with international standards. Human resources are the most important asset in the company. The safety of the personnel, providing them with safe and healthy working environment, is a top priority.

2.2.1 Distinctive Features

- Ability to provide the drilling need for various industries such as Civil, Agriculture, Oil & Gas, and Mining Fields
- Brand new fleet of rigs that meets International Standards & tough Aramco requirements
- Distinguished by implementing strict HSE Policies & Procedures
- Applies latest technologies in real time drilling operations monitoring remotely, which has been tested by Saudi ARAMCO
- Portable rigs for fast mobilization and movement

2.2.2 DSD Track Records

P.O. Number	Client Name	Well Description	Well Depth	Started	Completed	Remarks
6510274335	Saudi ARAMCO	LIDAM 801	1600	1-Oct-07	19-Nov-07	Completed
6510274335	Saudi ARAMCO	LIDAM 802	1600	20-Nov-07	2-Dec-07	Completed
6510303758	Saudi ARAMCO	UMAMR 801	3200	15-Feb-08	16-Mar-08	Completed
6510303758	Saudi ARAMCO	UMAMR 802	3200	19-Mar-08	15-Apr-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 820	1730	12-Jul-08	21-Jul-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 819	1700	11-Aug-09	20-Aug-09	Completed
6510303758	Saudi ARAMCO	ABUJFN 829	1700	6-Sep-08	16-Sep-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 831	1700	5-Oct-08	12-Oct-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 832	1700	15-Oct-08	22-Oct-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 822	1600	25-Jul-08	4-Aug-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 824	1700	23-Sep-08	2-Oct-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 833	1700	7-Nov-08	14-Nov-08	Completed
6510303758	Saudi ARAMCO	ABUJFN 834	700 1	28-Oct-08	4-Nov-08	Completed
6510303758	Saudi ARAMCO	MZLG 833	700 1	25-Aug-08	31-Aug-08	Completed
6510303758	Saudi ARAMCO	MZLG 828	1900	30-May-08	8-Jun-08	Completed
6510350791	Saudi ARAMCO	MZLG -835	1850	20-Dec-08	28-Dec-08	Completed
6510350791	Saudi ARAMCO	ABJF-830	1700	17-Jan-09	24-Jan-09	Completed
6510350791	Saudi ARAMCO	ABJF-836	700 1	28-Jan-09	3-Feb-09	Completed
6510350791	Saudi ARAMCO	ABJF837	680 1	7-Feb-09	13-Feb-09	Completed
6510350791	Saudi ARAMCO	ABJF-840	700 1	15-Feb-09	22-Feb-09	Completed
6510350791	Saudi ARAMCO	ABJF-838	700 1	28-Feb-09	5-Mar-09	Completed
6510350791	Saudi ARAMCO	ABJF-841	1720	8-Mar-09	14-Mar-09	Completed
6510350791	Saudi ARAMCO	SDGM-984	1420	22-Mar-09	2-Apr-09	Completed
6510350791	Saudi ARAMCO	SNMN-801	5950	23-Apr-09	29-Jun-09	Completed
6510350791	Saudi ARAMCO	SNMN-802	5800	7-Jul-09	27-Aug-09	Completed
6510372480	Saudi ARAMCO	USFR-801	1280	11-Sep-09	30-Sep-09	Completed
6510372480	Saudi ARAMCO	USFR-802	1280	5-Oct-09	16-Oct-09	Completed
6510372480	Saudi ARAMCO	UYRS-802	800	23-Oct-09	31-Oct-09	Completed
6510372480	Saudi ARAMCO	UYRS-801	800	1-Nov-09	8-Nov-09	Completed
6510372480	Saudi ARAMCO	AHDB-801	1700	11-Nov-09	30-Nov-09	Completed
6510372480	Saudi ARAMCO	AHDB-802	2400	10-Dec-09	25-Dec-09	Completed
6510410895	Saudi ARAMCO	Naam-801	3915	2-Mar-10	24-Mar-10	Completed
6600024582	Saudi ARAMCO	FRYD-804	100 1	9-Jul-10	15-Jul-10	Completed
6600024582	Saudi ARAMCO	AWFD-801	1900	18-Aug-10	4-Sep-10	Completed
6600024582	Saudi ARAMCO	AWFD-802	1900	20-Sep-10	1-Oct-10	Completed
6600024582	Saudi ARAMCO	JLMD-805	2500	3-Oct-10	11-Oct-10	Completed
6600024582	Saudi ARAMCO	JLMD-808	2500	17-Oct-10	25-Oct-10	Completed

2.2.3 DSD Potencies

Drilling Services Division (DSD) uses highly equipped and sufficient capacity rigs with best technologies either with coring system or air reverse circulation upon approval.

DSD conducts safety meetings and enforces regulations to enhance employees working capability and safety records. MAKAMIN Drilling Services Division was proud of having clean record of any lost time accident (LTA) since start of the operations.

DSD can operate in the most remote locations with its modular offices, specialty and high capacity transport equipment and work camps.

MAKAMIN DRILLING RIG IN OPERATION



PREPARATION OF PIPES



MAKAMIN RIG ACCESSORIES & FIELD PORTABLES



MAKAMIN RIG HOUSING PORTABLES



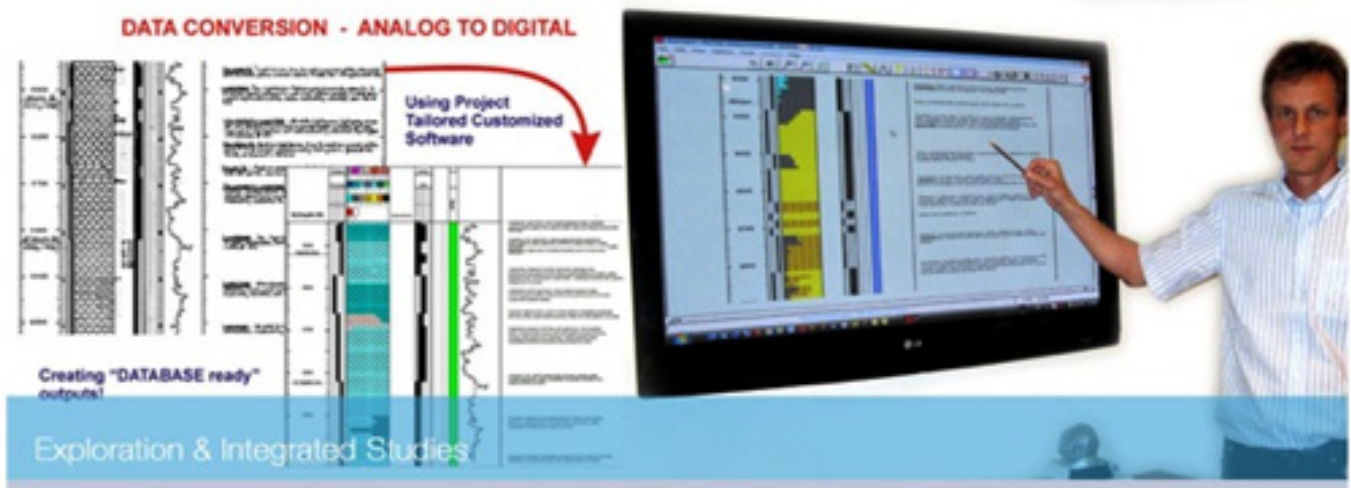
2.3. GEOSCIENCE SERVICES

The Upstream services support MAKAMIN clients in the oil and gas exploration through its Geosciences Services Department which provides scientific geological, geophysical and petrophysics studies to assist the Department clients in the subsurface related challenges and projects.

2.3.1 Distinctive Features & Potencies

The Department provides a wide range of services including:

- Log Scanning & Digitizing for various types of legacy logs.



- Integrated studies and analysis derived from Hi-Resolution 3D Digitizing & Imaging for core samples which includes Porosity and Porosity Partitioning, Effective/Absolute Permeability, Elasticity, Fluid and Wettability mapping, Mineralogy/Clay content, Asphaltenes/Bitumen content, and the dynamic properties of rocks (i.e. special core analysis such as relative permeability, capillary pressure, and imbibition and drainage curves).
- Other services include Supplementary Manpower and Consultancy in Geophysics, Geology, and Petro-physics

2.3.2 GSD Track Record

GSD provides services for Saudi ARAMCO EXPEC-ARC (Advanced Research Centre) with 4D Seismic Permanent Monitoring. The services include: Professional manpower supply in 24-hours live operation of controlling and observing the quality Seismic data production.

Maintenance of equipment and instruments related to the project.

MAKAMIN RIG HOUSING PORTABLES



2.4.INDUSTRIAL INSPECTION SERVICES

MAKAMIN Industrial Inspection Department is capable of undertaking all types of Non-destructive Testing works, such as: Conventional & Advanced NDT. The Industrial Inspection Department has a great desire in the field of inspection & industrial services (NDT & Corrosion monitoring). Makamin Industrial Inspection Services Department is one of the largest NDT and Inspection Services Companies in the Kingdom of Saudi Arabia and Gulf. It is managed by a team of experienced professionals with the clear cut policy of providing quality corrosion and Inspection services (NDT and Advanced NDT) at highly quality, reasonable prices and in a timely manner. The Department provides the services to all major companies in and out of the Kingdom. The clients include SAUDI ARAMCO, SABIC Group of companies, SASREF, SAMREF, LUBEREF, KJO as well as many large contracting companies in the Gulf (e.g. KHI, Petrojet, MMG, Zamil Steel, ETC.)

Providing the highest level of services to the clients, Makamin Industrial Inspection Department has established its own fundamentals to guide the work relationship with all interested parties, in particular by:

- Understanding the current and future needs of the clients and striving to meet or exceed their expectation through providing professional services in terms of quality, value, on time performance, safety, and respect for the environment.
- Performing the duties with the highest level of integrity, honesty and fairness.
- Offering opportunities for success to all in a spirit of team work and fair competition. Ensures to create and maintain optimal conditions for the accurate, safe professional work of the employees while on the job and providing for their personal needs while off.

2.4.1 IISD Distinctive Features

NDT (Non Destructive Testing)	ANDT (Advance Non Destructive Testing)	Corrosion Coupons
Conventional Method (RT, PT, MT, UT, VT).	Automated Corrosion Mapping.	CORROSION MONITORING
- Radiography Test (RT)	Phased Array Ultrasonic Testing (PAUT)	CORROSION COUPONS (WEIGHT LOSS)
- Liquid Penetrant Test (PT)	Time-of-flight diffraction (TOFD).	
- Magnetic Particle Test (MT)	Tube Inspection.	
- Ultrasonic Test (UT)	Tank floor Inspection (FloormapVS2i).	
- Visual Test (VT)		
Positive Material Identification (PMI)		
Vacuum Box		

2.4.2 IISD Track Records

2.4.2.1 TRACK RECORD WITH SAUDI ARAMCO

S/ No.	Contract Date	Contract	Status	Location	Clients	Method
1	20-Feb-10	6510414116	Completed	Safaniyah	Aramco	MFL Floor Tank
2	27-Jul-10	6510439122	Completed	Yanbu	Aramco	MFL Floor Tank
3	1-Mar-11	6510461459	Completed	Udhailiyah	Aramco	PA, ToFD
4	4-Jun-11	6510485604	Completed	Jubail BGP	Aramco	AUT-HIC/SWC
5	1-Sep-11	6600027199	Completed	Ras Tanurah	Aramco	Corrosion Coupon Survey
6	19-Oct-11	6510505157	Completed	Riyadh Refinery	Aramco	Tube Inspection @ AUT
7	Jan-12	6600028108	Completed	Ras Tanurah Refinery	Aramco	API Inspection
8	25-Mar-12	6510525716	Completed	Uthmania GP	Aramco	AUT-HIC/SWC
9	4-April-12	6510533427	Completed	Ras Tanurah Refinery	Aramco	QC Inspector
10	15-July-12	6510548155	Completed	Hawiyah NGL	Aramco	Corrosion Coupon Survey
11	29-Sep-12	6510552590	Completed	Abqaiq	Aramco	NGP Piping & Vessels
12	10-Nov-12	6510563767	Completed	Hawiyah NGL	Aramco	MFL Floor Tank
13	1-Dec -12	6600029004	Completed	Verity	Aramco	Advance NDT Services
14	29-Dec-12	6510572796	Completed	Hawiyah GP	Aramco	MFL tube Inspection
15	25-Sep-13	6510609940	Completed	Hawiyah GP	Aramco	MFL tube Inspection
16	12-Nov-13	6510604757	Completed	Hawiyah MA	Aramco	Saudi Aramco / Perform MFL utility area T&I, HGP
17	30-Oct-13	6510608085	Completed	Hawiyah NGL	Aramco	Saudi Aramco / Magnetic Flux flat bottom tanks floor (HNGL) for D-114 A/B & D-120
18	31-Dec-13	6510609572	Completed	Jeddah Refinery	Aramco	Magnetic Flux of Flat Bottom Tanks Floor
19	31-Mar-14	6510616215	Completed	Yanbu	Aramco	Provide MFL Services
20	30-Dec-13	6510620445	Completed	Juaymah GP	Aramco	Saudi Aramco / Tube MFL Testing for Boiler F-104 / Juaymah Gas Plant
21	15-Nov-13	6510620224	Completed	HAWIYAH NGL	Aramco	Corrosion Coupons Services
22	15-May-13	6510572787	Completed	Jeddah Refinery	Aramco	API inspection Services
23	1-Mar-14	6510639928	Completed	Hawiyah GP	Aramco	Advance NDT Services-Tube inspec- tions
24	1-Mar-14	6510639933	Completed	Hawiyah GP	Aramco	Advance NDT Services-Tube inspec- tions
25	1-Mar-14	6510639929	Completed	Hawiyah GP	Aramco	Advance NDT Services-Tube inspec- tions
26	25-Mar-14	6510639932	Completed	Hawiyah GP	Aramco	Advance NDT Services-Tube inspec- tions
27	31-Dec-14	6510639930	Completed	Hawiyah GP	Aramco	Advance NDT Services-Tube inspec- tions

28	25-Dec-14	6510676334	Completed	Shedgum GP	Aramco	Ultrasonic Non-Destructive Testing (NDT)@ Shedgum GP PR#3000538308
29	18-Jun-14	6510650506	Completed	Shedgum GP	Aramco	Replace/Clean Corrosion Coupons Plant Wide
30	14-Sep-16	6510671603	Ongoing	NGP	Aramco	IMPLEMENTING RISK BASED INSPECTION (RBI) RECOMMENDATIONS FOR NGPD GOSPS
31	30-Jun-13	6510702547	Completed	Udhailiyah	Aramco	Test & Calibration Inspection Unit Equipment's
32	1-Mar-15	6510689119	Completed	ABQAIQ	Aramco	462/To Conduct Advanced UT Scan NDT
33	1-Apr-15	6510689120	Completed	ABQAIQ	Aramco	462/DO ADVANCED UT
34	5-Apr-13	6510590603	Completed	Haradh GP MAI	Aramco	Calibrate Inspection Unit Devices
35	18-Mar-15	6510702547	Completed	Uthmania Gas Plant	Aramco	NDT Inspection Equipment Calibration
36	30-Sep-15	6510733416	Ongoing	Refinery Inspection	Aramco	Step Wise Cracking Inspection

Long Form Contract With Saudi Aramco						
1	2011-2015	6600027199	Completed	NAP	Aramco	Corrosion Coupons Services
2	2012-2017	6600029004	Ongoing	All Saudi	Aramco	Advance NDT

2.4.2.2 MAKAMIN TRACK RECORD WITH OTHER CLIENTS

S/ No.	Contract Date	Contract	Status	Location	Clients	Method
1	31-Jan-08	ASF-1935	Completed	Dammam	Al Arabi Factory for Steel Works	UT
2	13-Feb-08	IXAR/KMC/01/08	Completed	Jubail	Kalma Contracting Est.	UT
3	19-May-08	59604	Completed	Dammam	Zamil Steel	UT
4	16-Jun-08	60502	Completed	Dammam	Zamil Steel	UT
5	30-Jun-08	ASF-2144	Completed	Dammam	Al Arabi Factory for Steel Works	MT
6	9-Sep-08	62976	Completed	Dammam	Zamil Steel	UT
7	5-Oct-08	ASF-2085	Completed	Dammam	Al Arabi Factory for Steel Works	UT
8	19-Oct-08		Completed	Dammam	Zamil Steel	UT
9	21-Oct-08	GTC-NDT-2/2008	Completed	Riyadh	Geotechnical Testing Center (GTC)	RT
10	10-Nov-08	08-24-PR-07	Completed	Jubail	Al-Gaswa Support Company Ltd.	RT
11	16-Dec-08	65328	Completed	Dammam	Zamil Steel	RT
12	17-Dec-08	TB 4151	Completed	Jubail	Thrust boring Construction Co. Ltd.	RT, PT, & MT
13	31-Dec-08	7001598	Completed	Jubail	STORK - CooperHeat	RT
14	12-Jan-09	7200007101	Completed	Jubail	MARAFIQ	RT,UT,MT,PT
15	13-Jan-09	65915	Completed	Dammam	Zamil Steel	RT
16	31-Jan-09	Job#A3-E297	Completed	Dammam	Zamil Steel	RT
17	1-Feb-09	475	Completed	Dammam	Canam Asia	UT
18	1-Feb-09	66375	Completed	Dammam	Zamil Steel	RT
19	9-Feb-09	66590	Completed	Dammam	Zamil Steel	RT
20	17-Feb-09	L089/GEN/117	Completed	Jubail	Gulf Heavy Industries	UT
21	17-Feb-09	66776	Completed	Dammam	Zamil Steel	RT
22	18-Feb-09	MPO 15/009	Completed	Dammam	Al Suwaidi	RT
23	19-Feb-09	1556399	Completed	Jubail	Gulf Steel Works	RT, UT, PT, MT
24	23-Feb-09		Completed	Dammam	Arabian Bemco Contracting Co.	Materials only
25	2-Mar-09	ASF-2534	Completed	Dammam	Al Arabi Factory for Steel Works	UT
26	15-Mar-09	1278	Completed	Jubail	Al Nobl Contracting Co.	UT
27	25-Mar-09	177/2009	Completed	Kafji	Petrojet	RT
28	30-Mar-09	67705	Completed	Dammam	Zamil Steel Industries	RT
29	7-Apr-09	SWME 9038	Completed	Bahrain	Silver Wing	MFL
30	12-Apr-09	68023	Completed	Dammam	Zamil Steel Industries	RT
31	22-Apr-09	68285	Completed	Dammam	Zamil Steel Industries	RT

32	14-May-09	249/2009	Completed	Kafji	Petrojet	RT
33	20-May-09	9003798	Completed	Dammam	Al-Suwaidi	RTFI
34	26-May-09	68957	Completed	Dammam	Zamil Steel Industries	RT
35	30-May-09	-	Completed	Offshore	Global Al Rushaid	RTFI
36	4-Jun-09	A3-E067	Completed	Dammam	Zamil Steel Industries	RT
37	10-Jun-09	A1-D866-01-03	Completed	Dammam	Zamil Steel Industries	RT
38	7-Jun-09	69190	Completed	Dammam	Zamil Steel Industries	RT
39	15-Jun-09	MFL-06-2009-0012	Completed	Khobar	TTS	MFL
40	22-Jun-09	9004488	Completed	Dammam	Al-Suwaidi	RTFI
41	23-Jun-09	A3-E067-04-01	Completed	Dammam	Zamil Steel Industries	RT
42	9-Jun-09	1260/2009	Completed	Abqaiq	Mohd. Al-Hajri	RT
43	17-Jun-09	69443	Completed	Dammam	Zamil Steel Industries	RT
44	11-Jul-09	9004994	Completed	Dammam	Al-Suwaidi	RTFI
45	11-Jul-09	69905	Completed	Dammam	Zamil Steel Industries	RT
46	19-Jul-09	70156	Completed	Dammam	Zamil Steel Industries	RT
47	19-Aug-09	9006116	Completed	Dammam	Al-Suwaidi	RTFI
48	9-Aug-09	70871	Completed	Dammam	Zamil Steel Industries	RT
49	6-Sep-09	ASF-2987	Completed	Dammam	Al Arabi Factory for Steel Works	UT
50	6-Oct-09	ISS/G-1577	Completed	Dammam	Industrial Support Services Co.	Rental Site Master
51	17-Oct-09	9007442	Completed	Dammam	Al-Suwaidi	RTFI
52	27-Oct-09	09/JB/12	Completed	Jubail	SWCC	GW
53	31-Oct-09	T & I - 002	Completed	Jubail	SWCC	UTTG
54	16-Nov-10	SCE#P-892/09	Completed	Jubail	Al Sabri Contracting Est.	MFL
55	24-Nov-09	9008213	Completed	Dammam	Al-Suwaidi	RTFI
56	14-Dec-09	73434	Completed	Dammam	Zamil Steel Industries	RT
57	14-Dec-09	73439	Completed	Dammam	Zamil Steel Industries	RT
58	14-Dec-09	9008547	Completed	Dammam	Al-Suwaidi	RTFI
59	30-Dec-09	73871	Completed	Dammam	Zamil Steel Industries	RT
60	6-Jan-10	73946	Completed	Dammam	Zamil Steel Industries	RT
61	20-Jan-10	10000224	Completed	Dammam	Al-Suwaidi	RTFI
62	27-Jan-10	SPT/PO/AA/1073/10	Completed	Dammam	Speetech	RT
63	30-Jan-10	IR/PO/10-13	Completed	Dammam	Industrial Reservoir	RT
64	2-Feb-10	761	Completed	Dammam	Canam Asia	Welder Qualification
66	22-Feb-10	10000851	Completed	Dammam	Al-Suwaidi	RTFI
67	28-Feb-10	75262	Completed	Dammam	Zamil Steel Industries	RT
68	3-Mar-10	36/2009	Completed	Offshore / Kafji	Petroleum Marine Services Co.	UT, RT, PT & MT
69	9-Mar-10	10001276	Completed	Dammam	Al-Suwaidi	RTFI
70	10-Mar-10	073971	Completed	Rastanura	Arabian Fal Company	MFL

71	21-Mar-10	75769	Completed	Dammam	Zamil Steel Industries	RT
72	30-Mar-10	67705	Completed	Dammam	Zamil Steel Industries	RT
73	23-May-10	ISS/G-1686 REV1	Completed	Dammam	Industrial Support Services Co.	MFL
74	9-Jun-10	AGI/GTG/KJO/M-136/2010	Completed	Kafji	Alghanim International Gen Trading and Contracting	RT
75	26-Jun-10	1858	Completed	Gizan	Flowserve Al Rushaid	RT
76	27-Jun-10	408445	Completed	Jubail	InmaSteel	RT
77	30-Jun-10	DJC-NDT-0014-2010	Completed	Jubail	DJC Inspection & Engg. Services	UT
78	7-Jul-10	077229	Completed	Rastanura	Arabian Fal Company	MFL
79	13-Jul-10	AJS/LPO-090	Completed	Dammam	Al-Jadee Al-Shamali Cont.	RT
80	26-Jul-10	DJC-NDT-0018-2010	Completed	Jubail	DJC Inspection & Engineering Services	UT
82	31-Jul-10	L006164	Completed	Jubail	MIS Arabia	RT
83	15-Aug-10	HQ569PC05	Completed	Offshore	Petroleum Marine Services Co.	UT, RT, PT & MT
84	21-Aug-10	10004176	Completed	Dammam	Al-Suwaidi	RTFI
85	24-Aug-10	SHUD00150	Completed	Gizan	Mitsubishi Heavy Industries	RT
86	7-Sep-10	10004487	Completed	Dammam	Al-Suwaidi	RTFI
87	8-Sep-10	SHUA00739	Completed	Gizan	Mitsubishi Heavy Industries	RT
88	27-Sep-10	AJS/LPO-112	Completed	Dammam	Al-Jadee Al-Shamali Cont.	RT
89	27-Sep-10	AJS/LPO-113	Completed	Dammam	Al-Jadee Al-Shamali Cont.	RT
90	28-Sep-10	PO100016	Completed	Tabuk	Arabian Fal Company	MFL
91	8-Nov-10	PO100989	Completed	Yanbuh	Arabian Fal Company	MFL
92	28-Nov-10	ISS/G-1738	Completed	Dammam	Industrial Support Services Co.	UT
93	6-Dec-10	10000056	Completed	Nauriyah	FMQ	RT
94	14-Dec-10	PO101717	Completed	Yanbuh	Arabian Fal Company	MFL
95	15-Dec-10	ISS/G-1757	Completed	Yanbuh	Industrial Support Services Co.	UT
96	22-Dec-10	PO-02036	Completed	Kafji	Zamil Heavy Industries	RT
97	21-Feb-11	PO102852	Completed	Tabuk	Arabian Fal Company	MFL
98	1-Mar-11	POCN-00085/11	Completed	Dammam	Geyad	RT
99	7-Mar-11	SE11/00747/001	Completed	Kafji	SETE	RT
100	14-Mar-11	POCN-00108/11	Completed	Dammam	Geyad	UT
101	25-Jan-11	DJC-NDT-004-2011	Completed	Jubail	DJC Inspection & Engineering Services	UTTG
102	13-Jan-11	LJ108589	Completed	Jubail	MIS Arabia	RT,UT,MT,PT
103	22-Mar-11	3717	Completed	Dammam	Zamil Steel Industries	RT
104	26-Sep-11	S/C SH15940/03/11	Completed	Jubail	Al-Suwaidi	RT, UT, PT, MT
105	27-Jul-11	OMP-11-003	Completed	Dammam	Bin Quraiah	RT, UT, PT, MT
106	13-Aug-11	106125	Completed	Rastanura	Arabian Fal Company	MFL Testing
107	15-Aug-11	SE11/02961/001	Completed	Kafji	SETE	RT
108	6-Sep-11	106389	Completed	Rastanura	Arabian Fal Company	MFL Testing
109	6-May-12	SCE#P-892/09	Completed	Jubail	Al Sabri Contracting Est.	MFL Scanning

110	16-May-12	SE12/01269/001	Completed	Kafji	SETE	RT
111	21-May-12	9100000811	Completed	Jubail	MARAFIQ	NDT Inspection Services
112	10-Jul-12	K-194/KJO/012	Completed	Kafji	Al Khodary Heavy Industries	RT-UT-LPT-MPT
113	15-Aug-12	520	Completed	Khobar	Zamil Steel (Zampico)	RT
114	4-Sep-12	HQ926PC10	Completed	Kafji	Alghanim International Gen Trading and Contracting	RT-UT-PT-MT
115	11-Sep-12	JI-194IK-LP-1921	Completed	Dammam	Petrofac	Thermography Inspection
116	16-Sep-12	LJ111900	Completed	Jubail	MIS Arabia	RT
117	18-Sep-12	SE12/02778/001	Completed	Kafji	SETE	RT
118	1-Oct-12	LPO/AJS/051/2012	Completed	Kafji	Al Jadee Al Shamali Est.	RT
119	1-Oct-12	2050048513	Completed	Kafji	Sinopec E&C Middle Est Co.	RT-UT-PT-MT
120	1-Oct-15		Ongoing	South Area	Br Cat	RT-PT-MT-PMI

2.4.3 IISD Potencies

Non-Destructive Testing (NDT)

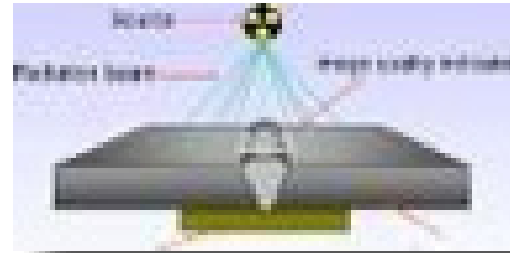
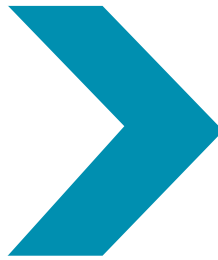
Non-destructive testing is the examination of an object with technology that does not affect the object's future usefulness. NDT provides an excellent balance between quality control and cost effectiveness.

The term "NDT" includes many methods that can: detect internal or external imperfections; determine structure, composition, or material properties & measure geometric characteristics.

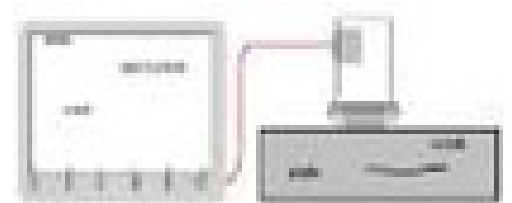
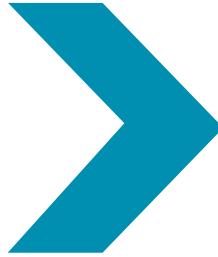
Conventional NDT

MAKAMIN provides highly skilled, experienced and motivated personnel qualified and certified in accordance with ANSI CP-189 and SNT-TC 1A) in the conventional techniques that have underpinned the NDT industry from its earliest days.

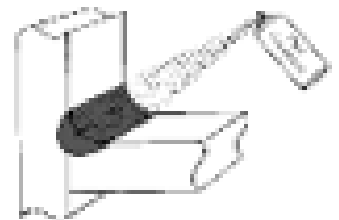
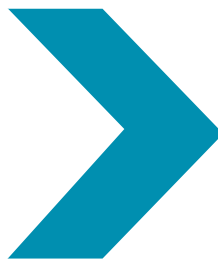
Radiographic Testing



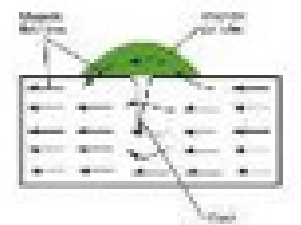
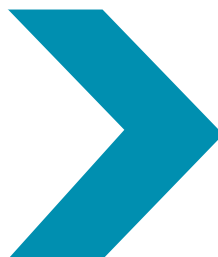
Ultrasonic Testing



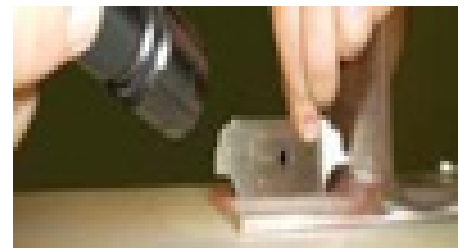
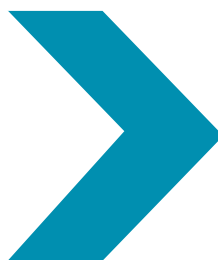
Penetrant Testing



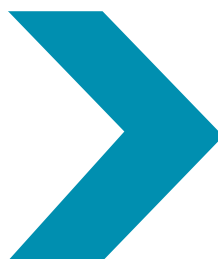
Magnetic Particle Testing



Visual Testing



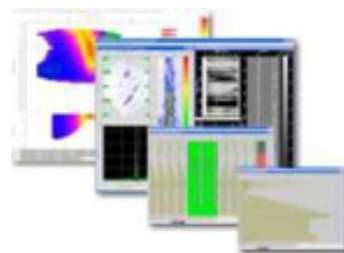
Vacuum Box



Advance NDT

MAKAMIN strives for excellence in quality service and efficiency, applying the latest technology to meet the current challenges in the field of NDT and Industrial section

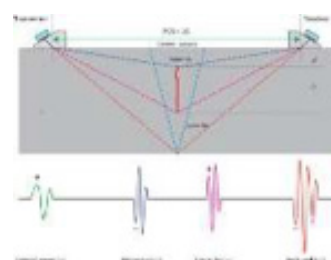
Automated Corrosion Mapping



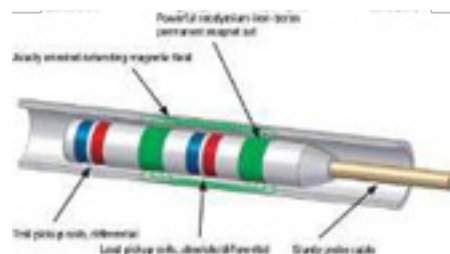
Phased Array



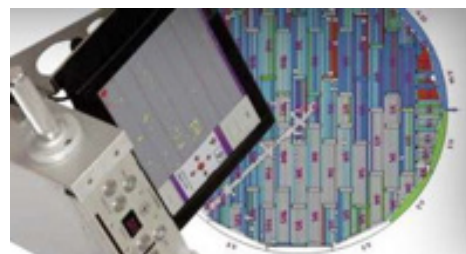
Time of Flight Diffraction



Tube Inspection



Tank floor Inspection



A number of advanced technologies from indigenous and foreign sources were identified and incorporated. MAKAMIN have technicians qualified to ASNT Level –II in different methods, working under the supervision and guidance of ASNT Level – III experts.

Corrosion Monitoring

The field of corrosion measurement, control, and prevention covers a very broad spectrum of technical activities. Corrosion measurement employs a variety of techniques to determine how corrosive the environment is and at what rate metal loss is being experienced. Corrosion measurement is the quantitative method by which the effectiveness of corrosion control and prevention techniques can be evaluated and provides the feedback to enable corrosion control and prevention methods to be optimized.

Corrosion Coupons (Weight Loss)

The Weight Loss technique is the best known and simplest of all corrosion monitoring techniques. The method involves exposing a specimen of material (the coupon) to a process environment for a given duration, then removing the specimen for analysis. The basic measurement which is determined from corrosion coupons is weight loss; the weight loss taking place over the period of exposure being expressed as corrosion rate.

The simplicity of the measurement offered by the corrosion coupon is such that the coupon technique forms the baseline method of measurement in many corrosion monitoring programs.

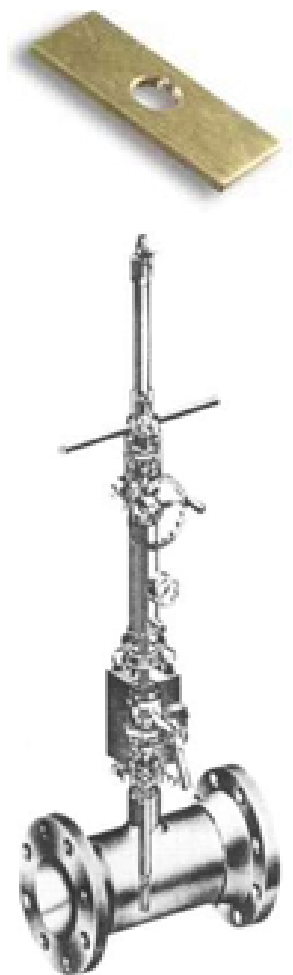
The technique is extremely versatile, since weight loss coupons can be fabricated from any commercially available alloy. Also, using appropriate geometric designs, a wide variety of corrosion phenomena may be studied which includes, but is not limited to:

- Stress-assisted corrosion
- Bimetallic (galvanic) attack
- Differential aeration
- Heat-affected zones

Advantages of weight loss coupons are that:

- The technique is applicable to all environments - gases, liquids, solids/particulate flow.
- Visual inspection can be undertaken.
- Corrosion deposits can be observed and analyzed.
- Weight loss can be readily determined and corrosion rate easily calculated.
- Localized corrosion can be identified and measured.
- Inhibitor performance can be easily assessed.

In a typical monitoring program, coupons are exposed for 90-day duration before being removed for a laboratory analysis. This gives basic corrosion rate measurements at a frequency of four times per



2.4.4 IISD TRAINING / PICTORIALS



2.5 ZENCUS SERVICES

MAKAMIN Petroleum Services Company through its subsidiary ZENCUS has advance production services that deliver real time wellhead and field data to field operators, engineers and managers, irrespective of their geographical locations within the organization, utilizing wireless technology and web-enabled data visualization tools.

No application software needs to be installed on the end-user's computer. All that required is a web browser and access password. Utmost security measures and privacy of field data are well-guarded to protect the interest of the client. ZENCUS ultimate goals are to minimize costs and optimum production.

2.5.1 Product Features

ZENCUS mission is "To provide Solutions not Products" and ZENCUS valued proposition is to provide a single-source "end-to-end" solution for field data acquisition and visualization for the oil and gas industries.

Mono Transmitter

A historical constraint to installing real-time wellhead monitoring instrumentation has been the practical and logistical complications associated with providing electrical power, cables and conduit at remote wellhead locations. The ZENCUS Mono Transmitter overcomes these limitations by integrating; sensor (e.g. pressure or temperature), A/D converter, radio transmitter and long-life battery in a single compact unit. ZENCUS Mono Transmitter can be installed in minutes into existing field instrument connections with no need for electrical power, cables or conduit. This Mono-Transmitter forms part of the ZENCUS Wireless Network, with up to 200 Mono-Transmitters feeding into a single ZENCUS Field Transceiver or Gateway for onward data transmission. Data delivery is via the ZENCUS Data Visualization Suite or directly into the clients existing SCADA system.

MONO TRANSMITTER



Field Transceiver

The ZENCUS Field Transceiver is a compact solar-powered unit that can be quickly installed without the need for cables or conduit. A single unit can receive and manage data from 100+ field instrument transmitters. A variety of transmission options are available to reliably transmit field data over distances of 35 km or more. Transmission options include license-exempt radio modems and GPRS, Broadband Satellite and Low Orbit Satellite.

The Field Transceiver transmits received data over via additional Field Transceivers acting as mesh nodes, depending on positioning and topography.

ZENCUS Gateway

The ZENCUS Gateway is the interface between the ZENCUS Wireless Network and the ZENCUS Data Visualization Suite or client SCADA/ DCS system. The Gateway can be configured as the main controller for a network of 200 - 300 ZENCUS Field Transceivers (wireless RTUs) or directly receive data from 200+ ZENCUS Mono-Transmitters, giving virtually unlimited data acquisition and redundancy options.

The ZENCUS Gateway can be configured for input into the ZENCUS Data Visualization Suite or into an existing SCADA/DCS system (via an RTU or the client LAN), optionally, data can be fed into both systems simultaneously. The Gateway can be mains or 24VDC powered and has an optional power pack which includes battery, solar, wind or a combination charger and sophisticated power management system. This Gateway uses industry standard protocols including OPC and MODBUS utilizing Ethernet and RS232/RS485 interfaces and for older legacy systems can be configured with analogue and digital outputs.

Wireless Data Acquisition and Visualization System

The ZENCUS Wireless Data & Acquisition System is ideal for retrofitting existing “brown-field” sites as well as new field installations. This system delivers real-time production data to the corporate desk-top via proprietary web-enabled data visualization software. No application software needs to be installed on the end-users’ computer. All that required is a web browser and access password. Unlike the traditional SCADA/ DCS based data acquisition systems are expensive and time-consuming to install and typically deliver data to a dedicated control room or data historian but not to the end-users’ desk-top.

The ZENCUS Data Visualization system can be packaged to target specific workflows; combining fit for purpose data acquisition systems with tailored web based visualization and functionality. Data are presented in a format familiar to the end user with the analytical tools to intuitively monitor the work flow. The system comprises Data Visualization (ZDV) Suite with distributed applications managing data acquisition, storage and visualization.

FIELD TRANSCEIVER



ZENCUS GATEWAY



ZENCUS WIRELESS DATA ACQUISITION & VISUALIZATION SYSTEM



The application suite comprises:

ZDV Listener: Receives data from a ZENCUS Wireless Network and third party sources and stores the data in OSIsoft's ECHO data historian. ECHO OPC HDA server allows data access from OPC clients and has a proprietary to link to OSIsoft's PI.

ZDV Studio: Provides visualization of process and diagnostic data via Windows or Web interface, with intuitive graphical displays, data reduction, analysis and trending functions, data quality and stability analysis and export functions to third party applications such as Microsoft Excel and portable document format (PDF). All data access is controlled by user configurable multi-level password authentication.

ZDV Alert: Monitors data, provides process diagnostics, triggers user defined alarms and notifies users via SMS text or email. Alarms include standard range based, multi-variable and diagnostic analysis.

ZDV Report: Sends scheduled user configurable reports via email to users or user groups, e.g. daily production data summarized and emailed prior to morning meetings, or system health checks sent to the System Administrator.

ZENCUS CCTV

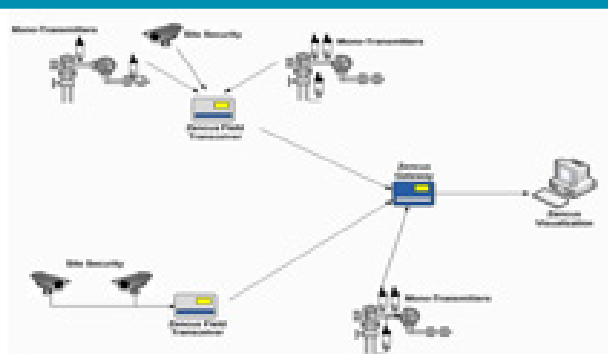
The ZENCUS Site Security System is a modular low bandwidth surveillance system allowing fit for purpose site security or monitoring any location. Latest video and software compression techniques minimize bandwidth requirements and gives quality live images with increased resolution recorded footage, on alarm triggers at bandwidths < 256kbps. Various camera options include, Pan, Tilt and Zoom (PTZ), fixed zoom and static; selection dependent on site installation and bandwidth availability.

Local and remote Windows and Web based visualization, with live and alarm/time based playback. User configurable live, recording and remote streams offering different resolution and frame rate options to best utilize available bandwidth. Integration with ZENCUS Wireless Data Acquisition system incorporates CCTV and process monitoring in a single data link. This Security System can be combined with ZENCUS Mono-Transmitters at remote sites to monitor site security and process instruments utilizing a single Field Transceiver and long distance data link.

ZENCUS CCTV



SET-UP DIAGRAM



2.5.2 ZENCUS Products Benefits

Wellhead & Field Instrumentation: No wires, cables or conduit; no power supply required; fast & low-cost installation; easily expandable

Field Transceiver: Compact and easy to install; integral solar power supply; Capacity of 100+ field instruments; range 35km or more

Field Office: Links to multiple Field Transceivers; Local data visualization and alarms; SMS text & e-mail alarms; ZENCUS data server links to: Corporate Intranet, Data historian & Internet

Regional & Corporate Offices: Real-time data visualization; Web enabled; Corporate-wide access from the desktop; Access password protected

2.5.3 ZENCUS Services Track Records

	Wireless Well Monitoring for Improved Reservoir Management
	Wireless Well Monitoring for Improved Reservoir Management
	Chemical Injection System Remote Monitoring
	Dukhan PWI Wireless SCADA Project
	Offshore Wireless Well Monitoring
	Remote Monitoring & Control of Offshore Production Facilities via VSAT
	Wireless Well Monitoring, Veracruz Activo
	Remote Monitoring of Offshore Production Facilities
	Remote Monitoring of Offshore Production Facilities
	Wireless Pressure Transmitters for Wireline Operations

3. PROJECT MANAGEMENT

Project Management is the application of knowledge, skills, tools, and techniques in project activities to meet the project requirements. Each MAKAMIN Department Heads initiate, plan, execute, control and close the work of a team to achieve specific goals and meet specific success of every MAKAMIN projects to satisfy its clients.

MPS applies the five (5) basic phases of Project Management:

Project Conception & Initiation

This phase is an idea for a project to be carefully examined and determined whether or not the project will benefit the organization or company. This is also a very crucial phase in the project because this needs to define the objectives, the scope, purpose and deliverables to be produced. MAKAMIN Petroleum Services Company has its Project Team to assist, identify and decide if the project can realistically be completed as per proponent project time table.

Project Definition and Planning

During this phase, a project plan, project charter or project scope must put in writing and outline the work to be performed. MPS has its Project Team that prioritizes the project, calculate a budget and schedule, and determine what resources are needed. MAKAMIN relates to the use of project schedules, such as Gantt Charts and Primavera or other proponent recognized scheduling methods to plan and subsequently report progress within the project environment.

Project Launch or Execution

Resources' tasks are distributed and teams are informed of responsibilities during this phase. The Project Execution Phase is usually the longest phase of the project and it typically consumes the most energy and the most resources part of the project. MAKAMIN has its full capacity to launch or execute a lump sum turn-key and EPC projects. MAKAMIN has complete manpower, equipment, tools and materials to deliver the project on time. MAKAMIN has its Project Team to implement, monitor and control the project during this phase. The Project Team looks for the cost, quality, change, risks and issues including manage procurement, customer acceptance and communications.

Project Performance and Control

During this phase, Project Operation Managers will compare project status and progress to the actual plan, as resources perform the scheduled work. MAKAMIN has its Project Team to control and monitor the project progress activities and inform the Project Operation Managers whatever the progress outcome or the progress pacing of the project. If in case the project progress is skidding; MAKAMIN Project Managers have the capacity to do and adjust the schedules or do what is necessary to keep the project progress on track.

Project Close

The Project Closure is the last phase of the project process. In this phase, Contractor will formally close the project and then report its overall level of success to the proponent or customer.

This involves handing over the deliverables to the proponent or customer, passing the documentation to the business, cancelling supplier contracts, releasing staff and equipment, and informing company management of the closure of the project. This phase includes:

MCC / Walkthrough, when the project is almost completed, proponent will schedule the date of the MCC walkthrough. All department involved in the construction of the project will be informed and invited and will send their representative to witness the Mechanical Completion Certificate walkthrough. Mechanical completion is done before the project commissioning.

Exception Items or Punch lists –After the MCC / Walkthrough, each department representative will make their exception items or punch lists if whatever they observe or saw that are not conforming to company standards. Exception items or punch lists are classified as YES or NO items. “YES” items are those items that are required before commissioning the line and needs immediate rectification. “NO” items are those items that are not required during the start of commissioning but contractor is obliged to rectify as soon as possible. Proponent Department Representative will not sign & issue the Mechanical Completion Certificate unless the contractor will rectify the punch lists. Mechanical Completion Certificate is a form completed by the executor or contractor after all MC is carried out. If MCC is issued by the executor or contractor meaning that the project is accepted and is ready to use.

Clearing / Hand Over / Demobilization– After the commissioning of the project, the contractor will clear the project area, ensure that the area is leveled, cleaned and freed from dirt, oil spills & debris. Contractor will hand-over the project to the concern proponent. MAKAMIN will return the manpower & equipment to their main camp site after work completion or transferred to another project.

As-Built Drawing – These are sets of revised drawings by a contractor upon completion of the pipeline or project. Contractor shall reflect all the changes made in the specifications & working drawings during the construction process and show the exact dimensions, geometry & location of all elements of the work completed under the contract.

Material Reconciliation–Before the project completion, Contractor shall return all excess, Proponent issued materials as per MTO / MRS, either in the form of scrap, rejected materials, spares & other additional materials to proponent designated yard.

Project Completion - This is the last stage of the project when the project is fully completed and physically ready for use, after the hand-over to the proponent. All project transactions should be closed-out, legally considered a completed project.

4. SUPPLY CHAIN SERVICES

MAKAMIN Petroleum Services Company has its Supply Chain Services Team to oversight of materials, information, and finances as they move in a process from supplier to manufacturer to wholesaler to retailer to the end user. MAKAMIN considers the flows of the supply chain are the product flow, the information flow and the finances flow. MAKAMIN Supply Services Team involves coordinating and integrating these flows both within and among companies.

MPS Supply Chain Services Team has extensive experience having successfully purchased and delivered to our sites the project required services, equipment, tools and materials. The majority of this services, equipment, tools and materials were according to Proponent's specifications. Some Supply Chain Services Team critical activities are: selecting proponent approved vendor, obtaining vendors NMR, receiving vendor quality and inspection test plans for proponent's approval, vendor inspection as required by specifications or third party inspection; Material Mill Certificates or Material Test Certificates

MAKAMIN Chain Services Team assures that quality is guaranteed and accepted as per proponent or company's satisfaction. MAKAMIN Chain Services Team usual concerns are: Coating inspection and failure analysis; design verification; expediting; factory acceptance test; failure analysis and failure prevention; industrial pre-shipment inspection; loading/unloading supervision; manufacturing inspection and technical inspection; project management services; quality assurance and quality control inspection and vendor assessment / technical audit.

5. TECHNICAL STAFFING SERVICES

MAKAMIN Technical Staffing Services (TSS) specialized in the provision of permanent or contract staff on a global basis. TSS is able to deliver global recruitment solutions by utilizing the extensive worldwide reach of the Saudi MAKAMIN group. Whether you are looking for inspectors, managers, technicians, electrical engineers, heavy equipment operators or design engineers, we assist you in hiring accomplished specialists who will fulfill your project and business needs.

MAKAMIN Petroleum Services Company (TSS) acts as a recruitment partner for clients in the oil, gas, petrochemical, construction and power and water utility industries. Our integrated services cover flexible local and expatriate sourcing, payroll and visa services as well as logistical in-country support.

6. HEALTH, SAFETY & ENVIRONMENT

MAKAMIN Petroleum Services Company shall require that safe working habits and conditions always be the first considerations during the implementation and execution of Construction Projects. MPS is totally committed for the welfare and assurance of workers' health, safety and environment. MPS provide and maintain a loss prevention work and safe working environment.

In order to yield efficient results, MAKAMIN is strictly implementing correct safety procedures by using the right and highly conditioned tools, machines and equipment in full compliance with Saudi Arab Government Laws & Regulations, Schedule "D" of the contract, Construction Safety Manual, Engineering Standards, Procedures and General Instructions as a minimum requirement.

Furthermore, MAKAMIN, creates a HSE Plan that provides direction in developing and implementing programs that comply and consistent with Proponent & Company Safety & Loss Prevention policies, principles and practices. This HSE Plan gives the basis on which MAKAMIN and its sub-contractors to operate under the guidance that all activities shall be first, over all others, conducted in loss prevention, safe manner. The intent of this plan is to mitigate or reduce the inherent recognized risks, injuries, death, damages, and or financial losses to both Proponent & Contractor personnel and property during the implementation of any Proponent or company Construction Projects.

6.1. MAKAMIN HSE POLICY STATEMENT

MPSC HEALTH, SAFETY & ENVIRONMENT POLICY STATEMENT

MAKAMIN Petroleum Services Company considered HSE as a top priority in our everyday activities. This provides and maintains Safety, Health & Environment Program consistent with the best practices of the construction industry.

Our commitment to the safety program must be firm, aggressive and shall be the responsibility of management to ensure that the operations are performed with utmost regard for the safety & health of all personnel and to prevent property damage under our direction. It is responsibility of every employee to support and promote the safety & health process in order to ensure a safe environment in which to work.

MAKAMIN Petroleum Services Company shall require that safety working habits & conditions always be the first consideration during the implementation & execution of any construction projects & totally committed to provide and maintain loss prevention work performance & safe work environment.

In order to yield efficient result, correct safety procedures shall be strictly implemented by using the right person to a right job, using the right & highly conditioned tools, machines & equipment in full compliance with Saudi Arab Government Laws & Regulations; Schedule "D" of the contract; Construction Safety Manual; Engineering Standards, Procedure & General Instruction and other related Safety International Standards as minimum requirements.

Health, Safety & Environment Department

MAKAMIN Petroleum Services Company
Dammam, Kingdom of Saudi Arabia

7. APPENDICES

7.1 APPENDIX A: ISO CERTIFICATION



CERTIFICATE

Management system as per
DIN EN ISO 9001 : 2008

In accordance with TÜV NORD CERT procedures, it is hereby certified that



Makamin Petroleum Services Company
Mohamed Bin Fahad Street
P. O. Box 1305, Dammam 31431
Kingdom of Saudi Arabia

applies a management system in line with the above standard for the following scope

Industrial Services (NDT, Inspections, Corrosion and Advance NDT)

Certificate Registration No. 44 100 1557 0040
Audit Report No. 5700 1138

Valid from 2015-09-20
Valid until 2018-09-14



Certification Body
at TÜV NORD CERT GmbH

Dammam, 2015-09-20

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.com



DAKKS
Deutsche
Akkreditierungsstelle
D-284-12007-01-01

7.2 APPENDIX B: LEGAL DOCUMENTS

B.1 Commercial Registration Certificates

B.1.1 Commercial Registration Certificate

[illegible]

B.1.2 Commercial Registration Certificate

رؤية 2030
 المملكة العربية السعودية
 KINGDOM OF SAUDI ARABIA

وزارة التجارة والاستثمار
 Ministry of Commerce and Investment

شهادة تسجيل فرع شركة

الرقم: ٢٠٥١٠٣٨١٣٩
 التاريخ: ١٤٢٩\٠٨\٢٦

اسم الشركة: شركة مكامن السعودية القابضة لخدمات النفط والغاز (مساهمة مغلقة)
 نوعها: مساهمة
 مركزها الرئيسي: الرياض حي العليا
 ص ب: ١٢٦٧٥
 رقم سجل المركز الرئيسي: ٢٥١١٦٨

الاسم التجاري: فرع شركة مكامن السعودية القابضة لخدمات النفط والغاز
 العنوان: طريق الديام الخبر السريع - مركز نوفوتيل بزنس
 ص ب: ٨٨٩٧٧٢٤
 الرمز البريدي: ١١٥٢٦
 هاتف: ٢١٦٧٩٣٠
 فاكس: ١٤٢٩\٠٥\٧٨
 مصدره: ٢١٦٧٩٣٢
 تاريخه: ١٤٢٩\٠٥\٢٨

النشاط: القيام بتطوير اعمال حقول البترول والغاز وتقييم الخدمات الفنية في مجال مشاريع حقول النفط والغاز البحرية والبحرية وصيانة الابار وجميع الخدمات المساندة لها وصيانة معدات وانابيب البترول والغاز وتمديد وتركيب انابيب نقل النفط والغاز وتجارة في اجهزة حقول النفط والغاز وفحص اللحامات بواسطة الفحوصات الغير إتلافية على المعادن واللحام ومعالجة اللحام بالحرارة

اسم المدير (رئيسا): ماجد عبدالله مزاع الشنبري
 الجنس: م
 رقم السجل المدني: ٠٠١٠٤١٧٧٥٩٠٧
 سلطات المدير: إدارة أعمال الفرع ~
 يشهد مكتب السجل التجاري بمدينة: الرياض
 وتنتهي صلاحية الشهادة في: ١٤٣٩\٠٨\٢٥

مدير السجل التجاري للشركات: محمد عثمان الخشير
 الموقع:

التاريخ الميلاد: ١٣٨٨
 مكان الميلاد: الطائف
 تاريخ الميلاد: ١٤١٤\٠٧\١٥
 مصدره: جدة
 تاريخه: ١٤٢٤\٠٦\١١
 مصدره: الخبر

رؤية 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



وزارة التجارة والاستثمار
Ministry of Commerce and Investment

ج: ۳۱۰۵۰۰۱۸۳۰۱
ج: ۳۱۰۵۰۷۳۰۰۰۸

شهادة تسجيل شركة

نوعها:
 الاسم التجاري للشركة:
 محدودة برأس مال خليجي
 جنسيتها:
 سعودي

مدة الشراكة: ٠٩٩ سنة	تبدأ من: ١٤٣٠\٠٨\٢٥	وتنتهي في: ١٥٢٩\٠٨\١٩
صانعيها الرئيس: الدمام \ حي عبدالله فؤاد		

٨٧٥١٠٩٠ فاكس : ٨٥٥٩٦٦ هاتف : ٣١٤٣١ الرمز البريدي : ١٣٠٥
ص ب : النشاط : مقاولات عامة للمباني (إنشاء - ترميم) ومقاولات الانشاءات العامة وأعمال الطرق والمياه والصرف الصحي والأعمال الميكانيكية والكهربائية والكيميائية

والتبترول والغاز وتقدير مخصصات مالية في مجال مشاريع حقول النفط والغاز وصيانة معدات استخراج وتخزين النفط وصيانة أنابيب البترول والغاز وتجارة أجهزة حقول النفط والغاز

١٠٠٠٠٠٠,٠٠	رأس المال :
٢	سالم حمد الشدي
٣	ماجد عبدالله مزاع الشنبري (رئيس)
٤	علاء محمد عبد المغيث مقلبه
٥	
٦	
٧	
٨	
٩	
١٠	
١١	

احسب ما نص عليه عقد الشركة مع
سلطات المدير/المديرون:

البسم
 بأنه تم تسجيل الشركة المذكورة أعلاه بمدينة
 بتاريخ: ١٤٣٥/٠٧/٢٠
 رقم: ٣٥١٣٥٦١٨
 ١٤٤٠/٠٨/١٩
 بموجب الاتصال رقم:
 يشهد مكتب السجل التجاري بمدينة
 وتنتهي صلاحية الشهادة في ١٤٤٠/٠٨/١٩

مدير السجل التجاري للمركبات:

0.0000

7.2 APPENDIX B: LEGAL DOCUMENTS

B.2.1 SAUDIZATION Certificate

تاريخ الإصدار : 2017/05/30
رقم الشهادة : 2050044038
رابط التحقق : <http://mol.gov.sa/CERT>

مكامن
Makamin
شركة مكامن للخدمات البترولية
Makamin Petroleum Services Company
(L.L.C) شركة ذات مسؤولية محدودة

شهادة سعودة

السادة/أرامكو السعودية المحترمين

تشهد وزارة العمل بأن شركة مكامن للخدمات البترولية المسجلة في وزارة العمل برقم 4-75540 والحاملة لسجل تجاري رقم 2050048513 والصادر من مدينة الدمام قد حققت نسب التوطين المطلوبة منها، وتم منحها هذه الشهادة حسب طلبها لغرض التقديم على مناقصة تحديث بيانات علما بأن هذه الشهادة تستخدم لهذا الغرض فقط.
صالحة لغاية: 2017/08/30

وتقبلوا فائق التحية والتقدير،،
وزارة العمل السعودية.

الملكـة العربـية السـعودـية

اسم المفوض من قبل المنشأة

التوقيع

عتم المنشأة

الفرقة التجارية الصناعية للمنطقة الشرقية
التوقيع مطابـق دون أدنى مسؤولية عن محتويات الوثيقة
شركة مكامن للخدمات البترولية
17507 131252
1-275024191 17
16118726C

شركة مكامن للخدمات البترولية ذات مسؤولية محدودة
مكامن
Makamin
س.ت. ٢٠٥٠٠٤٨٥١٣
Makamin Petroleum Services Co. (L.L.C)

تنبيهات:

- ١ - لا تعتبر هذه الشهادة صالحة للاستخدام إلا بعد توقيعها وختمها من قبل المنشأة وتصديقها من الفرقة التجارية.
- ٢ - عتم وتوقيع المنشأة على هذه الشهادة بمثابة تعهد بصحة المعلومات.
- ٣ - تستطلع الجهات الحكومية التأكد من صحة الشهادة من خلال زيارتها لخدمة الاستعلام عن شهادة سعودة في موقع الوزارة الإلكتروني <http://mol.gov.sa/CERT>.
- ٤ - في حالة اكتشاف أي عملية تزوير في الشهادة المقدمة نرجو التبليغ عن ذلك بخطاب رسمي لأقرب مكتب عمل.

ص ب ١٣٠٥ الدمام ٣١٤٣١ المملكة العربية السعودية تليفون: ٨٠٥٥٩٦٦ ١٣ +٩٦٦ فاكس: ٨٢٥١٠٩٠ ١٣ +٩٦٦ س.ب ٢٠٥٠٠٤٨٥١٣
P.O. Box 1305 Dammam 31431 Kingdom of Saudi Arabia Tel.: +966 13 8055966 Fax: +966 13 8251090 C.R. 2050048513

B.2.2 SAUDIZATION Certificate

تاريخ الإصدار: 2017/05/30
رقم الشهادة: 20001705044056
رابط التحقق: <http://mol.gov.sa/CERT>

مكامن
Makamin

www.saudimakamin.com

شركة مكامن السعودية خدمات النفط والغاز
Saudi Makamin Company Oil And Gas Services

شهادة سعودة

السادة/أرامكو السعودية

المحترمين

تشهد وزارة العمل بأن فرع شركة مكامن السعودية لخدمات النفط والغاز المسجلة في وزارة العمل برقم 15-25144 والحاملة لسجل تجاري رقم 2051038139 والصادر من مدينة الدمام قد حققت نسب التوطين المطلوبة منها، وتم منحها هذه الشهادة حسب طلبها لغرض التقديم على مناقصة تحديث بيانات علما بأن هذه الشهادة تستخدم لهذا الغرض فقط.
صالحة لغاية: 2017/08/30

وتقبلوا فائق التحية والتقدير،،،
وزارة العمل السعودية.

اسم المفوض من قبل المنشأة

التوقيع

عتم المنشأة

الفرقة التجارية الصناعية للمنطقة الشرقية
الهاتف: ١٥١١١١١١
شركة مكامن السعودية لخدمات النفط والغاز
12307
151515
16118728C

١ - لا تعتبر هذه الشهادة صالحة للاستخدام إلا بعد توطينها وفتحها من قبل المنشأة وتصديقها من الفرقة التجارية.
٢ - عتم وتوقيع المنشأة على هذه الشهادة بمثابة تعهد بصحة المعلومات.
٣ - تستطيع الجهات الحكومية التأكد من صحة الشهادة من خلال زيارتها لحلمة الاستعلام عن شهادة سعودة في موقع الوزارة الإلكتروني <http://mol.gov.sa/CERT>.
٤ - في حالة اكتشاف أي عملية تزوير في الشهادة المقدمة لرجو التبليغ عن ذلك بحفظ رسمي لأقرب مكتب عمل.

Capital S.R. 1,200,000,000

Novotel Business Park, Al-Khobar, K.S.A - P.O.Box 147 Al-Khobar 31952 - Tel +966 13 847 0134 - Fax +966 13 858 7561 - C.R. No. 2051038139

7.3 APPENDIX C: LETTER OF APPRECIATIONS & COMPLETIONS

PPD/Oil & Gas Upstream Projects Division
Maintain Potential Abqaiq Construction Unit
R-245, Bldg. 1140, Abqaiq
Tel.: 572-3478, Fax: 572-6258
January 8, 2008

PPD/OGUPD-SH/L-002/08

TIE-IN SDGM – 547A/G 8"
OIL FLOWLINE TO SDGM
GOSP- 5
SFC NO: 6510267240
LETTER OF APPRECIATION

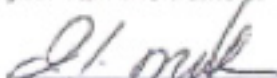
SAEED RADAD AL ZAHRANI CORPORATION
P. O. Box 6669, Dammam 31452,
Kingdom Of Saudi Arabia

Saudi ARAMCO PMT would like to express its appreciation to **SAEED RADAD AL ZAHRANI CORPORATION (SRACO)** for the outstanding performance in the construction of the above mentioned project.

Through dedication effort, your group has completed this project as per our accelerated schedule in an excellent manner. In addition, all work was done in accordance with Saudi ARAMCO Standards and Safe manner without any incident reported during the work period.

SAEED RADAD AL ZAHRANI CORPORATION has proven its strong capability as a new contractor in our department.

Please extend our utmost appreciation to all your staff and workers.



JAMAL I. AL-MUBARAK, Sr. Project Engr. (A)
PPD/O&GUPD/ABQAIQ UNIT

/BAO:

Cc: Project Manager
Sr. Project Engr./ Project Engineer
CTS/ Site Superintendent
Letter book

7.3 APPENDIX C: LETTER OF APPRECIATIONS & COMPLETIONS

أرامكو السعودية
Saudi Aramco



Certificate of Appreciation

MAKAMIN PETROLEUM SERVICES COMPANY

In grateful recognition of the invaluable task they shared

As Contractor for Shutdown Activity

This is to certify that above-mentioned Company
works for T and I Shutdown Activity at Shedgum GOSP-4

We would like to take this opportunity to express our appreciation for an excellent job and tremendous effort that the Company Personnel exerted in completion of seven (7) new tie-in points for MPFM at SHEDGUM GOSP-4 within the T and I Shutdown From September 28- October 23, 2012

Your Company's Highly Motivated Personnel, work ethics and attitude contributed greatly to the excellent performance of the a foresaid Project . This excellent workmanship and professionalism in handling the execution of this project in order to meet the targeted completion date.

I commend the company for good job, and strongly encourage to keep up the excellent work and wish you all success in your future projects

Engr. Ali A. Al- Amer
NGPD/NGMD/Project T&I Unit
T&I Director

7.3 APPENDIX C: LETTER OF APPRECIATIONS & COMPLETIONS



7.3 APPENDIX C: LETTER OF APPRECIATIONS & COMPLETIONS



This Certification is awarded to:

MAKAMIN PETROLEUM SERVICES COMPANY
PIPELINE SERVICES DIVISION

In recognition of significant contribution and acknowledgement of the company commitment and dedication towards in performing an excellent role as

Contractor for the T and I Shutdown Activities

in finishing installation of Multi-Phase Flow Meter and Associated Piping Tie-Ins in Hi-Quality and Safe Manner at Shedgum GOSP-4

Awarded this 24th of October 2012
At SHEDGUM GOSP-4 T and I Shutdown Activity

MOHAMMAD H. YAMI
SHEDGUM GOSP-4 PLANT FOREMAN

Yami
10/24/12

7.3 APPENDIX C: LETTER OF APPRECIATIONS & COMPLETIONS

Member of Fouad Alghanim & Sons Group of Companies



أحدى شركات مجموعة فؤاد الغانم وأولاده

شركة الغانم انترناشيونال للتجارة العامة والمقاولات ذ.م.م *Alghanim International General Trading & Contracting Co. W.L.L.*

Date : 29th Jan. 2011

Ref : AGI/GTG/SRA/L- 06/11

Certificate of Project Completion

This certificate is presented to

*Mr. Mohammed AL-Shaye, Executive Director
In behalf of Saudi Makamin , SRA Petroleum Services Company (L.L.C)*

For his outstanding support and completion of our 4th Gas Turbine Generator Plant Project in
Khaffi Joint Operation at Khaffi, Kingdom of Saudi Arabia, in the field of Non-Destructive
Inspection (RT, MT, PT, UTT).

We would like to thank all of his staff and personnel who are involve in the project.

Awarded this 29th day of January 2011

QA/QC MANAGER
(PRAMOD PRABHAKARAN)

PROJECT MANAGER
(A.K.MITRA)

PROJECT DIRECTOR
(M.I. ASPHAHANI)

Alghanim International
Mohamed Asphahani 29 Jan. 11

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الكتاب الرئيسي : هاتف : ٢٢٢٢٢٢٢٢ / ٢٢٢٢٢٢٢٢ - فاكس : ٢٢٢٢٢٢٢٢ / ٢٢٢٢٢٢٢٢ - ص.ب. : ٢٢٢٢٢٢٢٢ - الكويت
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http://www.fouad-ghanim.com





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