

SARVAK Kish Drilling Services
Superior Knowledge, Different Solutions



SARVAK Kish Drilling Services



Superior Knowledge, Different Solutions

www.sarvakk.com



Head Office:

No.15, Sattari Ave., Africa Blvd., Tehran, Iran

Tel: (+98 21) 8101 3000 Fax (+98 21) 8887 2832
info@sarvakk.com

www.sarvakk.com

TABLE OF CONTENTS

Sarvak in Brief	02
Management & Engineering	03
HSEQ	04
Quality control & Technical Inspection	05
Cementing Design & Laboratory	06
Cementing Services	07
Tubular Running Services	08
H ₂ S Safety Services	10
Wellhead Services	12
Drilling Fluids & Waste Management	14

SARVAK in Brief

Sarvak Kish Engineering and Drilling Services Company (SDS) is a subsidiary of Global Petro Tech Kish Company (GPTK). The company is registered in 2008 in Kish island with its headquarter in Tehran. Sarvak Kish was established with the vision of being one of the largest Iranian service companies.

In line with Sarvak Kish vision and with the aim of standardizing the activities, Sarvak Kish proudly managed to be granted the IMS licenses by implementing an integrated management system in August 2011, which is still valid according to the audits and is being renewed every year. Meanwhile the attainment of the global award of commitment to quality, based on QCI00 from the BID organization, is yet another achievement of the company.

Sarvak Kish Co.'s main range of services, in brief, are as follows:

- Management of integrated drilling services
- Engineering and implementing drilling services
- Providing materials/equipment for drilling services

Sarvak Kish has expanded its activities over the past years and now manages and implements five major drilling services (Cementing, Drilling fluids and waste management, Wellhead services, Tubular running and H2S safety) out of all main drilling services with one well-equipped offshore and three onshore bases.

Sarvak Kish proudly announces that with a bright outlook and with the aim of enhancing the company's compatibility to the market, the company is planning to add several other drilling services to its basket in near future.

CEO

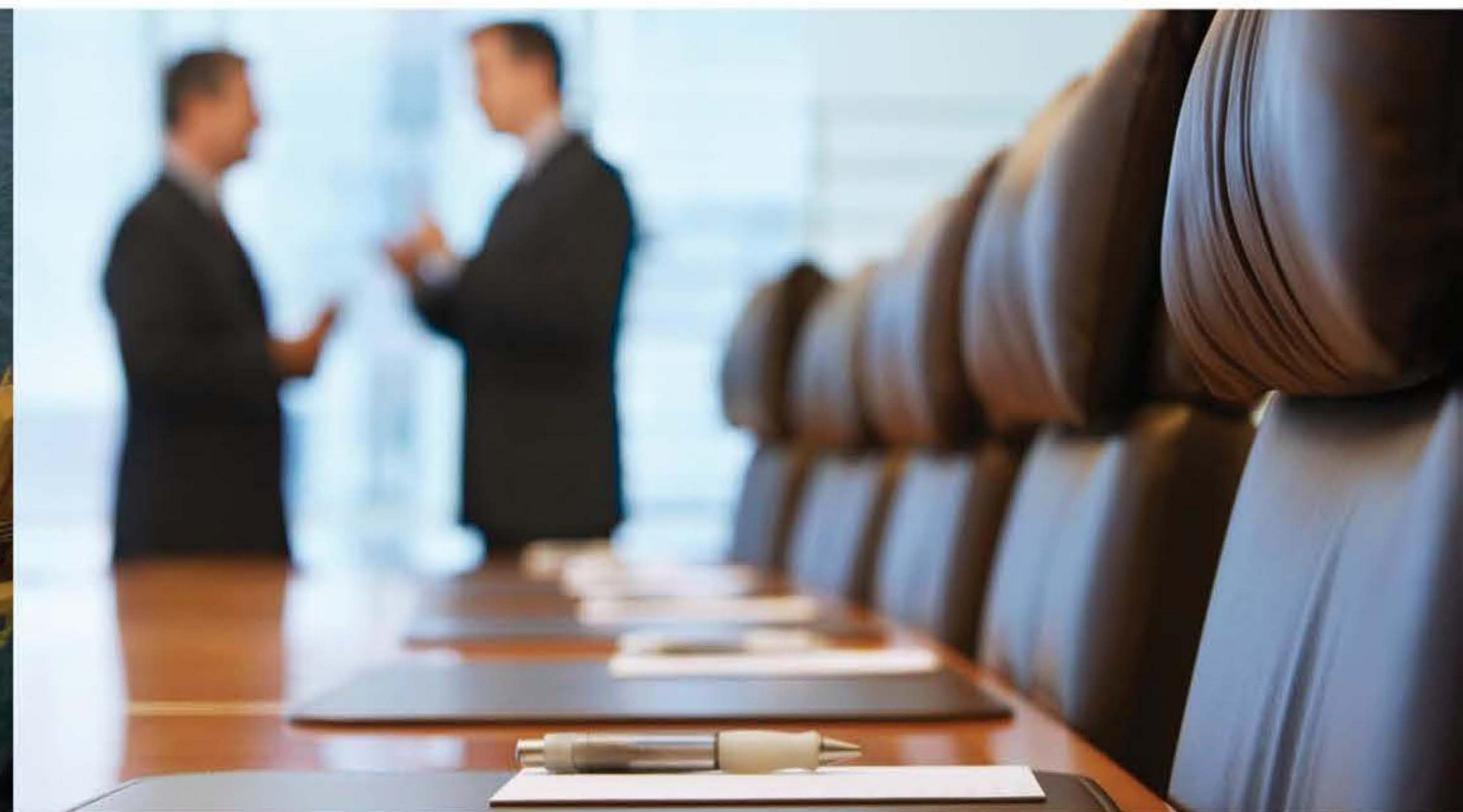
SARVAK Management and Engineering

Sarvak Kish Engineering and Drilling Services Company (SKDS) as a drilling company has been involved in integrated drilling services in offshore and onshore projects.

SKDS is proactively improving its management and engineering capabilities in following areas:

- Engineering and supervision
- Inspection, maintenance and quality control
- Project control systems
- HSE and quality assurance
- Human resources management and on-the-job training

We do believe our management and engineering teams are capable of executing various projects involved in integrated management system.





We focus on improving our services while protecting our people and the environment in which we work. The main objects are to satisfy the stakeholders in the following three areas:

- a) Quality assurance;
- b) Occupational health and safety;
- c) Environment.

It is our policy to:

Provide and ensure a safe working environment, conditions and equipment, coupled with training that will provide our employees with the knowledge and information necessary to safely carry out their assigned duties. We make sure that our services are performed in such a way as to protect the environment and, where possible, assist our clients and subcontractors to do the same. The health and safety of our employees, clients and customers, subcontractors and third parties is important to us and we do our best to provide a safe and healthy working environment. Protecting our working environment and that of the communities where we work and live with, in our projects and assigned operations.

We are committed to:

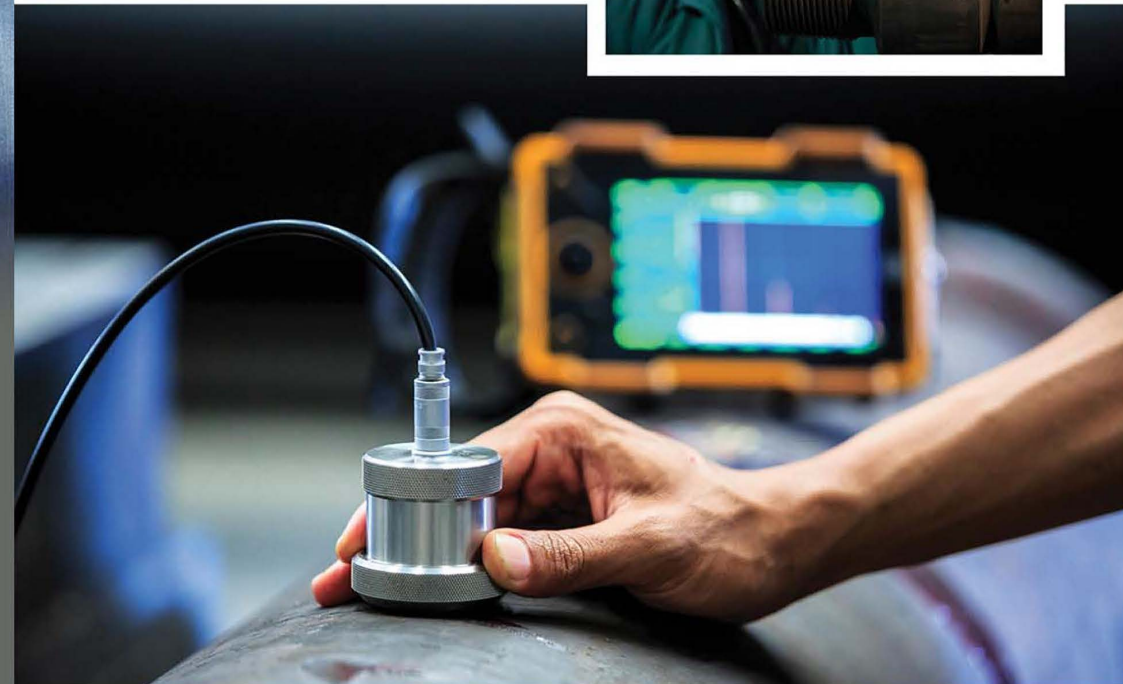
Meet or exceed our client's quality expectations, the first time and every time, through the application of proven quality principles at all levels of our service processes. Improving the quality of our services is a basic value of the organization and all the people are trained to follow such rules. As defined in our IMS system, all employees are in charge of the quality and their works is monitored by measuring proper KPI's for each operation, process and procedure

Sarvak Certified Management Systems:

We have established integrated management system (IMS) according to ISO9001, ISO14001, OHSAS18001 and ISO/TS29001 which is certified by Moody International Certification (MIC) at 2011 and is still valid based on surveillance audits.

Quality Control and Technical Inspection main duties:

- **Inspecting and monitoring equipment.** All drilling and completion equipment shall be delivered in accordance with the relevant industry standards. We use third party companies for inspecting equipment.
- **Calibrating gauges and sensors.** Flawless function of all sensors and gauges depends on their timely calibration based on the latest industry standards.
- **Quality Control of cement and drilling fluids materials and additives.** Quality control department has standard procedures from sampling to testing to ensure best operation quality is delivered to the client.
- **Quality control in drilling operations.** QC department supervises both personnel and equipment in operation to guarantee an excellent execution.





Sarvak cementing laboratory provides modern testing methods to meet latest American petroleum institute's (API) specifications and recommended practices. Our Cementing laboratory is well-equipped for testing of cement additives and chemicals with all API testing Equipment including but not limited to:

- High Temperature, High Pressure Cement Slurry Consistometer (HPHT)-OFITE Brand Model 2025
- Twin Cell Ultrasonic Cement Analyzer
- Atmospheric Consistometer, Model 60, 220 V
- Constant Speed Blender, Model 20
- Fann Viscometer, Model 900 V
- HPHT Filter Press 500MI Double End, N2
- Pressurized Mud Balance
- Water bath
- Carver, Model M Laboratory Press with Safety

Besides performing API tests, Sarvak engineering team is able to design cementing programs for all primary and remedial operations. Our designs are tailored to the specifications and requirements of the projects.

A well-equipped laboratory along with an industrious and elite team of engineers gives Sarvak Kish the opportunity to run its projects the best possible way.



Sarvak's cementing department is the core strength of the company and has successfully delivered various onshore and offshore projects.

In brief, Sarvak possess the following equipment:

- 1 sets of dual cementing pump, Skid (HD 400) with all of connections and Irons.
- 1 sets of dual cementing pump trailer (HD400) with all of connections and Irons.
- Full package of cement heads of all sizes
- 30 cement silos, with the capacity of 1050 ft3 each
- 3 Cutting bottles, with capacity of 250 ft3 each
- Full package of air compressor and Booster pumps
- 3 Bulk cement tankers.
- 1 set of Cement lab equipment (OFITE brand)
- Offshore and onshore operational bases

Sarvak delivers services that address major cementing challenges such as gas migration, loss of circulation and sustained annulus pressure.



SARVAK Tubular Running Services

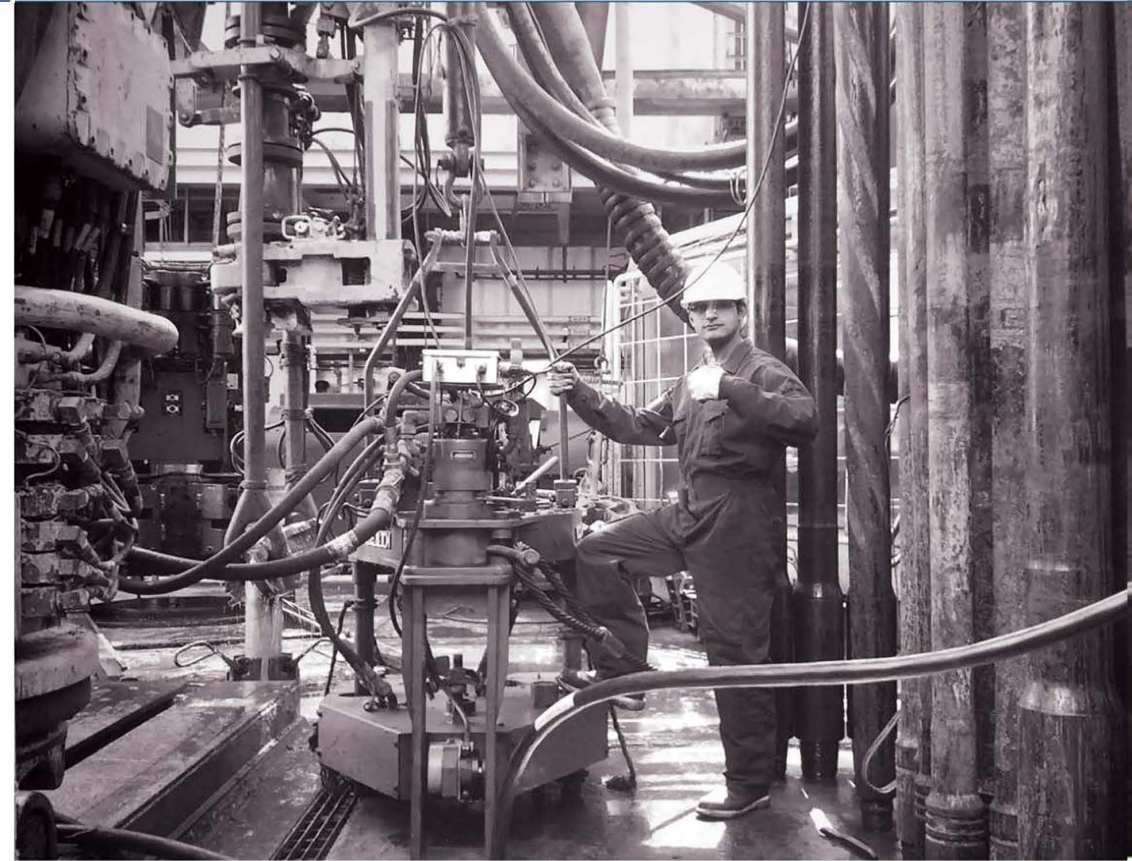


Sarvak provides equipment, materials and tools to conduct reliable casing and tubular running operations. Our tubular running services facilitate safe and efficient running of tubular while minimizing an operation risk and also minimizes nonproductive time.

In brief, Sarvak possess the following equipment:

- 15 Sets of Hydraulic Power Unit C/W Hoses, Connectors and Accessories
- 4 Sets of FARR Hydraulic Power Tong KT 20000
- 2 Sets of FARR Hydraulic Power Tong KT 16000
- 2 Sets of FARR Hydraulic Power Tong KT 13625
- 4 Sets of FARR Hydraulic Power Tong KT 8625
- 1 Set of LAMB Hydraulic Power Tong 16K
- 4 Sets of Jam System (WINCATT @7)
- 2 Sets of Fill up Tools 7" to 20"
- Manual Tong 9 5/8" to 30"
- 4 Sets of FMS-375 Flush Mounted Slips
- 6 Sets of 500 Ton Spider Elevator and Slips
- 6 Sets of 350 Ton Spider Elevator and Slips
- HYC & YT Slips/elevator 2 1/16" to 7 5/8"
- Side Door & Single Joint Elevator 2 3/8" to 30"
- Hand Slips and Safety Clamp 2 7/8" to 20"

SARVAK Kish Drilling Services



Casing Running Services

www.sarvakk.com



SARVAK H₂S Safety Services



Sarvak's H₂S department possess 3 sets of onshore H₂S packages and 3 sets of offshore H₂S packages. The H₂S packages include "Breathing air cascade system" with breathing apparatus and gas detection. Sarvak is also capable of providing spare parts and maintaining its equipment. The H₂S service provision includes the induction training of all personnel in the operation and use of the equipment provided for their protection and contingency measures to be adopted in the event of H₂S scenario. To meet current market demand, Sarvak is adding more onshore and offshore units to its H₂S service.

www.sarvakk.com



SARVAK
Kish Drilling Services



Sarvak's Wellhead Services currently possess a Full package of equipment as well as a highly experienced team of employees who have delivered several successful projects.

Our Wellhead department has recently added Mud Line Suspension Services to its portfolio and provides services to offshore projects as well.

Considering the market demand, we are actively pursuing our desire to extend our Wellhead services by adding new tools and equipment.



www.sarvakk.com

SARVAK Drilling Fluids and Waste Management Services

Sarvak kish Drilling Fluids and waste management (DF) team is committed to providing high quality products and services. Our operating philosophy is based on strong technical alliances with our customers and collaboration with operators in business. Sarvak kish Drilling Fluids and waste management Services has well-situated warehouses and plants, a professional research and development team which is responsible for creating new services and a workforce fully committed to safe practices and environmental responsibilities.

The DF department has provided several multimillion dollar projects successfully since its debut in 2015 in Iranian onshore fields such as azar, saadat Abad, Zelaei and so on. We are planning to start our first offshore DF campaign in very near future in an exploration project.



SARVAK Kish Drilling Services



SARVAK Kish Drilling Services

