



AL-KHORAYEF INDUSTRIES LABORATORY TO MAINTAIN HIGH QUALITY PRODUCTS

The Quality assurance laboratory of Al-Khorayef group of companies is considered an essential support service part for its role in maintaining the high quality industries.

The heavily equipped lab is an integral part of Al Khorayef which had already obtained. ISO 9002 Certificate. The lab provides additional services to customers who seek high quality services and specialized requirements



like **calibrations, micrometers to probe the depth, pressure testing equipment and other high tech measurement tools.**

In addition to that, other facilities were developed to test and support the various industries of Al-Khorayef Group by using standard devices operated by highly qualified engineers and skillfull technicians employed by the Company.

Al-Khorayef services in this field include:



- include:**
- Metal tension and pressure tests;(stress, strain and curves).
 - Metal hardness tests; (Brenil and Orokweel).
 - Metal Fatigue of irons tests.

These services were extended to our customers in various industries within competitive and minimum prices as well as high quality results.

P.O. Box 42852 Riyadh 11551 Kingdom of Saudi Arabia Tel. 265057 (Ext. 281) Fax 2652348
E.mail:factory@Khorayef.com



Editorial

THANKS FOR ALL

Once the first edition was issued, we began to receive many letters. Some of them were encouraging and others were criticizing. The bulletin conveys its appreciation and warm thanks to all those who encouraged us. At the same time, it hopes that those who showed their views and notes about the first edition to accept our apologies, bearing in mind that it was the first step on a long road and a new experience. We deeply and wholeheartedly thank them and insure that their views will keep us in the right direction to achieve the best results.

Once again the bulletin conveys its thanks to all readers of both sexes, who reacted to the first edition. We invite them all (those who encouraged, criticised us as well as those who participated in the competition) to keep in touch hoping our efforts conclude to whatever is better for us all.



Saud Abdulaziz Alswailem

AL KHORAYEF

Chief, Board of Directors and General Supervisor

Abdulrahman Abdullah Al-Khorayef

Chief Editor

Saud Abdulaziz Alswailem

INNOVATION AWARD FOR YAMAHA F100

Recently, in February 1999, at the Miami Boat Show, the new 4-stroke Yamaha model, was selected as winner by one of the US's oldest and most respected marine magazines.

Prior to the selection, Motor Boating & Sailing magazine conducted tests of the F100 in Florida late last year, where the editors were impressed with the motor's hole-

shot performances.

Skiers, cruisers and fishermen will be pleased by its fuel economy and reduced cost of operation.

Al Khorayef of marine division was chosen by Yamaha Motor Co.Ltd, To be the first/ sole distributor among the other GCC countries to start the monitoring of this model in the Red Sea in June 1999.

Al-Khorayef Agricultural Projects Company



Riyadh 11583 P. O. Box 53390
Tel: 4351479-4351480 Fax: 4352968

Abdullah Ibrahim Al-Khorayef's Sons Company



Riyadh 11411 P. O. Box 305
Tel: 4351479-4351480 Fax: 4358852

Al-Khorayef Company for Maintenance & Operation



Riyadh 11595 P. O. Box 62637
Tel: 4351479 Fax: 4357410

Saudi Parts Center for Spare Parts Ltd.



Riyadh 11551 P. O. Box 42679
Tel: 4950917-4953479 Fax: 4953351

Al-Nakheel Paper Industries Company



Riyadh 11416 P. O. Box 22815
Tel: 2650201 Fax: 2650182

Trans Orient for Modern Machineres (Ltd.)



Head Office:
Riyadh 11412 P. O. Box 4605
Tel: (01) 4786161 Fax: (01) 4775439

Jeddah Branch:
Jeddah 21483 P. O. Box 12826
Tel: (02) 6510375 Fax: (02) 6711484

Dammam Branch:
Dammam 31478 P. O. Box 34892
Tel: (03) 8325549 Fax: (03) 8321991

The Company Message

To Strive for leadership in all of its business activities by supplying quality products together with professional after sales support through its carefully selected and highly performing employees and to play avital role in technology transfer and enviroment protection.

Saudi Instalment House



Riyadh 11451 P. O. Box 18331
Tel: 4925000 Fax: 4922570
Buraidah
Tel: 3235525 Fax: 3244813

Al-Khorayef Western Layne Pump Company (Ltd.)



Riyadh 1151 P. O. Box 42852
Tel: 2651124 - 2652057 Fax: 2652348

Al-Khorayef Commercial Company (Ltd.)



Riyadh 11411 P. O. Box 305
Tel: 4955452 Fax: 4950261

Al-Khorayef for Management Services (AMS)



Riyadh 11411 P. O. Box 305
Tel: 4600858 Fax: 4600815

All correspondents should be sent to Editor -in-Chief,
Director General, Human Resources Department
P. O. Box 304, Riyadh 11411
Tel: 01/4955452 Fax: 01/4950261



1- On January 30th,1999, the third annual dealers meeting was held at AlHamra Sofotel Hotel (Jeddah).

The Presence of sheikh Saad Al Khorayef as well the Yamaha Sales & Service senoir Manager, have given to all dealers more confidence, trust and security to work with Al Khorayef.

The results were higher than expected.

Delegations from International Companies Visited Al-Khorayef

A number of delegations representing various international companies and establishments, paid lately a probing visit to the company's headquarters. They constitute a delegation from INSTRNATIONAL JOHN DEER, VOLVO BENTA, AND ARAMCO.

Distinguished Efforts in Agricultural Equipment Committee.

SASO thanks Al-Khorayef

Praising his invaluable efforts: Saudi Commission for Specification and Standards extended appreciation to engineer M. Shurbatji.

Eng. Mahmood Shurbatji, the marketing manager in the agricultural division of Al-Khorayef Co. received a letter of appreciation from the Saudi Commission of Standards and Specification for his efforts and participation in the Committee of agriculture equipment.

During his tenure of membership representing al-Khorayef Co., engineer Al-Shurbatji Contributed a lot in establishing the specification of standard agricultural pumps in Saudi Arabia.

Lecture about Centrillift Pumps

"American Centrillift Pumps" was the topic of a lecture organized by the petroleum division on Nov. 3,99 at the Training Hall in Riyadh. The lecture was attended by delegations from different government departments including Ministry of Agriculture and military industries and some other private sector groups. Mr. Welar. the general manager of the training center of Centrillift Pumps gave a very useful lecture and answered the questions raised by the audience.

It is worth mentioning "Al-Khorayef" is the sole agent in Saudi Arabia for Centrillift pumps. Al-Khorayef has been organizing similar lectures to ensure the best services in this field for markets in Gulf area.

Centrillift is part of the greater leading company "Backe Huze" Specialized in Pumps technology, mainly, the



electrical Submergible ones. It is also the only manufacturer of the internal component's the pump like cables and other control equipment. The experts of Central Pumps are conducting regular and continuous tests for the product. to ensure the good quality of E.S.P to satisfy the difficult requirements of the customers.

After President Mubarak's visit to its project in East Owainat area in Egypt,

Al-Khorayef Agricultural Company drew the attention of senior officials abroad

Reportage by:
Ali Mohammed Al-Ghareeb

As if Al-Khorayef for Agricultural Projects has taken on herself since its foundation by the late, Abdullah bin Ibrahim Al-Khoryaef- to transform arid areas and deserts with hard topographical conditions to green meadows and be a food tributary that achieves the balance and effective participation in ensuring the basic food security sources of cereals, vegetables, dates, fruits, meat and edible oils.

In this report we will try to provide the most important achievements of this giant company, which went far away along the road of international civilization, and could compete with big international firms in the field of agricultural projects, since its foundation up to its contribution in the agricultural development in the Kingdom and neighboring countries. We will also try to preview the future projects of this giant agricultural edifice.

Food Security Enhancement

Al-Khorayef for Agricultural Projects was established in 1388H, (1968), where mechanization and modern machineries were first introduced. Al-Khorayef for Agricultural Projects is the first Saudi company that uses the axial sprinklers in the Kingdom. It practically uses this system in the farms in al-Righaib Area.

The company, later, extended its agricultural activities and established its modern agricultural projects in Dairab, Al-Wasea, Wadi Al-Dawasir and Al-Jouf on a total area that exceeds 70,000 hectares, by using the latest technology in modern agriculture.

Al-Khorayef for Agricultural Projects is one of the basic branches of the old Al-khorayef Group of Compa-

nies and Development. It participates with its peers in the production of agricultural crops, which enhance the food security sources in the country.

Administrative Sections

The Company's main building is located in Riyadh, where the general administration,

which is concerned with preparation of plans, agricultural programs, budgeting and direction of the concerned bodies to implement these plans in the various projects of the company.

- **Al-Khorayef for Agricultural Projects uses heavy machineries in preparing lands and light ones in crop harvesting.**
- **We intend to establish an untraditional poultry project.**

Concern about the animal production

The company is concerned with the agricultural, animal production and food industry. The most important agricultural crops are: cereals, vegetables, fruits and fodder crops. The company is efficiently capable to reach high rates of production. The wheat production has exceeded 8 tons/h, potatoes 35 tons/h and onion 46 tons/h. Its fruit production is different, in quantity and quality from other Compaies. It includes plums, apricots, peaches, pears, apples and olives (usually processed for oil).



President Mubarak

The company has another field of concern. It is concerned with animal production. It established a big project for breeding sheeps and fattening them in Al-Jouf Agricultural project with a capacity of 10,000 head of sheeps every month and a half.

The fodder production has reached more than 30,000 tons of clover and rodoss. Thus the administration is able to satisfy the requirements of many clients, such as Al-Safi Dairy Farms, which is the largest integrated dairy farm in the world. These farms are provided with more than 30,000 tons of fodder crops during the past two years.

To satisfy the client requirements, the company has started cultivating special axes for each client, separately, so that - the crops are for one customer during specific periods.

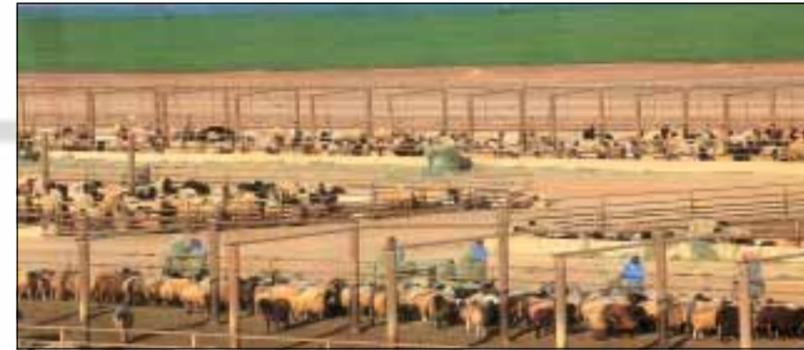
Old Experience

The old experience and the giant machineries enabled the company to exploit the modern agricultural technologies to grade the rough topography of the lands suitable for agriculture in different regions.

With the middle machineries, the company is able to cultivate, follow-up and care for agriculture, with the light machineries it harvests crops easily.

The good and strong relationship of this company with other sister companies in Al-Khorayef Group, has the real effect in achieving the success and harvesting its good results.

What distinguishes Al-Khorayef for Agricultural Projects is that it



combined the qualified technical cadres and modern machines.

Focus of senior officials abroad

Al-Khorayef for Agricultural Projects, by cooperation with the big sister company Al-Khorayef Commercial, could proceed successfully from domestic to foreign horizons. The transfer of equipment and modern machineries to



Engineer Marzoq Al-Humain
The General Manager of Al-Khorayef for Agricultural Projects

the company's project in East Owainat area, in Arab Republic of Egypt was completed. The Group teams undertook the supervision, planning and administration. The production in this project reached a record rate of 8-5 tons/h of wheat, 10 tons/h of barley and 3 tons/h of chick-pea. This production drew the attention of senior officials there.

President Mubarak visited the project last year and showed complete satisfaction. Demands increased as to the equipment and machineries of this Group for establishing neighboring projects and in other parts in Egypt.

Future Projects

Engineer Marzoq Al-Humain, General Manager of Al-Khorayef for Agricultural Projects, said that the future projects of the company are numerous. Among them for example:

- Continued concern about the national

abilities and cadres, affiliated to this company, would be developed consistently with future ambitions.

- Maintenance of good reputation of this company by development of performance and production.

- Rationalization of the practical usage of water, in response to the high national directives in this field.

- Starting the implementation of modern technological means

to produce various agricultural crops free of chemical fertilizers to provide healthy food.

- According to the desire of the clients, the company will soon open stores to provide markets with substantial amounts of vegetables, fruits, meat and oil of its production.

- The company started to use its capabilities and experience in cultivating crops desired by clients any time they need it e.g vegetables, onion, potatoes or fodder crops.

- There are other things, where studies reached advanced stages, such as the intention of the company to establish the following:

- * Poultry project other than the existing traditional projects where special feeding system is followed so as to meet the demands of clients.

- * Expansion in manufacturing the products of the company e.g oils, dates, pickled vegetables and fruits.

Short News

- The Agricultural division of Al-Khorayef Commercial Company participated in the agricultural show held in Riyadh during 3-7/10/1999, and which was opened by H. E the Minister of Agriculture, who visited Al-Khorayef pavilion and lauded the displayed products.

- The marine division held a meeting for the distributors in Jeddah attended by all distributors of the company products. Chant Periodical issued by Yamaha International cited this meeting on its pages.

- Yamaha engine F100 won the best engine prize displayed in the boat exhibition held last February 1999 in Miami.

- Olive oil produced by Al-Khorayef for Agricultural Projects in Al-Jouf branch has appeared in the markets lately. This oil is regarded as No. 1 edible oil.

- The Chadian Minister of Tourism Sikamby Bisani accompanied by the Chadian ambassador to the Kingdom payed a visit to Al-Khorayef Commercial Company. He was received by engineer Mohammed Al-Khorayef who welcomed the guest and provided him with a complete presentation about the Company and its fields of work. The two parties discussed the mutual means of cooperation in joint specializations and concerns between Al-Khorayef company and counterparts in Chad and consultations which can be provided by Al-Khorayef in its field of work.

Areas and Cultivated Crops for the 98/98 Season and their Distribution among Projects

Crop	Wadi Al-Dawasir		Al-Jouf		Al-Righaib		Al-Ahmadiyah		Al-Wasea		Dairab		Total	
	Area in hectares	No. of Axes												
Wheat	17	1	-	-	-	-	-	-	293	5	636	15	946	21
Clover	-	-	-	-	-	-	-	-	241	5	1965	560	2206	55
Rodass	55	3	112	6	255	12	93	5	-	-	-	-	515	26
Potatoes	-	-	-	-	-	-	-	-	42	1	-	-	42	1
Onion	-	-	37	3	-	-	-	-	100	2	80	2	217	7
Water melons & melons	-	-	14	-	-	-	-	-	13	1	28	2	55	3
Total	72	4	163	9	225	12	93	5	689	14	2709	69	3981	113



Welcome

Mr. Turki Al-Dhihyan resumed his work in the Agricultural Section as the Assistant General Manager for after-sale department on 3/10/1999. We wish him success and progress.



Ideal Employee



The company in a token of encouragement to all its faithful and hard-working employees, as well as honoring their efforts exerted, has chosen Mohammed Madani, office Manager, Chief of Al-Khorayef Commercial Company, as the employee of this year.

* The name of the founder of Al-Khorayef Group was written wrongly in the last edition. It was mentioned Sheikh Abdulrahman Ibraim Al-Khorayef. The correct name is Sheikh Abdullah Ibrahim Al-Khorayef.

* In our congratulations to Mr. Iyad Thabit Al-A'ni on the occasion of his promotion to a branch manager of Wadi Al-Dawasir, we wrote his name wrongly. Best wishes to brother Iyad and more progress.

Correction

Quranic Miracles

in the Description of Water Cycle

by chemical engineer
Jamal Mahmoud Ahmed

Ancient civilizations showed great interest in what is called water cycle. This is illustrated from existing remains of ancient water installations with some of them are found along the known rivers. The famous Ma'rib Dam is one of the greatest examples.

The first man did not try to know the nature of the water cycle. Researchers, for several hundred years, did not think in linking the origin of creeks and rivers directly to rainfall. They thought of large underground reservoirs that feed all surface water. This concept continued up to the sixteenth century until the emergence of Bernard Balipsy principle.

Water is the only source of rivers and springs. Holy Quran did describe this cycle in a detailed and accurate description 1500 years ago, which is now regarded as aculturat knowledge and necessary science. This confirms the validity of the Holy Quran in all times and paces. Holy Quran will continue to be the origin and source of all sciences, life legislations and all what is related to life of mankind. our God (be praised) says in verse (18) of Al-Muninin: (And we send down water from the sky according to (due) measure, and We cause it to soak in the soil. And We certainly are able to drain it off (with ease).

Rain water penetrates soil and becomes underground water for several thousand years.

God Almighty again tells us in verse (21) of Az-Zumar: (Seest thou not that Allah sends down rain from the sky, and leads it through springs in the earth?..)

Here the verse defines the source of springs and rivers. Thus the Holy Quran describes accurately that springs and rivers come from rain water that penetrates the soil first, where the quantity of rain water seems very little compared to the unpotable saline water.

After studying international water sources, it is realized that mankind has enough water for their requirements. This is one of Allah's miracles. Allah Almighty Said in Verse (21) and (22) of Al-Hijr: (And there is not a thing But its (sources and) treasures (inexhaustible) are with Us, But we only send down thereof in due and ascertainable measures) and (And we send fecundating winds, they cause the rain to descend from the sky, therewith providing you with water (in abundance), though ye are not the guardians of its stores.)

Thus human beings are the cause of disturbances and disorders of the water cyde by inducing carbon dioxide in atomsphere, which in turn leads to the fall of the harmful acid rains, and their understanding to the water cycle does not mean that they have the ability to control it. They have to rely totally on the "Creator", Allah be praised, and have wisdom from what Allah Almighty says in verse (30) of Al-Mulk: (Say. "See ye? if your stream be some morning lost (in the underground earth), who then can supply you with clear flowing water?")