

*Introduction for structure facilities,
capabilities & activities of*

Taban Niroot Sepahan Co.

(Private Joint Stock)

Registration No 11843

TABAN NIROO SEPAHAN COMPANY (PRIVATE JOINT STOCK)

Introduction for structure facilities, capabilities & activities

Registration No 11843

Company's history and subject of its activities:

Taban Niroo Sepahan Co. (Private Joint Stock), affiliated to Takado was established in 1996 in Esfahan Steel Co. (ESCo) and focused its activity in engineering services, manufacturing, maintenance & repair of energetic industries' equipment.

Taban Niroo Sepahan Co. by having professional manpower, using today technical knowledge, years of experience is active in the following fields:

- 1- Mount, commissioning, maintenance & repair of electric machines (high/low voltage).
- 2- Maintenance & repair of cable networks, high and low voltage equipment such as transformers and switches.
- 3- Maintenance & repair and assembling of power plant equipment, freezing and heating, water & industrial waste refining, industrial oxygen plant equipment & industrial water and gas supply networks.
- 4- Performing predictive maintenance system by using Condition Monitoring system and the following tests: vibrations, electrical tests, thermography, gas chromatography, analysis of electric current, gear box oil tests, non destructive tests & etc...
- 5- Ceramic Magnet Production
- 6- Calibration of measuring equipment in categories of electrical, temperature, pressure, dimension, mass, and volume.
- 7- Presenting training courses in field of standardization, management systems, technical engineering services in electric and electronic, calibration, weights and measures and issuing relevant valid certificates.
- 8- Rendering all engineering services in the field of automation & communication.
- 9- Rendering designing, manufacturing, installation, maintenance & repairs of heavy & super heavy workshop crane services.
- 10- Offering services for demolishing of ASKAREL oil and equipment polluted with ASAKREL
- 11- Reconstruction and retrofit of high and medium voltage electric equipment.

GOALS:

- 1- Investment in performing production/industrial projects in the field of energetic industries.
- 2- Techno/economical participation in performing big projects of the country beside other companies affiliated to Takado co. considering potential capabilities of the company and proper use of the facilities of Takado group.
- 3- Cooperation with reputable local & foreign companies in order to use their latest technical know how and experience in the field of engineering services, manufacturing, maintenance & repair of energetic equipment.
- 4- Developing and improving activities of the electric & mechanic workshops with the use of necessary hardware & software in order to design and manufacture of energetic equipment according to the international standards.

Quality policy

The primary policy of Taban Niroo Sepahan Co. is to render manufacturing, installation, maintenance and repair of equipment of the energetic industries by providing an eligible condition based on discipline, creativity and ability of its personnel as well as making use of the experienced and capable individuals and trying to gain further satisfaction of its customers. To realize & assure its long term goals, this company has selected requirements of ISO 9001:2000, ISO 140001:2004, and OHSAS 18001:2007 for its quality management system and for realization such requirement defines its general strategies as follow.

- 1- Understanding and meeting needs of its customers by providing quality products and services for the purpose of satisfying its customers.
- 2- Developing share of the company in internal markets by continuous improvement of equipments and technical capabilities.
- 3- Continuous improvement in processes and applying suitable control mechanisms by implementation proper statistical techniques and making use of creativity and innovation of the personnel for assuring realization of quality goals.
- 4- Continuous and effective training of the company's personnel as its most valuable capital for improving its technical and scientific knowledge.
- 5- Creating necessary incentives in personnel for increasing their share level in the company by taking advantage of the most effective incentive methods.

HONORS:

- 1- 30 years of experience while having expert personnel in the field of maintenance & repair of energetic and steel industries' equipment
- 2- Holding ISO 9001:2000, ISO 14001:2004, OHSAS 18001:2007 certificate from DNV Co.
- 3- The first producer of constant ceramic magnet in the Middle East
- 4- Accredited partner of Iran Industrial Researches & Standard Institute in the field of equipment calibration as well as testing weighing devices.
- 5- Getting golden award and memorial plate from the first Sheikh Bahaei festival in work opportunity creators division for continuous activities in magnetic materials research & development in Iran and for being the first producer of the constant ceramic magnet in the Middle East.
- 6- Having the most equipped maintenance & repair workshops for electrical machines, transformers & high/low voltage equipment with long experience in Iran
- 7- The first Iranian company to initiate action for demolishing transformers polluted with ASKAREL oil based on BAZEL convention rules all over Iran with cooperation of ENVIO company and ratifying the first treaty in this regard with MSCO
- 8- Member of Society of Iranian Petroleum Industries Equipment Manufacturers
- 9- Legal member of committee of Iranian electrical & electronic engineers, Isfahan branch.
- 10- Taking the first grade training certificate in national level from Iran standard and industrial research institute in field of standardization, management systems, calibration and technical engineering in electric and electronics, weights and measures.
- 11- Achieving the first rank in upholding of education qualification from Iran Standard And Industrial Investigation Organization in calibration. (Mass, volume, pressure, temperature, dimension and electrical quantity)
- 12- Invest & cooperation in 3 affiliated companies with the following activities:

No.	<u>Company Name</u>	<u>Field of Activity</u>
1	Narin Niroom	DC Motors Production
2	Taban Magnetic Material Development	Ceramic Magnet Production
3	Farman Khodro	Steering System Production

REPRESENTATION/COOPERATION WITH REPUTED FOREIGN COMPANIES:

- 1- Exclusive representative for selling and giving after sale services from ASKUSCHOLTEN (Germany) with 115 years of experience in manufacturing industrial cranes

- 2- Exclusive representative of German company, ENVIO, in Iran for demolishing equipment polluted with ASKAREL oil.

- 3- Exclusive Representative of ASPA CALIBRATION SERVICE Co. & direct cooperation with QINETIQ CO. (UK) for rendering calibration services in Iran

- 4- Cooperation with WYKO CO. (UK) for maintenance & repairs of energetic industries equipment and preventive repairs in Iran

- 5- Cooperation with EMIS CO. (UK) for calibration, maintenance and repair of equipment (mainly equipment of oil and gas industries)

- 6- Cooperation with HILATEX CO. (UK) in trading equipment & electrical raw materials (High/low voltage).

- 7- Exclusive cooperation agreement of Ukrainian Company KOTLOENERGOPROM with TABAN NIROO in engineering and design of powerhouse boilers equipments.

- 8- Cooperation with GSB (Germany) in rehabilitation & revamping (RETROFIT) of low & high voltage Electrical Equipment

- 9- cooperation with SHANDONG MACHINERY CO. (China) in field of supplying required equipment and presenting engineering services to energetic industries.

SOME OF THE INNOVATIONS & RESEARCHES WHICH HAVE BEEN CARRIED OUT BY THIS COMPANY FOR THE FIRST TIME IN IRAN

1- Innovations:

- A) Design and manufacture of magnetic fuel reduction system for automobiles combustion system.
- B) Design and manufacture of magnetic sediment removing for utilization in boilers, thermal convertors, indoor water heaters.
- C) Repair & renewal of the 300 tons crane No 14 of steel making section of MOBARAKEH Steel Company, 20m span with collaboration of ASKU SCHOLTEN in altitude of 25m from ground in 24 days without its complete dismantling,. (For the first time in the Middle East)., in addition in 2009 a similar project was done for crane No. 13 of steel making section of MSCO with cooperation of ASKU SCHOLTEN and TKMSS Companies.

2-Research Projects

- A) Permanent seramic magnet including:
 - Production of magnetic smithereens in shape of ring, segment, block and others depending on customers need.
 - Production of magnetic powder.
- B) Research scheme
 - Collaboration deputy in research of Isfahan university in the field of design, manufacture and introduction of chill storage (ice store) application for energy saving.
- C) Some of the most important activities and measures which have been taken by the company from its date of establishment up to now (in seperation)

Members of The Board of Directors of Taban Niroom Company

The company is managed by a board consisted of 5 main members who are elected by the ordinary general assembly form the share holders.

Ser No	Name of the legal entity-member of the Boards	Registration Number	Name of the real entity	Position	Education degree	Committed Signature for Company
1	Takado Co	7818	Habibollah Khodam	Chairman of the Board	BA in Economics	✓
2	Merat Poulad Co	11192	Reza Hatami	M.O.B & managing director	BS in chemistry	✓
3	Iran Keshti Bahr Co.	13138	Amir Reza Sheikh Zeinodin	Vice chairman of the Board	BS in chemistry	✓
4	Saya Steel Manufacturing Ind. Co	10619	Sayed Mortaza Tabatabaei	M.O.B	Ms in electricity and MS in Electrical control	✓
5	Tarabgin Co.	4312	Sayed Hasan Mousavi	M.O.B	Bs in metal melting & metallurgy	✓

Composition and number of the real & legal share holders and % of their voting right and profit :

The last capital increase of the company by the end of 2007 is amount of 25,500,000,000 Rials.

Ser No	Name of the Shareholder	Total number of different shares	% of voting right & profit
1	TAKADO Co	8055702	63.2
2	Others	4694298	36.8
3	Total	12750000	100

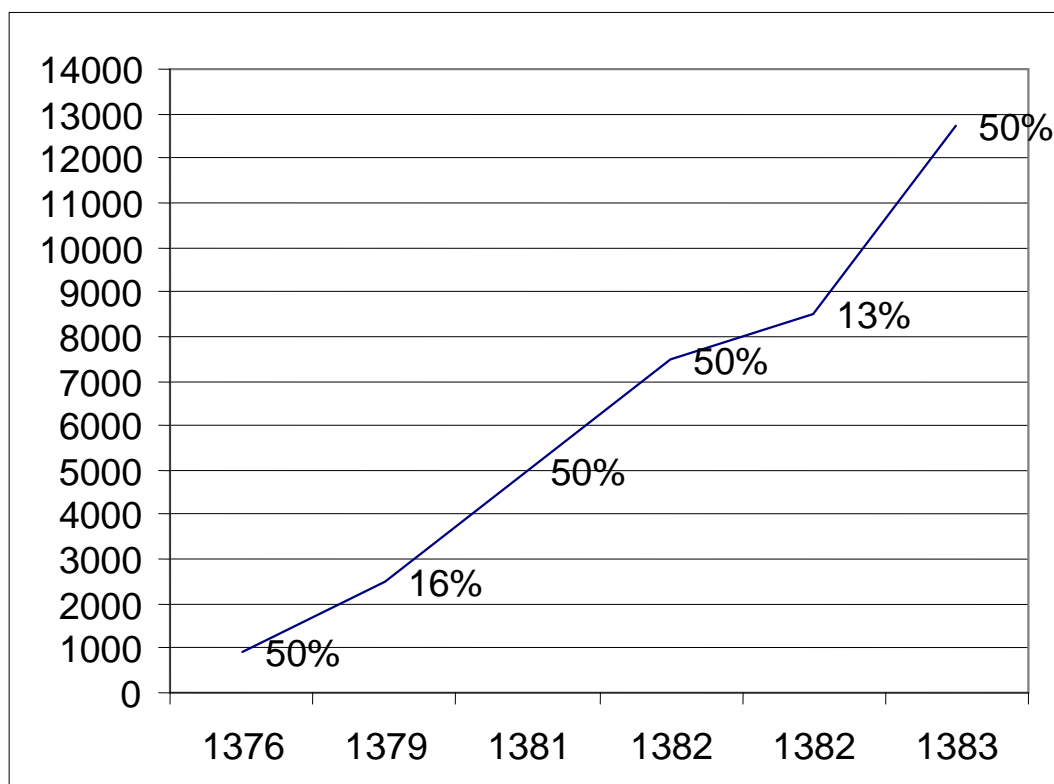
Investment in investing companies:

Ser No	Share of the Company	Subject of activity	% of share
1	Taban Magnetic Material Developing Co	Magnet production	58%
2	Farman Khodro Sepahan	Steering box production for automobile	29.3%
3	Narin Niroom	Production of various auto DC Motors	25.3%

Primary capital increment and status of capital increment

Company primary capital: 620 Million Rial in 1996

No	Year	Capital Increment (in million rials)	Percent	The sum after capital increment (in million rials)
1	1997	310	50%	930
2	2000	1570	16%	2500
3	2002	2500	50%	5000
4	2003 (First Stage)	2500	50%	7500
5	2003 (Second stage)	1000	13%	8500
6	2004	4250	50%	12750
7	2007	12750	100%	25500



Thecnical & executive members of Taban Niroo Co. (Managers)

#	Name	Position	Education	Field	Profession	Background
1	Reza Hatami	Managing director	BS	Chemistry	Energy & Production	33 years
2	Hosein Bateni	Deputy of M.D	BS	Electricity (power)	Repair of electrical equipment	34 years
3	Shabanali Nasri	Manager, electrical maintenance & repair	MS	Electricity	Repair of electrical equipment	37 years
4	Asghar Maleki	Manager, maintenance & repair mechanicals	BS	Mechanics	Mechanicals and power plant equipment	31 years
5	Mohammad Nouraei	Chief, electrical repair shop	BS	Technical (Industrial projects)	Electrical equipment	33 years
6	Masoud Yazdani	Chief, maintenance of network & high voltage equipment	BS	Electricity (power)	Repair of high voltage equipment and transformers	31 years
7	Parviz Zandieh	Chief, mechanical repair of power plants	BS	Mechanics	Industrial water supply network	24 years
8	Mohammad Taghi Javaheri	Chief, mechanical repair ,Gas and oxygening syppy	H.school dipoma	Electricity	Oxygen production unit	40 years
9	Mohammad Ali Naseri	Manager ,economy & commerce	BS	Mathematics	Econmics	33 years
10	Masoud Mirzabagherian	Manager, marketing & calibration labs	MS	MS in execution mangement and BS in electronics	Automation & industrial marketing	14 years
11	Ali Alirezaei	Financial manager	BS	Accounting	Auditing & accounting	11 years
12	Ali Montazerolzohoor	Chief, water supply mechanical repair	BS	Mechanics in Fluids	Mechanical Eequipment & water supply	11 years
13	Ali Akbar Pour Moghadam	technical & planning manager	BS	Electronic	Industrial Automation	9 Years
14	Hosein Mansouri	Supervisor of technical inspection	BS	Electronic	Technical inspection preventive repairs	9 years
15	Hamid Reza Janghorban	Manager, automation & Communication	BS	Electronic	Electric & automation	6 Years
16	Akbar Ghafarian	Managaer, information & systems	BS	Electronic	Computer	5 years
17	Ehsan Ebrahimi	Manager, QC and chief of training unit	BS	Metallurgy	QC	3 years

Some the top activities were done from the beginning of the company:

ELECTRIC DIVISION:

- 1- Basic repair of 230KV autotransformer post with power of 125MVA in ESCO.
- 2- Bobbin repair of high voltage transformer (1250KVA) in rolling mill 300 & manufacturing low voltage bobbin of transformer (2000KVA) in Ghaem project 2 of ESCO
- 3- Performing mounting operation of ESCO transformers auxiliary equipment & main electro-motors in casting shop & Saba rolling mill in ESCO
- 4- Repair & reconstruction of related cable in electric arc furnace in Mobarakeh Steel Complex casting division
- 5- Performing service, maintenance, repair and reconstruction of electric motors in rolling mill main shelves and power transformers of Mobarakeh Steel Complex
- 6- Repairing motor of the main shelf of hot rolling mill in Mobarakeh Steel Complex with the power of 4410KW,
- 7- Rendering maintenance & repair services of various electric machines to steel, cement, petrochemical, refinery, food & other big industries throughout the country.
- 8- Design, manufacturing , mounting & commissioning of initiating drives of synchronized electromotors in ESCO
- 9- Manufacturing bobbin (10.5KV) of 40MVA gas power plant in ESCO
- 10- Maintenance, repair and operation of transmission networks and power distribution posts in Mobarakeh Steel Complex & Saba project in ESCO
- 11- Reconstruction, installation and commissioning starter of 13.5 MW turbojet gas power plant in ESCO.

MECHANIC DIVISION:

- 1- Reconstruction & renovation of 2 units (220 tons) boiler in thermal power plant & 4 units (75 tons) boiler in central power plant in ESCO
- 2- Manufacturing gas cooler (V.A.D) in ESCO casting shop.
- 3- Design, manufacturing & commissioning the industrial water filtering system based on sand filtration & water supply automation in wire rolling mill 350 –in ESCO
- 4- Manufacturing equipment required for boilers no 5 of the thermal power plant & boilers of the central power plant in ESCO
- 5- Operation of auxiliary installations (water supply, compressed air) and boiler of casting complex & Saba rolling mill in ESCO
- 6- Manufacturing required pieces & cooperation in assembling and commissioning of air compressors of casting complex & Saba rolling mill in ESCO
- 7- Design & manufacturing of the compressors' rolling filter of the oxygen plant in ESCO for the first time in Iran.

OTHER ACTIVITIES:

- 1- Rendering technical services (maintenance and repair of mechanical, electrical, heat & cooling equipment) in ESCO from the beginning of its foundation up to now
- 2- Repair and rehabilitation crane No 14 & 13 with capacity of 300 ton in Steel making shop of MSCO with cooperation of ASKU-SCHULTEN & TKMSS Companies from Germany.
- 3- Rendering calibration services to more than 1520 industrial units in nation wide
- 4- Performing condition monitoring system for various equipment in Mobarakeh Steel Complex, ESCO & other applicant companies in nation wide.
- 5- Mounting & commissioning workshop compressors of the blast furnace blowers in Maybod Steel Company.
- 6- Rendering various engineering services to Iran Alloy Steel CO (Yazd)
- 7- Commissioning the first continuous ceramic magnet production line in presence of the Minister of The Mines & Industry for the first time in Iran & The Middle East .
- 8- Calibration more than 850 scales in Esfahan Vegetable & Fruits Sendicate for the first time after Islamic Revolution.
- 9- Calibration scales of Esfahan Gold And Silver Jewelleries Sendicate for the first time after Islamic Revolution.
- 10- Repair and rehabilitation of reverberatory furnace boiler of NICICO.
- 11- Static and dynamic test of cranes NICICO refinery.
- 12- Supplying and installing required supporting for NICICO refinery.
- 13- Presenting specific training courses in field of calibration to applicant enterprises and issuing valid certificates.

INTRODUCING WORK SHOPS & DIVISIONS OF TABAN NIROO SEPAHAN CO.

ELECTRIC DIVISION:

A. ELECTRIC WORKSHOP:

Electric equipment repair workshop has been built in a 8000 SQM area & has complete facilities for basic repairs, test and commissioning of different electric machines (DC/AC) from 380V to 10KV and also producing & repairing of different electric magnets, repairing different kinds of generators & welding transformers and fabrication of different kinds of moulds for electrical spare parts.

Some of the workshop machineries are as below;

Different kinds of winding equipment , forming, warm shaping presses and high voltage prefabricated coils insulating machines, different machining equipment & casting, different kinds of electric furnace, lamination & insulation reinforce with V.P.I system, dynamic balance equipment in different dimensions & weights & etc... .

B. HIGH VOLTAGE EQUIPMENT & NETWORK REPAIRING WORKSHOPS:

This workshop with 1000 SQM area & having different laboratories and measuring equipment (including Δ resistance measuring bridge, oil insulative resistance test, physical refining equipment of transformer oils with flow rate of 10 ton/h) is capable to carry out basic repairs & reconstruction of different kinds of power transformers up to 400KV and equipment of high voltage posts (including current & voltage transformers, grounding, reactors & etc...).

Also this workshop is capable to repair cable networks below 63KV, execution and repair of various lighting networks.

Below you will find some of the major works performed in this workshop in Saba project (ESCO).

- Mounting equipment of 400KV post.
- Installation more than 1000 high voltage cable connectors.
- Mounting of 33KV GIS post.

C. AUTOMATION & COMMUNICATIONS UNIT:

- 1- Designing, mounting & commissioning low/high voltage electric equipment.
- 2- Maintenance & repair, and improving control and monitoring systems.
- 3- Control and adjusting different kinds of low/high voltage protective relays.
- 4- Cable failure detection and carrying out high voltage tests on current supplying networks.
- 5- Rendering industrial hardware/software services.

MECHANIC DIVISION:

A. OXYGEN PLANT:

This unit is responsible for repair & maintenance of K-11-1, K-11-2 air separation blocks, KTK & DEMAG oxygen turbo-compressors, oxygen & nitrogen reciprocating compressors, screw nitrogen compressors, coordinating electro-motors repairs and regulating/adjusting drives' protection of operating regulators in ESCO

B. POWER PLANT REPAIRING UNIT:

Maintenance & repair of power plant equipment such as; steam turbines, steam turbo-compressors, steam boilers & dryers and gas generators are some of the activities which are carried out by this unit.

C. FABRICATION UNIT:

Fabrication of different kinds of heat exchangers, heat surfaces, economisers, super-heaters and pipes of combustion chamber are done in this unit.

D. WATER SUPPLY UNIT:

Design, manufacturing, maintenance & repair of physical, chemical & biological refining systems, different kinds of cooling towers with different capacities, different kinds of horizontal and vertical pumps, water pipe lines & industrial/non industrial wastes are done in this unit.

E. GAS SUPPLY UNIT:

This unit is responsible for maintenance & repair of all gas pressure reduction stations, refining the industrial gases & natural & industrial gas transmission lines.

F. UTILITY UNIT:

Design, construct, maintenance & repair of all kinds of heating/cooling systems such as chillers, absorbtions, cooling stations and steam supply lines & different industrial water pipe lines, manufacturing various kinds of air conditioning channels heating/cooling systems insulation & mounting various kinds of blowers and suction are carried out in this unit.

CONDITION MONITORING UNIT:

This unit is responsible for announcing the equipment conditions by taking regular reports from the chosen equipment for inspection by a maintenance management system. By using laboratory instruments, related software and performing various tests such as vibration test, electrical test, thermograph, gas chromatograph, current analyses, gear box oil test, non destructive test and etc...Error occurrence in the system will be detected earlier and reports will be focused on the problems which had been occurred in the system. Sample analysis and result of the experiments determine the present condition of the equipment. In addition by sampling and frequent experiments the changes of the measured factors are determined based on designed timetable & programing strategy of maintenance & repair team are designed on the basis of such predictive maintenance . In addition to predictive maintenance this company is able to perform unbalnce, unaxial, electrical & mechanical failure correction.

This company has settled condition monitoring system for different industrial centers in order to reduce production line stops, product improvement and saving capital. These industries are;

- Steel industries(especially ESCO& Mobarekeh Steel Complex)
- Construction materials industries and mines
- Automobile and its auxiliary industries.
- Marine industries.

This section added balancing and alignment of MSCO equipment to its services since the beginning of 2006 and also by purchasing complete relevant equipment, provides services in thermography since 2008.

CALIBRATION LABORATORY

Calibration Lab. of this company is accredited partner of Iran Industrial Researches & Standard Institute has eligibility certificate under No. IAS/168 in the fields of electric, temperature, pressure, mass, volume & dimension measuring. It is equipped with advanced reference & traceable measuring instruments to national and international standards. It has also eligibility certificate No 1161 to act as a coolab from Esfahan Industrial Standard & Research Institute for testing, measuring & balancing devices .

Calibration Lab. of Taban Niroo Sepahan Co. within ten years of its continuous activity has been able to render calibration services to more than 1520 different industrial, medical, commercial and manufacturing units nation wide and is ready to give any kind of training, consulting, maintenance, repair, supply, mounting and commissioning services concerning mentioned measuring equipment.

In 2009 calibration laboratoreis could achieve national level 1 training qualification certificate for personnel and quality control supervisors in field of standardization, management system, calibration and technical engineering in electric and electronic, weights and measures. This company ranks first by Iran Industrial Researches & Standard Institute and was selected as the best coolab by the same institute in 2008 .

Calibration labs also succeeded to take training certificate in field of calibration from central training of Iran oil company.

Applicants of these training courses can take required information from calibration website or the can contact Taban Niroo.

Calibration labs planned to present taraining courses for external enterprises. This company carried out more that 30 courses in field of general / specific calibration and technical engineering.

Training courses were welcomed by the applicants so right now this activity is in priority for Taban Niroo and an expert team plans and holds courses in filed of general and specific calibration and other technical engineering courses. One of the advantages of these courses is the practical course in Taban Niroo labs.

Instructors of these courses are experts of Taban Niroo Calibration Labs. They are high educated and were trained academically and the courses are enriched accordingly.

The most important approved calibration services are:

1- ELECTRICAL LAB.

Calibration of different kinds of measuring equipment of voltage, current, power, power ratio, frequency, resistance, register, timer, rotation meter and etc...

2- TEMPERATURE CALIBRATION LAB.

Calibration of different kinds of thermometers (liquid inside glass tube, indicators, different kinds of sensors (thermocouple & resistant thermometers and various heating & freezing environment.)

3- PRESSURE CALIBRATION LAB.

Calibration of different kinds of pressure and, vacuum gauges including indicator & digital pressure gauge, transmitter, register, pressure differential, pressure switch & etc...

4- MASS CALIBRATION LAB.

Calibration of different kinds of balancing equipment and weights.

5- HYDROMETRY

Calibration of different hydrometers

6- DIMENSION CALIBRATION LAB.

This lab is for calibration of caliper, micrometer, timer, block gauge, go no go gauge (shaft/ring), level, projector profile & microscope, angle measurement, screw effective dimension, screw pitch, measuring tape, riddles & etc...

7- VOLUME CALIBRATION LAB.

Calibration of different kinds of containers by weighing method.

The important test services given in approved fields are:

Mobile balances, scales, weights, commercial measuring scales, metallic half meter measuring bars and other weighing devices.

*List of different industrial plants profited by
TABAN NIROO calibration laboratories services:*

#	Type Of Industry	No.
1.	Servicing Companies	264
2.	Food Industries	164
3.	Steel Industries & Related Companies	120
4.	Oil, Gas & Petro Chemistry Industry	77
5.	Electrical/Electronic Industries	74
6.	Car Industry & Related Companies	67
7.	Construction Industries	48
8.	Chemical Industries	46
9.	Pharmaceutical/Medicine Industries	42
10.	Pipe Manufacturing Industries	41
11.	Textile Industries	30
12.	Rubber Fabrication Industries	28
13.	Home Appliance Fabrication Industries	28
14.	Hygienic/Cellulose Industries	26
15.	Power Generation & Distribution	25
16.	Insulation Production Industries	23
17.	Ceramic/Porcelain Industries	17
18.	Mineral Industries	15
19.	Potable Water Refinery And Sewerage Systems	12
20.	Cement Industries	12
21.	Refractory Industries	11
22.	Plastic Manufacturing Industries	10
23.	Glass Fabrication Industries	3
24.	Others	339
25.	Total	1522

Information Technology & Systems Section

The goal of this section is to improve the processes and mechanize and optimize its internal automation and financial, technical and administrative issues with the help of suitable hardware and latest software technology.

The services that this section presents either in Iran or outside the country are as follow:

- 1- Software and programming group for data systems:
 - Codifying and installation of financial and administrative software.
 - Codifying and installation of reporting software for senior managers.
 - Configuration of technical software related to electrical and mechanical engineering, preventive repairs, maintenance & repair of equipment of petroleum, petrochemical and other industries.
 - Preparation and installation of informative web site and APP web.

- 2 Scheduling and executive administration:
 - Analysis of the processes, current activities and work cycles.
 - Providing software solutions for system optimization and move from manual to mechanized systems.

- 3 Hardware and computer network group:
 - Providing services for desktop computers
 - Design and implementation of large computer networks with up-to-date topology in the format of wired & wireless.
 - Repair and maintenance of computer system and management of computer networks.

Magnetic Material Group

Following the comprehensive study and investigations made since 1994 in Takado about magnetic material, finally with the efforts of Taban Niroom, the first production plant of magnetic material initiated its work on fall 2002. This unit now is named Development of Taban Magnetic Material and pursue its activity independently since fall 2004 and 58% of its Shares belongs, to Taban Niroom and the rest belongs to the Iranian Organization for Development and Renewal Industry.

Different Products

A) Magnetic components including:

- Segment (arc)
- Ring
- Disk
- Block
- Other shapes (based on customer request)

B) Magnetic Powder

Application

- Car Industries (DC Motors, Loud Speakers, Anti vibrating Insulators for car frame)
- Electronic Industries (Command circuits, Computer , etc)
- Home Appliances (Refrigerators door magnets, small motors , etc)
- Educational purposes.

Standards and certificates obtained by Taban Niroo Sepahan

1- Quality Assurance Management Standard

Taban Niroo is holding quality assurance management certificate ISO9001:2000, ISO 14001:2004, OHSAS 18001:2007 from DNV.

2-Attained permits:

- A) Permit of qualification verification numbered 265 of calibration laboratories in pressure, temperature, electric, dimension, mass and volume from Iran Standard and Industrial Investigation Organization.

- B) Permit of qualification verification of Taban Niroo calibration labs for training calibration equipment for (quantities, mass volume, pressure, temperature, dimension and electric with first grade from Iran Standard & Industrial investigation organization.

- D) Industrial activity certificate No 04/1313465/3981 dated 25th July 2000 for heat exchangers and auxiliary equipment of steam generators.

- E) Certificate of industrial activity for producing power transmission shafts and different kinds of inverters under number 04/1313464/3979 dated on 25th July 2000.

- F) Certificate of industrial activities No 041/1313463/3987 dated 25th July 2000 from General Department of Industries.

- G) Certificate of industrial activity for production of high and low voltage circuit breakers and transformer cores under number 04/1313462/3980.

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Please contact us for further information and more details about any of the sections or activities of Taban Niroo Company.

Taban Niroo Company

Distribution table of man power in departments according to education degree

Education Classification	No of staff at the end of 2008					No of staff in 25.Jan.2010					Changes in 2009 increase/decrease in comparison with 2008			
	Production	Supporting	Administration	total	percentage	Production	Supporting	Administration	total	percentage	Production	Supporting	Administration	total
P.H.D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MS	3	0	1	4	0.5	3	0	1	4	0.5	0	0	0	0
BS	39	3	18	60	8.0	46	5	20	71	7.0	7	2	2	11
Junior BS	92	5	12	109	14.6	78	5	11	94	12.7	-14	0	-1	-10
High school Diploma	312	7	21	340	45.5	301	10	19	330	44.7	-11	3	-2	8
Junior H.S.D	210	19	5	234	31.3	217	16	6	239	32.4	7	-3	1	5
Total	656	34	57	747	100	645	36	57	738	100	-11	2	0	-9
Percent	87.8	4.6	7.6	100		87.4	4.9	7.7	100		0			

Taban Niroo Company

Table of distribution of man power according to their employment contract

Education Classification	No of staff at the end of 2008				No of staff in 25.Jan.2010				Changes in 2009 increase/decrease in comparison with 2008		
	Temporary contract	Permanent employees	Total	Percent %	Temporary contract	Permanent employees	Total	Percent %	Temporary contract	Permanent employees	Total
P.H.D	0	0	0	0.0	0	0	0	0.0	0	0	0
MS	4	0	4	0.5	4	0	4	0.5	0	0	1
BS	60	0	60	8.0	71	0	71	7.0	11	0	11
Junior BS	109	0	109	14.6	94	0	94	12.7	-15	0	-15
High schoool Diploma	340	0	340	45.5	330	0	330	44.7	-10	0	-10
Junior H.S.D	234	0	234	31.3	239	0	239	33.4	5	0	5
Total	747	0	747	100	738	0	738	100	-9	0	-9
Percent	100	0	100		100	0	100		0	0	0

Taban Niroo Company

Distribution of the man power in organization section and average of the age

Education Classification	No of staff at the end of 2008					No of staff in 25.Jan.2010					Changes in 2009 increase/decrease in comparison with 2008	
	Production	Supporting	Administration	total	Average of age	Production	Supporting	Administration	total	Average of age	Number of staff	Average of age
Deputies	0	1	0	1	56.0	0	1	0	1	56.0	0	1
Managers	5	1	4	10	43.1	5	1	4	10	44.7	0	1
Supervisors	18	0	3	21	52.8	18	0	3	21	52.0	0	1
Responsibles	51	0	14	65	45.9	50	2	16	68	46.8	3	0.1
Employees	0	5	33	38	32.4	1	7	31	39	33.6	1	0.9
Workers	582	27	3	612	36.6	571	25	3	599	36.7	-13	-0.8
Total No of staff	656	34	57	747	37.8	645	36	57	738	0.0	-9	1
Average of age	37.6	42.1	36.9	37.8		38.3	43.3	37.5	38.5			