



SATH RAHAN CO.



Road &
Construction
Ashphalt
Recycling &
stabilizing



Sath Rahan CO.(PJS)

Introduction of company:

Sath Rahan Company (PJS) abbreviated as **SAT CO. (PJS)** is an Iranian road construction company. the company established in 2002 in Tehran Registry Office of Companies and Non- commercial Organizations. The company is categorized in grade:2 in the field of road construction by Iranian relevant state authorities.

Subject matter of company in accordance with the charter:

-Road infrastructure construction, road infrastructure such as: sub-base, base, subgrade layers execution as well as related activities like; survey, transportation levelling and so on.

-Road pavement, Asphalt producing and executing as well as asphalt recycling activities and finished pavement treatment.

-Asphalt producing and selling to the market.

-Soil stabilization with cement and lime by special machine.

-Surface treatment including Chip seal and Micro surfacing method.



Samples of the projects that have been executed with investing more than 50 billion Rials are presented in below table:

NO.	Year	Project specifications	Capital investing
1	2023	Recycled Asphalt pavement in Yazd province	2.164.000.000.000
2	2020	Naein – Ardakan, Asphalt pavement product - execute	509.000.000.000
3	2021	Guatr – Kollani, road construction and treatment surface	128.000.000.000
4	2013	Ardakan – Naein, road stabilization and plant mix Asphalt	294.000.000.000
5	2020	South Khorasan Deihook, Asphalt and pavement rehabilitation	93.000.000.000







Machinery categories:

1-asphalt production machinery

Row	Name	Description
1	Asphalt Factory	120 tons of Mariny project made by Behineh Roshan Kar Co. with relevant and related accessories Necessary equipment for the use of asphalt chips and production of hot recycled asphalt
2	Asphalt Factory	120 tons of Parker plan made by Iran Road Construction Industries Company with all accessories
3	Bitumen Storage Pool	1000 tons, covered and equipped with oil heater
4	Bitumen Storage Tanks	6 Tanks with a capacity of 300 tons and all tanks equipped with oil heater system
5	Complete set of crusher	Includes jaw 110 × 90, 110 HF vibran, 2-meter grease screen, 6× 2 bohringer, 3m vibrating feeder, and conveyor belts 60, 90 and 110 cm
6	Sand Washing	Helical Making Group Roll Forming Machine
7	Bascule	tons digital 60

2-stabilization, compactor and finishing machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	Stabilization Machine	WR 2500	Wringten	2010	Working width of 2 meters with 30 cm thickness
2	Powerful tractors	7280 R	John Deer	2012	Multi-purpose machine with power of 310 hp and has the ability to install in situ crusher, stabilizer in place, large ... reaper, cement spreader and
3	Crusher	CR 2500 HD	PTH	2016	With the ability to break very hard rocks Desired size to size fine sand
4	Reaper	RI	PTH	2016	Ability to reproduce in hard natural terrain
5	Cement distributor for stabilization of soil & surface	SBS 3000	Stehr	2012	ton with the ability to adjust the 10 amount of cement spraying Per square meter

3-pavment and asphalt machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	Asphalt Finisher machine (Chain Wheel)	D 1600	FOGGEL	1995	Powerful sensor and vibration with the ability to finishing a variety depth of layers up to 30 cm thick and 6 meters wide
2	Asphalt Finisher machine (Rubber Wheel)	F 161W	DYNA PACK	1992	8wheels, with strong sensor and vibration, especially asphalt finishing up to 15 cm thick and 6 meters wide
3	Double Roller Iron compactor Machine	HD 75	HAM	2006	(7ton) vibrating and static, equipped with Sprinkler on the drum
4	Wheel Roller Rubber Compactor machine	HR 105 B1	HEPCO	1386	10 tons, 7 wheels
5	Wheel Roller Rubber Compactor machine		KAWAZAKI	1985	11 tons, 9 wheels

6	Roller iron Compactor machin	B W 16 4	BOMAG	1995	(10tons), equipped with sprinkler spray on drums And circular sand sand machine to run fine granular
7	Mechanical sweeping	-	ROCHLING	2008	truck equipped with high power suction pump
8	Asphalt Sealant and seam machinery	LKVÖ 050	LINHOF	2007	Injection of polymeric bitumen for pavement sealing
9	Bitumen Tanker	-	ISUZU	1393	4500 liters with emulsion spraying Contains cast iron needle nozzles heating and washing system
10	Sealant Cutter	-	MARTHON	2007	Cutting for polymeric sealing of pavement

4-cold recycling machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	Asphalt cold recycling machine and production of adhesive mixtures	KMA 220	WIRTGEN	2007	With the ability to produce cold mixtures of asphalt concrete and asphalt from recycled materials or materials New stone and working with emulsion and bitumen foam
2	Cold Recycling Machine Asphalt and production of adhesive mixtures	KMA 200	WIRTGEN	2005	With the ability to produce cold mixtures of asphalt concrete and asphalt from recycled materials or materials New stone and working with emulsion and bitumen foam
3	Granular grading	6m	MACHINE Roll	1384	To modify the gradation of recycled materials Available
4	Granular grading	6m	MACHINE Roll	1393	To modify the gradation of recycled materials Available
5	Two storey Granular grading	6m	MACHINE Roll	1394	To produce 2 types of coarse and fine granulation .For double layer chips
6	Compactor machine (16 ton)	BW 216 AD	BOMAG	2005	A vibration iron wheel, with vibration strength of 180 tons and the ability to crush a variety of layers Dirt and sticky up to 30 cm thick

5-Hot asphalt recycling machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	Hot Recycling Machine	Remixer 2500	WIRTGEN	2002	Capable of mixing Raw materials with new asphalt, finishing and vibrating
2	Pavement heater machine	HM 2500	WIRTGEN	2002	Gas tank and surface heating panels
3	hot recycling machine (7ton)	BA7000	BAGELA	2010	Capable of producing hot recycled asphalt from existing pavement boards with a capacity of 7 tons per hour
4	hot recycling machine (10ton)	BA 10000	BAGELA	2010	Capable of producing hot recycled asphalt from existing pavement boards with a capacity of 10 tons per hour



6-protective asphalt machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	Chip Seal Machine	-	CHAFER	2012	With the ability to spray emulsion and aggregate simultaneously, in varying widths from 30 cm to 2.5 m in patches or full width
2	Micro Surfacing Machine	SP10000	BREINING	2016	With the ability to work in widths up to 3.8 meters and with separate tanks for various additives of bitumen, cement additives such as paint ... materials and

7- Miling and cutting asphalt machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	asphalt milling machine	Wirtgen	2100DC	1996	Asphalt Lathe power of 2 meters wide and 3 cm thick
2	asphalt milling machine	Wirtgen	1500DC	1994	Asphalt Lathe width of 1.5 m and thickness 30 cm
3	asphalt milling machine	Wirtgen	W1500	2006	Asphalt Lathe width of 1.5 meters and 30 cm thickness
4	asphalt milling machine	Wirtgen	W1500	2011	Asphalt Lathe power of 1.5 m width and thickness of 30 cm
5	Cutting pavement Machine	Lamborghini	-	1391	Portable
6	Cutting Machine Pavement	copaz	-	1392	portable

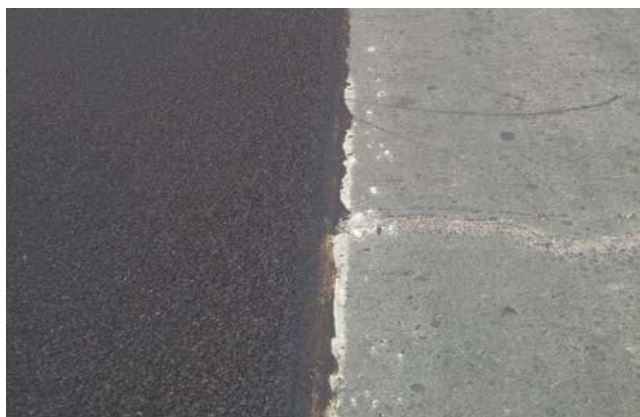
8-General Road construction machinery

Row	Machine name	Model	Manufacturer	Year	Description
1	Loader machine	L90 E	VOLVO	1386	
2	Loader machine	Volvo	L90 F	1387	
3	Loader machine	Changlin	Fix tak	1394	
4	Mechanical Excavator machine	Komatsu	PC 220	1389	Hydraulic Packet and hammer
5	Grader Hydraulic	CATERPILLAR	14G	1989	With Reaper
6	Truck	BENZ	10 Wheels	1391	
7	Truck	BENZ	10 wheels	1391	
8	Truck	BENZ	6 wheels	1390	
9	Water Sprinkler truck	BENZ	60 wheels	1389	Equipped with electric valve (12000 liter)
10	Trailer	FAV		1396	
11	Truck	Isuzu	6ton	1388	

9-Site equipment

Row	Machine name	Model	Manufacturer	Year	Description
1	Asphalt and Soil Mechanics Laboratory	-	1set	1390	Equipped with complete equipment for conducting tests of soil, concrete, recycling and asphalt
2	Electric Generator Motor 100 KWA	Perkin s	2	2007	
3	Electric Generator Motor 450 KWA	Volvo	2	2008	
4	Electric Generator Motor	Perkin s	1	2007	
5	Concrete forming	500m3			
6	Cement silo (80 Ton)	-	1	1386	
7	Cement silo (50 Ton)	-	1	1384	
8	Cement silo (40 Ton)	-	1	1384	

9	Cement silo (80 Ton)	-	1	1394	
10	Compressor	-	1	1387	
11	Compressor		1	1386	
12	gasoline tanker (18000 liter)	-	2	1384	
13	Water Tanker 30000 liters	-	1	1384	
14	Water Tanker 20000 liters	-	2	1385	
15	Water Tanker 10000 liters	-	2	1385	
16	Container 20 feet	-	6	1385	
17	Container 6 meters	-	4	1385	
18	Container 12 meters	-	1	1387	
19	Wheeled Container 6 m	-	2	1380	
20	Security Shelter	-	3	1394	
21	Pickup	Nissan	2	1391	
22	Passenger car	Peugeot	2	1394	
23	track	Renault	1	1394	
24	track	Mazda	1	1386	









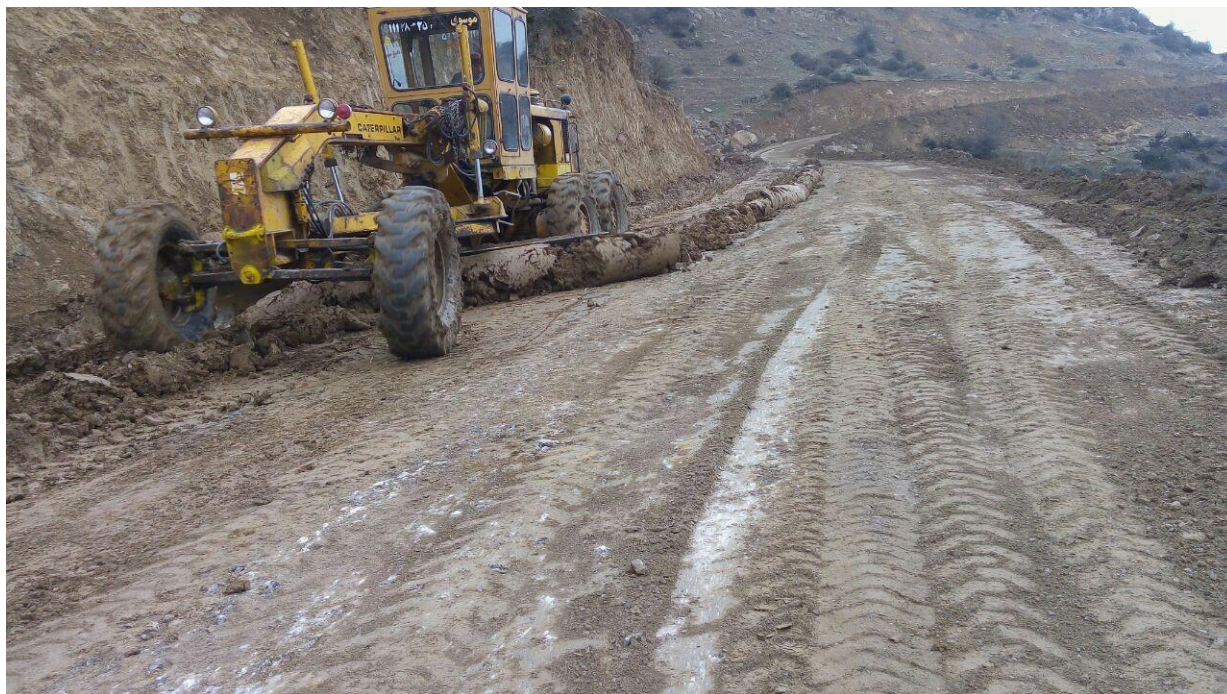














Company Manager:

Name	work experience (Year)	Degree	Work Position
Bozar Rezakhani	37	Master of Civil Engineering - Road and Transportation	CEO
Majid Iranmanesh	38	Master's Degree in Civil Engineering - Roads and Tunnels	Chairman of The board
Golnaz Rezakhani	10	Bachelor of Chemical Engineering - Mining Chemical Industries	Vice Chairman of the Board/ Executive and administrative director
Majid Salehi	27	Master of Mining - Extraction	Project Manager
Seyed Razi Seyed Azimi	15	PhD in Civil Engineering - Road and Transportation	Technical Managet

Board of Directors:

1-CEO: Mr. Bozar Rezakhani

2-Chairman of the board : Mr. Majid Iranmanesh

3- Vice Chairman of the board : Ms. Golnaz Rezakhani



Bozar Rezakhani

Date of birth: 1952

Educational background: Master's degree (Technical University of Berlin, West Germany)

Field of study: Road and Civil Engineering - Road and Traffic

References and experience

- 1) Expert in planning and traffic engineering at Tehran Transportation and Traffic Organization
(1986-1389)
- 2) Consultant for 15 years in various architectural and urban planning offices and engineering offices for road construction
- 3) Managing director of Rahsosazan Consulting Engineers since 2013
- 4) Member of the technical committee for the preparation of road design regulations in Tehran Technical and Engineering Consultancy Organization for two years
- 5) Member of the technical committee for reviewing technical designs of Tehran Transportation and Traffic Organization from 1994 to 2003
- 6) Lecturer at Shahid Beheshti University in the Department of Transportation Engineering and Transportation Planning for the academic fields of urban design and urban planning from 1375 to the present.



7) Managing Director of Sath Rahan Company since its establishment (2002) until today

Writing articles

Drafting articles related to transportation engineering, including: geometric design of roads, maintenance management of Tehran highways, studying the feasibility of building bicycle lanes in Iran, calculating the efficiency of railroad crossings in the new transportation magazine.



Majid Iranmanesh

Date of birth: 1951

Educational background: Master's degree (University of Essen, West Germany)

Field of study: Road and Civil Engineering - Road and Tunnel Design

References and experience

- 1) Senior Supervisor in tunnel and road projects at BUNG Consulting Engineers in Germany from 1998 to 1999
- 2) Head of tunnel and railroad projects at Bochum Railway Directorate, Germany from 1371 to 1378
- 3) Rahsosazan Consulting Engineers from 1999 to 2002
- 4) sath Rahan company from 2002 until today



Majid Salehi

Date of birth: 1971

Educational background: Master's degree (Amirkabir University of Technology)

Field of study: Mining Engineering - Extraction

DBA student of entrepreneurship at the Faculty of Entrepreneurship, University of Tehran

References and experience

- 1) Head of mines and raw material procurement department of Siporex Abek factories from 1996 to 2000
- 2) Management of mines and factories of Bena-Sabek - Hablex Tehran from 1380 to 1385
- 3) Factory management and consulting in Silis Ara Khormadreh - Zanjan 1385 to 1389
- 4) Manager of sand mines of D Construction Company in Shahriar, Tehran. July 2012 to November 2013
- 5) Consultant for the installation and commissioning of lightweight concrete production lines, mines and road construction in the country as managing director of Kan Fan Beton Industrial Consulting Company and associate consultant from 2010 to 2017



- 6) Member of the committee for the preparation of the country's aerated concrete standard in 2015
- 7) Official court expert in the field of mining since 2014
- 8) Project and planning manager at sath rahan company from June 2017 until now



Seyed Razi Seyed Azimi

Date of birth: 1987

Level of education: Ph.D

Field of study: Civil Engineering - Construction Management

Records and experiences

- 1) Khalkhal Dasht International Company, expert of Qazvin Freeway Technical Office - Rasht June 2007 to June 2008
- 2) Khalkhal Dasht International Company, site manager of Azadegan oil field from July 2018 to December 2018
- 3) Khalkhal Dasht International Company, head of Omidaye Azadrah workshop - Aghajari, 2009 to 2010
- 4) Khalkhal Dasht International Company, Yadavaran oil field design expert from April 2010 to December 2011
- 5) Khalkhal Dasht International Company, tenders expert from April 2011 to December 2013



- 6) Khalkhal Dasht International Company, Coordination Manager of Asalouye Phase 14 Refinery,
April 2013 to May 2014
- 7) Khalkhal Dasht International Company, project manager of phase 14 of Asalouye - Kangan,
April 2014 to December 2017
- 8) Academic staff of Islamic Azad University since February 2013
- 9) Rahan Level Company, Head of Technical Office, November 2019 until now

Researches

- 1) An article investigating the performance of the electronic toll payment system in reducing the emission of environmental pollutants, April 2013, Publisher: Sharif University
- 2) The article on the performance of urban high-speed bus road pavement performance and planning in May 2013, published by: Sharif University.
- 3) The article Investigation on heavy duty pavement, August 2012, Publisher: Arena Paris
- 4) The article Investigation on JRCp pavement for airport pavement, August 2012, Publisher: Tabriz Tabriz Projects



Cooperation with foreign companies:

Sath Rahan level company cooperates with several reputable foreign companies in the field of roads and improvement methods:

- 1) SAT company in Germany active in the field of road improvement since 1980 throughout Europe and the world in the fields of cold recycling, hot recycling, sealing, polymer asphalts, stabilization, emulsion asphalts.
- 2) Dga company in Germany active in the field of production of bitumen materials and bitumen additives and polymer bitumen with different grades for various applications.
- 3) TPA company in Germany, active in the field of conducting tests and providing mixing plans for mixtures used in pavements.
- 4) Germany's S & P company in the field of production and implementation of pavement reinforcement fibers
- 5) PTH Austrian company active in the field of equipment for stabilization and consolidation of bed and pavement
- 6) Germany's Stehr company in the field of equipment and stabilization projects and earth operations
- 7) WM. HILGERS, Germany, emulsion, chip seal and microsurfacing affairs