

# Agitation & Mixing Systems

Engineering Development & Tailor Made Equipment

شرکت کانی فرآور کاسپین

Caspian Mineral Processing Eng. Co

# Who we are?

## MIN-TEC in Brief

Caspian Mineral Processing Engineering Company (under trade name MIN-TEC) established in 2009 by a group of qualified engineers with many years work experiences in copper & iron mine industries of Iran. MIN-TEC objective plans providing engineering, manufacturing and procurement services as an engineering, consultant or Integrated Project Management Solutions.

MIN-TEC stockholders have sufficient experiences in several the mining projects of Iranian huge mineral processing plants.

Within the years of the hi-level projects experiences, our management team learned how to serve to the clients and meet their requirements.



[Process Engineering](#)

[Equipment design](#)

[Equipment Supply](#)

[Our Workshops](#)

# Our View/ Our Philosophy

World Class Engineering Services, Best Solution for More Efficiency with Qualified Experts and Engineers

We are focused on providing Integrated & Tailored Solutions to our clients across four main services ; Engineering design Services, Mineral Processing Engineering, Equipment Supply and Specialist Engineering services. Let us help you achieve your business goals through our Tailored & Integrated Solutions.

We plans to be a well-known in mineral processing equipment supplying company and try to find and develop the newest technology in our field as we want to show " WE KNOW HOW".

MIN-TEC's plans have been identified in the following priority policies:

- Right recognize our client requirements.
- Well-organized engineers and staffs to present best services.
- Continuous Improvement and development in all levels of MIN-TEC's staffs .
- Develop of cooperation with well-known companies around the world to share abilities.

We believe to catch the above priority policies, effective cooperation and all engineers and staffs have to act in this manner.

Director Manager is responsible to accede the mentioned goals and right recognize and execute the policies. Also our policies will checked and revised by management commission.

# Management Team



## **Abbas Alibakhshi**

### **Director Manager , CEO**

- Mechanical Engineer
- Designer of Copper and Iron Plant
- Lime Plants
- Steel Plants
- More than 28 years Experiences



## **Ms. Nazanin Tayebi**

### **Control Project Manager , Board Member**

- Co-founder
- Industrial Engineer
- Project Control Expert
- More than 15 years Experiences



## **Saeed Moghani**

### **Factory Manager-ARVAND Factory**

- Mechanical Engineer
- Production Expert
- Factory& Site Manager
- More than 17 years Experiences



## **Dr. Mahdi Alibakhshi**

### **Project Manager, Board Member**

- Co-founder
- Ph.D. Civil Engineer
- Concrete & Structural Expert
- 23 years Experiences



## **Mohsen Faramini**

### **Factory Manager- Alborz Factory**

- Mechanical Engineer
- Production Expert
- Factory& Site Manager
- More than 35 years Experiences

# Our Agitator Installed reference 2010-2014

Item	Project	Client	QTY	Tank		Agitator	
				Dia	Height	Power	Impeller Dia
				m	m	KW	m
1	Filter Press Buffer Tank	FAKOOR SANAT	1	8.2	9.5	75	3.1
2	Filter Press Buffer Tank	FAKOOR SANAT	1	6.22	6	30	2.48
3	Process Agitator	PERCIAN BRICKS	1	9.2	6.2	30	3.8
4	Lime milking Process Buffer Tank	BABAK COPPER	6	6.1	5.9	15	2
5	Chemical Agitator	NICICO	1	3.7	5.5	5.5	1.8
6	Tailing Transport Buffer Tank	GOL-GOHAR	2	4.1	5.7	18	1.5
7	Copper Leching Plant	GOHARFAM	6	1.8	2.3	5.5	0.75
8	Copper Leching Plant	KANI NAVID	12	3.7	5.5	11	1.4
9	Filter Press Buffer Tank	FAKOOR SANAT	1	8.2	10.4	75	3.3

# Our Agitator Installed reference 2015-2018

Item	Project	Client	QTY	Tank		Agitator	
				Dia	Height	Power	Impeller Dia
				m	m	KW	m
10	Iron Ore Process Buffer Tank	GOL-GOHAR	3	7.3	6.5	55	2.85
11	Iron Ore Process Buffer Tank	ASFALT TOUS	1	4.3	4.8	15	1.5
12	Copper Bio-Leaching Plant	BABAK COPPER	2	6	6	15	2.15
13	Copper refinery Reactor Autoclave	FAKOOR SANAT	1	2.3	3.2	15	1.5
14	Filter Press Buffer Tank	GOL-GOHAR	2	10	10.7	75	3.3
15	Tailing Transport Buffer Tank	SISCO	1	10	10.7	75	3.3
16	Filter Press Buffer Tank	RoNaK	4	4.5	6.5	15	1.5
17	Filter Press Buffer Tank	RoNaK	2	4.5	6.5	15	1.5
18	Copper Bio-Leaching Plant	BABAK COPPER	1	14	15.7	110	5.6

# Our Agitator Installed reference 2019-2022

Item	Project	Client	QTY	Tank		Agitator	
				Dia	Height	Power	Impeller Dia
				m	m	KW	m
19	Copper Bio-Leching Plant	BABAK COPPER	2	6.5	8	11	1.85
20	Tailing Transport Baffer Tank	NICICO	2	17	17.2	200	5.8
21	Filter Press Baffer Tank	FAKOOR SANAT	4	7.8	7.8	18.5	2.2
22	Filter Press Baffer Tank	FAKOOR SANAT	4	4.5	4.5	5.5	1.5
23	Filter Press Baffer Tank	FAKOOR SANAT	2	9.5	10.7	90	3.7
24	Filter Press Baffer Tank	FAKOOR SANAT	2	10	10.7	90	3.3
25	Filter Press Baffer Tank	FAKOOR SANAT	1	10	10.7	90	3.3
26	Acid neutralization reactors	FAKOOR SANAT	3	6.5	8	30	2.2
27	Filter Press Baffer Tank	ARIA JONOOB	1	4.5	6.5	18.5	2.5

# Our Agitator Installed reference 2019-2022

Item	Project	Client	QTY	Tank		Agitator	
				Dia	Height	Power	Impeller Dia
				m	m	KW	m
28	Illuminite Process Buffer Tank	PASGARD STEEL	3	5.5	7.5	37	2.2
29	Iron Ore Process Buffer Tank	PASGARD STEEL	2	6.5	7.85	75	2.1
30	Filter Press Buffer Tank	FAKOOR SANAT	1	10	10.7	75	3.3
31	Copper Ore Conditioner Tank	NICICO	1	10	10.7	75	3.3
32	Filter Press Buffer Tank	NICICO	1	6.5	7.5	37	2
33	Lime milking Process Buffer Tank	NICICO	2	6	6.5	11	1.85
34	Filter Press Buffer Tank	ASFALT TOUS	2	10	10.7	75	3.3
35	Filter Press Buffer Tank	ROSHTKHAR	4	6.5	7.85	22	2.1
36	Filter Press Buffer Tank	RoNaK	2	5	6.4	45	1.9



# Our Agitator Installed reference 2023-2024

Item	Project	Client	QTY	Tank		Agitator	
				Dia	Height	Power	Impeller Dia
				m	m	KW	m
37	Filter Press Buffer Tank	RoNaK	2	7.5	8	37	2.45
38	Coal Washing Conditioner Tank	PARVADEH COAL	1	4.5	4	11	1.8
39	Gold CIL Leching Plant	AVIZHEH SANAT	7	7.5	7.8	30	2.85
40	Filter Press Buffer Tank	AVIZHEH SANAT	1	4.5	5.5	7.5	1.6
41	Iron Ore Process Buffer Tank	GOL-GOHAR	3	3	3.2	5.5	1.2
42	Chemical Agitator	SISCO	4	2.2	2.2	1.5	0.95
43	Copper Ore Conditioner Tank	KANIFARAVARN	8	2.8	3	18.5	1.2
44	Copper Ore Conditioner Tank-Chemical	KANIFARAVARN	5	2.8	3	1.5	1
45	Tailing Transport Buffer Tank	FAKOOR SANAT	1	8	5.4	30	3
46	Water Treatment Flash Mixing Agitator	DEZH BAM	1	4	3.4	18.5	2

## Our Contact Details:

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