



Pars Bitumen Industrial and Mineral Company

Pars Bitumen Company is a joint stock corporation was founded by Mohammad ArefEbrahimi as its CEO in 2003. The company was set up in two mining and industrial phases in order to extract, micronize and process natural bitumen in Kermanshah Province using the most modern and up-to-date industrial machinery as well as professional technicians.

The industrial processing unit of the company is to produce processed bitumen in different grades of 85.25, 95.25, and 115.15 using the most advanced equipment and unique technical knowledge. The potential production capacity of the industrial unit is more than 1500 tons per month. Moreover, by establishing the production line of micronized powder with the potential production of 4000 Metric tons per month it has positioned itself as a pioneer company and one of the best manufacturing units for these products in the country. This industrial- manufacturing company, using elaborate laboratory systems also utilizing its direct contact with research centers and professionals is able to perform standard tests on finished products as well as raw material quality hence improving quality control and enhancement of its products. Moreover, by establishing an international commerce unit, this company is able to export its products and be of service to the exporters of this kind of products. It has been able to position itself as one of the top companies for exporting such products using professional staff.

Considering the rich reserves of natural bitumen in the mines possessed by the company as well as the high potential of production in the processing unit and considering the high demand for this product in international markets, this company not only has the ability of providing the needed huge amount of products but also is prepared to extend long-term cooperation with other companies regarding the process and production of the other by products of gilsonite.

Introducing CEO

Mohammad ArefEbrahimi the CEO and Chairman of the Board of directors.

Executive Experiences:

1- CEO of Pars Bitumen Company

2- The exemplary mine owner for 10 years from the Industry, Mine and Commerce Organization in Kermanshah Province.

- 3- Pioneer of the first industrial unit for processing Gilsonite in the country.
- 4- The head of mine chamber in Kermanshah Province
- 5- The vice-president of the Commerce, Industry, Mine and Agriculture Chamber in Kermanshah Province
- 6- Member of the modern commission in Iranian Commerce Chamber
- 7- Inspector of International Exhibitions Firm in Kermanshah Province
- 8- Board member in Arbitration Center of the Chamber of Commerce in Kermanshah

Achievement:

1. Attending the natural bitumen conference and fair (the first conference) in Kermanshah, Iran; and attaining the top company award in extraction and discovery in 2014.
2. Attaining the best natural bitumen processing plant in Kermanshah Province and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2013.
3. Attending the international fair for mining industries in Tehran in 2013
4. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2012.
5. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2009
6. Attending the international industry fair in Sulaymaniyah, Iraq in 2008.
7. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2008
8. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2007

9. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2006

10. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2005

11. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2004

12. Choosing the CEO of the company as the exemplary miner and receiving the appreciation award from the National Organization for Industry, Mine and Trade in 2003

Packing:

The variety of packaging in our company based on the customers' needs and requests is as follows:

- 1- Two layered gunnysack;
- 2- Polyamide sacs;
- 3- Jumbo-bag sacs;
- 4- Pallet;
- 5- Three layered bags;
- 6- Aleppo, barrels, tanks.

Analysis:

Analysis of Gilsonite

No	TEST	TEST METOD	RESULT
1	Ash Content, wt%	ASTM-D3174	21.18
2	Moisture Content, wt%	ASTM-D3173	1.86
3	Volatile Matter, wt%	ASTM-D3175	8.13
4	Fixed Carbon, wt%	ASTM-D3172	68.83
5	Solubility in CS ₂ , wt%	ASTM-D4	48.70 gr/ml

Gilsonite powder 500 micron

No	TEST	TEST METOD	RESULT
1	Ash Content, wt%	ASTM-D3174	18 - 25
2	Moisture Content, wt%	ASTM-D3173	1.9
3	Volatile Matter, wt%	ASTM-D3175	8.15
4	Fixed Carbon, wt%	ASTM-D3172	68.83
5	Solubility in CS ₂ , wt%	ASTM-D4	59
6	Mesh size	-	35

Analysis of oxidized bitumen85/25

No	TEST	TEST METOD	RESULT
1	Specific Gravity @ 25/25° c	ASTM-D70	1.073
2	Penetration @ 25° c , 10 ⁻¹ mm	ASTM-D5	20-30
3	Softening Point , ° c	ASTM-D36	80-90
4	Ductility @ 25° c , cm	ASTM-D113	15
5	Loss On Heating , wt%	ASTM-D6	0.2
6	Drop in Penetration after Heating , %	ASTM-D6/D5	50
7	Flash point , ° c	ASTM-D92	260
8	Solubility in CS ₂ , wt%	ASTM-D4	97
9	Spot test	AASHTO-T102	Positive

Analysis of oxidized bitumen95/25

No	TEST	TEST METOD	RESULT
1	Specific Gravity @ 25/25° c	ASTM-D70	1.073
2	Penetration @ 25° c , 10 ⁻¹ mm	ASTM-D5	20-30
3	Softening Point , ° c	ASTM-D36	90-100
4	Ductility @ 25° c , cm	ASTM-D113	15
5	Loss On Heating , wt%	ASTM-D6	0.2
6	Drop in Penetration after Heating , %	ASTM-D6/D5	50
7	Flash point , ° c	ASTM-D92	260
8	Solubility in CS ₂ , wt%	ASTM-D4	95
9	Spot test	AASHTO-T102	Positive

Analysis of oxidized bitumen 115/15

No	TEST	TEST METOD	RESULT
1	Specific Gravity @ 25/25° c	ASTM-D70	1.073
2	Penetration @ 25° c , 10 ⁻¹ mm	ASTM-D5	10-20
3	Softening Point , ° c	ASTM-D36	110-120
4	Ductility @ 25° c , cm	ASTM-D113	15
5	Loss On Heating , wt%	ASTM-D6	0.2
6	Drop in Penetration after Heating , %	ASTM-D6/D5	50
7	Flash point , ° c	ASTM-D92	260
8	Solubility in CS ₂ , wt%	ASTM-D4	95
9	Spot test	AASHTO-T102	Positive

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