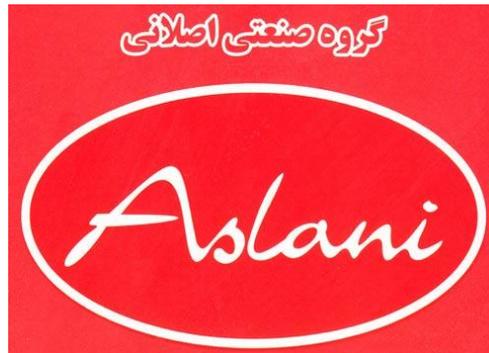


Maintenance of 0.5 m³ full automatic batching plant



1- When the mixer is off, do not move up the bucket.

Important: do not stop or reverse the bucket manually while it's moving

2- If the main electricity went off and mixer was full , first open the discharge door with manual pump . Then empty the mixer with shovel and water.

3- Never turn on the mixer when it's under load (full of materials) . There's danger of mixer motor and contactors burn-out .

4- Do not move up the bucket when cement, grit, sand and water aren't full

(Caused by any reason like lacking materials etc.)

5- if grit doesn't come through the gate , it's probably because of vibrator malfunction. In this case do not use person to fill the bucket; because when operating in automatic mode, bucket moves up right after becoming full and it may injure the person (in this case the operator is responsible)

6- Before any tasks about repairing, changing elements etc. , turn off the main power of the system and press the "STOP" button of the bucket.

7- Do not move scraper cabin until full stop , because there's probability of motor burn-out and rotating gear-box damage . Lifting any miscellaneous objects with scraper crane is forbidden.

8- Clean the water filter every 5 days.

9- Changing mixer gear-box oil is mandatory after each 1000 hours usage.

Oil type: transparent oil, SAE viscosity grade: 140 , volume : 20 ltr

10- Changing bucket gear-box oil is mandatory after each 2000 hours usage.

Oil type: transparent oil, SAE viscosity grade: 140 , volume : 16 ltr

11- Changing concrete discharge door oil is mandatory every working week.

Oil type: hydraulic oil, ISO standard: 68 , volume : 5 ltr

12- Changing air compressor oil is mandatory every working week.

Oil type: SHELL, AMSOIL, ISO standard: 40 , volume : 2 ltr

Empty compressor tank water every 2 weeks; its valve is located under tank.

13- Changing scraper rotator oil and scraper gear-box oil is mandatory after each 1000 hours usage.

Oil type: transparent oil, SAE viscosity grade : 140 , volume : 3 ltr

Towlines Specifications:

1- Bucket: anti twisting towline , thickness : 10 mm , length : 18 m

2- Scraper: full steel towline , thickness : 10 mm , length : 16 m

3- Scraper's throwing towline: full steel , thickness: 10 mm , length : 26 m

4- Boom holder towline: full steel thickness : 10 mm , length : 23 m

Note: Daily check-up of towlines is necessary

Greasing:

- 1- Cement conveyer pipes should be greased every day.
- 2- Concrete discharge door should be greased at the end of work every day.

Caution:

- 1- Turn off the main power if anybody should go inside the mixer or under bucket.
- 2- Do not pour water on motors.
- 3- Make sure that bucket is balanced when it's loaded with aggregates (one side is not heavier than the other)
- 4- Do not clean inside scraper room by pouring water.
- 5- Do not overload mixer; make sure it's empty when loading again.
- 6- When the batching plant is not being used, turn off the main power
- 7- Do not make or put any drink or liquid on the electrical box.

Observing mentioned notes will enhance your batching plant durability.

If you have any question or problem please contact us to help you with proper guidance. In special conditions , expert staffs will be sent to meet your demands.

Aslani Industrial Group Management