



### Preoperational Checklist for Screens

Form must be attached to the Warranty Registration Form located at <https://dealers.aggretek.com/limited-warranty-registration/>

**IMPORTANT**

Warranty will be void if this registration is not returned within ten (10) day after the equipment is put into service.

Date Put Into Service	Hours on Unit	Sale <input type="checkbox"/>	Lease <input type="checkbox"/>	Rental <input type="checkbox"/>	Unit Serial Number	Engine Serial Number
Job Order	Dealer Order Number			Unit Model Number	Engine registered with manufacturer <input type="checkbox"/>	
Dealer Name	Dealer Signature			City	State	Zip
Owner/Lessee	Signature			City	State	Zip
Owner/Lessee Address	Phone Number	E-Mail			Title	

## NOTICE

Complete the Preoperational Check as part of warranty registration. Complete the pre-operational check any time equipment moves to a new site, changes renters, or has been in storage for an extended period. Check each component to insure that it is in operational condition. This check should include, but not be limited to the following items listed below.

Mark the appropriate yes/no column indicating that the following items have been checked or reviewed.

<u>Pre-Operational Checks</u>	<u>Okay</u>	<u>Adjust</u>	<u>Pre-Operational Check</u>	<u>Okay</u>	<u>Adjust</u>
1. The safe operation of this product been explained and a complete operator's manual was with the product.	<input type="checkbox"/>	<input type="checkbox"/>	9. If on a portable plant:		
2. Has the Warranty Policy been reviewed with the customer?	<input type="checkbox"/>	<input type="checkbox"/>	a. Is the plant cribbed correctly? Take pictures of all crib points.	<input type="checkbox"/>	<input type="checkbox"/>
a. Does the unit have a standard 1 year/2000 hour warranty? _____			b. Is the plant level?	<input type="checkbox"/>	<input type="checkbox"/>
b. Does the unit have an extended/special warranty? _____			10. Is the screen box level in both directions?	<input type="checkbox"/>	<input type="checkbox"/>
3. Are the operation manual and parts book on-site?	<input type="checkbox"/>	<input type="checkbox"/>	11. Was a water level or transit used to check all spring perches on the same plane?	<input type="checkbox"/>	<input type="checkbox"/>
(Manuals are shipped in the wooden crate with every piece of equipment. See inventory checklist.)			12. Is the screen properly supported and are the supports under the springs?	<input type="checkbox"/>	<input type="checkbox"/>
4. Have the operation manual and parts book been reviewed with the customer?	<input type="checkbox"/>	<input type="checkbox"/>	13. Is there proper clearance for the screen to start up and shut down without hitting?	<input type="checkbox"/>	<input type="checkbox"/>
5. Has the operator been advised about proper safety practices?			14. Has the oil level been checked on both the drive and impulse sides?	<input type="checkbox"/>	<input type="checkbox"/>
a. Lockout/tagout	<input type="checkbox"/>	<input type="checkbox"/>	<u>With the Belt Guard Removed Pre-Operational Checks</u>		
b. Hearing Protection	<input type="checkbox"/>	<input type="checkbox"/>	15. Is the drive, driven sheaves and belt tensioner pulley in proper alignment?	<input type="checkbox"/>	<input type="checkbox"/>
c. Hard Hat Protection	<input type="checkbox"/>	<input type="checkbox"/>	16. Is the drive belt tension correct? (Refer to ops manual for proper tension)	<input type="checkbox"/>	<input type="checkbox"/>
d. Eye Protection	<input type="checkbox"/>	<input type="checkbox"/>	a. What is the idler spring measured height?		
e. Loose Clothing	<input type="checkbox"/>	<input type="checkbox"/>	b. What is the measured belt deflection?		
f. Steel Toe Boots	<input type="checkbox"/>	<input type="checkbox"/>	17. If equipped with rubber springs, are they in the vertical position?	<input type="checkbox"/>	<input type="checkbox"/>
6. Has the screen been inspected for damage prior to start up? (If damage was found please note and provide pictures).	<input type="checkbox"/>	<input type="checkbox"/>	18. Is the tagline properly tensioned (rubber springs only)? (Refer to operation manual for instructions).	<input type="checkbox"/>	<input type="checkbox"/>
7. Are all parts accounted for?			19. Does the basket assembly sit square in the baseframe with the snubber tension backed off?	<input type="checkbox"/>	<input type="checkbox"/>
a. Timing wrench	<input type="checkbox"/>	<input type="checkbox"/>	20. Are the snubber assemblies tensioned to 50 ft/lbs?	<input type="checkbox"/>	<input type="checkbox"/>
b. Timing bars	<input type="checkbox"/>	<input type="checkbox"/>	21. Is the motor the proper RPM and horsepower for this screen?	<input type="checkbox"/>	<input type="checkbox"/>
c. Draw plates, if wire cloth is being used	<input type="checkbox"/>	<input type="checkbox"/>	a. Drive Motor Model #:		
d. Carriage bolts, if wire cloth is being used	<input type="checkbox"/>	<input type="checkbox"/>	b. Motor HP:		
e. Belt guard	<input type="checkbox"/>	<input type="checkbox"/>	c. Rated FLA:		
f. Motor mount (if purchased)	<input type="checkbox"/>	<input type="checkbox"/>	d. Hz:		
If not, please note:			e. RPM:		
			f. Starter size:		
			g. Overload trip setting:		
			h. Wire type and size:		
			i. Locked rotor torque:		
8. Have the motor mount supports been installed?	<input type="checkbox"/>	<input type="checkbox"/>			

The safe operation of this product was explained and a complete operator's manual was with the product.

If adjustments made please note change: \_\_\_\_\_

Date Inspection Completed \_\_\_\_\_

Inspector's Signature \_\_\_\_\_

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With the Belt Guard Removed Pre-Operational Checks

- |   | <u>Okay</u>              | <u>Adjust</u>            |
|---|--------------------------|--------------------------|
| 22. Is there media on all decks?<br>List: _____                                     | <input type="checkbox"/> | <input type="checkbox"/> |
| a. Top deck media type (circle one): Wirecloth Urethane Punch Plate Rubber Other    |                          |                          |
| b. Media aperture opening size: _____   |                          |                          |
| c. Middle deck media type (circle one): Wirecloth Urethane Punch Plate Rubber Other |                          |                          |
| d. Bottom deck media type (circle one): Wirecloth Urethane Punch Plate Rubber Other |                          |                          |
| e. Media aperture opening size: _____   |                          |                          |

- |   |                          |                          |
|---|--------------------------|--------------------------|
| 23. Does the feed box and discharge lips have stand AR liners installed? If not, please specify the thickness and type: | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Are the guards in place and bolted securely?  | <input type="checkbox"/> | <input type="checkbox"/> |

Startup Checks Before Material Is Run

- |  |                          |                          |
|--|--------------------------|--------------------------|
| 25. How long does it take for the screen to reach full RPM?                                      |                          |                          |
| 26. Is the direction of rotation correct (with material flow)?                                   | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Did the screen start up without making contact?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Is there significant vibration present in the structure, catwalks and handrails?             | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Does the screen shut down without making contact?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Check stroke on all four corners. (Record stroke on paper and attach copy to this document). | <input type="checkbox"/> | <input type="checkbox"/> |

Operational Checks

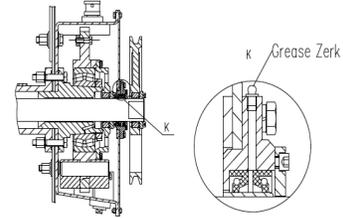
- |  | <u>Okay</u>              |                          |
|--|--------------------------|--------------------------|
| 31. Is the in-feed material centered in the feed box and not dropping on the media?                                | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. What is the in-feed gradation?<br>a. Shot rock: _____<br>b. Sand and Gravel: _____<br>c. TPH of in-feed: _____ |                          |                          |
| 33. Estimated percent retained:<br>a. Top deck: _____<br>b. Middle deck: _____<br>c. Bottom deck: _____            |                          |                          |
| 34. Has the speed and stroke been adjusted to fit the application?<br>a. What is the screen RPM? _____             | <input type="checkbox"/> | <input type="checkbox"/> |
| 35. Have the plug weights been adjusted?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 36. Has the timing angle been adjusted?  | <input type="checkbox"/> | <input type="checkbox"/> |

## Mandatory Periodic Maintenance for Screens

**IMPORTANT**

Warranty will be void if this periodic maintenance is not followed. Always refer to the operators' manual for clarification for your specific machine.

Grease the oil-seal barrier ring located on the screen drive shaft using five pumps of a hand-operated grease gun every 40 hours. Use a grade 2, high temperature, lithium based grease.



Check the torque on all locknuts.

10 Hours of operation \_\_\_\_\_  
Performed by \_\_\_\_\_ Date \_\_\_\_\_

40 Hours of operation \_\_\_\_\_  
Performed by \_\_\_\_\_ Date \_\_\_\_\_

Recommended at 250 hours of operation.

Every 500 hours of operation thereafter.

Torque values for the various locknuts are as follows (always refer to your operators' manual for your specific machine):

Bolt Location	Size	Torque Value
Gear Case Bolts	3/4" (19 mm)	225 ft-lb (300 N m)
Spindle Bolts	3/4" Grade 8 (19 mm)	320 ft-lb (430 N m)
Discharge Lip	1/2" (12 mm)	55 ft-lb (75 N m)
	5/8" (16 mm)	110 ft-lb (150 N m)
Feed Box	1/2" (12 mm)	55 ft-lb (75 N m)
	5/8" (16 mm)	110 ft-lb (150 N m)