

Run - in Test Record for Air Coolers

Record No.: _____
page 1 of 2

Client: _____ Project No.: _____ Project Name: _____	Subcontractor: _____ Subcontract P.O. No.: _____ Air Cooler No.: _____ Date of run-in.: _____
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Additional Information:

Vendor: _____	Unit: _____
P.O. No.: _____	Reference Document: _____

Items to inspect	Remarks
All items are Company hold points	
1.0 Check motor rotation and end play	
2.0 Check lubrication by breaking unions at bearings and filling grease lines: Blade bearings Rotary unions Drive shaft bearings	
3.0 Run motor uncoupled for 1 hour. Check and record: Amps. Bearing temp. RPM Housing temp.	
4.0 Check fan blade jack screw torque and fan blade retainer rings	
5.0 Manually adjustable pitch fan Record pitch of each fan blade: (1) (2) (3) (4)	
6.0 Rotate fan by hand and check tip clearance	

Attachments, No. of pages:

Accepted for Company	Accepted for Client
Name: _____ Signature: _____ Date: _____	Name: _____ Signature: _____ Date: _____

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Items to inspect	Remarks
All items are Company hold points	
7.0 Install V-belts and adjust tension	
8.0 Auto variable pitch fan Check fan operation as follows: (a) Apply psi air pressure to diaphragm and maximum blade angle of (b) Adjust for minimum blade pitch angle of (c) Check fan rotation (d) Check motor amps, fan pitch under operating conditions	
9.0 Start fan and record motor ammeter reading: Amps. Check vibration	
10.0 Run for 4 hours, stop and check all bearings. Retighten V-belts if necessary and increase blade pitch if required	
11.0 Restart and check motor amps if blade pitch changedAmps.	
12.0 Vibration switch test - simulate vibration switch trip	

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