



23 Apr 2019 / B. Fang


Air Compressor Maintenance - Reciprocating Compressor Conducted on 23rd Apr, 2019 By SafetyCulture Staff


Complete

Failed items	Created actions
0	0
Conducted on 📅 23rd Apr, 2019 🕒 9:25 AM +08	
Prepared by B. Fang	
Location 827 4th Ave, Chula Vista, CA 91911, USA	

Maintenance

General Inspection

Inlet filter (located inside or outside)	Good
Housing condition	Good
Inlet filter condition	Good
Date last changed: 📅 23rd Apr, 2019	
Package discharge pressure	Good
Full load pump discharge air temp	Good
Ambient temperature	Requires Action
Photos	
	
Photo 1	
Room temperature: Room temperature is becoming too hot.	
Intake temperature: Intake temperature becoming too hot because of the room temperature.	
Oil level	Requires Action
Notes Replenished reciprocating compressor oil with manufacturer recommended type.	
Grease motors	Requires Action
Type of grease: Applied more grease using the new supply we got from the manufacturer.	
Oil leaks	Good

Excessive vibration	Good
Belts tight	Good
Condition: Belts are tight after replacement last month.	
Unit safety valves	Good
PSI: 15 PSI	
Flow: normal	
Unit properly regulated	Good
Condition of regulator filter	Good
Coolant type: Coolant is manufacturer recommended type.	
Coolant changed	No
Notes No need to change. Was changed last week.	
Inner-cooler/after-cooler cleaned	Yes
Notes Aftercooler and guard cleaned	
Photos	
	
Photo 2	
Check online/offline pressure	Good
Check line filters	Good

Check for air leaks	Good
Notes There was an issue of air leak last week but already fixed. As of today no leaks.	
Blow out dryer	Good
Belt guard secure	Good
Check pressure switch	Good
Check condensate drains	Good
Notes Good and dry.	
Check oil/water separator	Good
Clean unit	Done

Electrical Inspection


Voltage: 480V	
Amperage: normal	
Voltage drop : normal	
Total package amps (Full Load): normal	
Inspect contactors	Good
View electrical connections	Requires Action
Notes I suspected a loose connection and fixed it now.	
Duty cycle test	Good

Completion

Comments/Recommendations

Ambient temperature of the room needs urgent attention. I recommend more ventilation. Already assigned an urgent task to head of facilities to work on this. Going to meet him in 10 minutes.

Name and Signature of Inspector

A handwritten signature in black ink, appearing to be 'B. Fang', enclosed in a rounded rectangular box.

B. Fang

23rd Apr, 2019 9:48 AM +08

Photos

2 Photos



Photo 1



Photo 2