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'C' The Advantage™

START TIME: \_\_\_\_\_ END TIME: \_\_\_\_\_

# RECIPROCATING COMPRESSOR MAINTENANCE CHECKLIST

DATE OF INSPECTION: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

CUSTOMER NAME: \_\_\_\_\_

CUSTOMER ADDRESS: \_\_\_\_\_

COMPRESSOR TYPE: RECIPROCATING

MODEL NUMBER: \_\_\_\_\_ (HP): \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

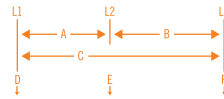
MFG DATE: \_\_\_\_\_ NEXT MAINT. DATE: \_\_\_\_\_

WORK ORDER NUMBER: \_\_\_\_\_

## GENERAL INSPECTIONS - (CHECK AND RECORD, IF APPLICABLE)

1.    Inlet Filter Located Inside or Outside \_\_\_\_\_
2.    Housing Condition \_\_\_\_\_
3.    Inlet Filter Condition Last Changed: (Date) \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
(Hours) \_\_\_\_\_
4.    Package Discharge Pressure (PSIG / Bar) \_\_\_\_\_
5.    Full Load Pump Discharge Air Temp (°F/°C) \_\_\_\_\_
6.    Ambient Temperature (°F/°C) Room \_\_\_\_\_ Intake \_\_\_\_\_
7.    Oil Level \_\_\_\_\_ / \_\_\_\_\_
8.    Grease Motors \_\_\_\_\_  
(Type of Grease) \_\_\_\_\_
9.    Oil Leaks (Class 1, 2, 3) \_\_\_\_\_
10.    Excessive Vibration, is unit tight?  
Properly Installed \_\_\_\_\_
11.    Belts Tight - Condition \_\_\_\_\_
12.    Unit Safety Valves PSI \_\_\_\_\_ Flow \_\_\_\_\_
13.    Unit Properly Regulated \_\_\_\_\_
14.    Condition of Regulator Filter \_\_\_\_\_
15.    Coolant Type \_\_\_\_\_
16.    Coolant Changed \_\_\_\_\_
17.    Inner-Cooler/After-Cooler Cleaned \_\_\_\_\_
18.    Check Online/Offline Pressure \_\_\_\_\_
19.    Check Line Filters \_\_\_\_\_
20.    Check Air Leaks \_\_\_\_\_
21.    Blow Out Dryer and Check \_\_\_\_\_
22.    Belt Guard Secure \_\_\_\_\_
23.    Check Pressure Switch \_\_\_\_\_
24.    Check Condensate Drains \_\_\_\_\_
25.    Check Oil/Water Separator \_\_\_\_\_
26.    Clean Unit \_\_\_\_\_

## ELECTRICAL INSPECTION - (CHECK AND RECORD THE FOLLOWING)



27.    Voltage A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_  
D \_\_\_\_\_ E \_\_\_\_\_ F \_\_\_\_\_
28.    Amperage L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_
29.    Voltage Drop L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_
30.    Total Package Amps (Full Load) L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_
31.    Inspect Contactors \_\_\_\_\_
32.    View Electrical Connections \_\_\_\_\_
33.    Duty Cycle Test \_\_\_\_\_

## PARTS USED:

Part #	Description	Quantity

NOTES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

A. OK B. Fixed/Changed/Cleaned During Visit C. Still Required Repair/Changing/Cleaning

- Y N
- Does customer have adequate spare parts? (If NO, enter recommendation below)
- Is there any additional maintenance needed?
- If Yes, is it urgent?

Recommendations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INSPECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Serviceman's Signature)

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Customer's Signature)

\_\_\_\_\_  
(Customer's Name/Title PRINTED)