



COMPRESSOR START-UP AND SYSTEM ANALYSIS

CONTRACTOR: _____

JOB NAME: _____

JOB LOCATION: _____

INV. #: _____ DATE: _____

COMPRESSOR INFORMATION

NEW: M/N _____

S/N _____

OLD: M/N _____

S/N _____

ELECTRICAL COMPONENTS

- A. CONTACTORS**
- (1) CHECK CONTACTS OK NOTE
 - (2) CHECK OPERATION OK NOTE
 - (3) CHECK CONNECTIONS OK NOTE
- B. TIMERS**
- (4) CHECK ANTI-CYCLE TIMER OK NOTE
 - (5) CHECK P/W TIMER OK NOTE
 - LENGTH OF DELAY _____ SEC.
- C. FUSES OR BREAKERS**
- (6) CHECK SIZE OK NOTE
 - (7) CHECK CONNECTIONS OK NOTE
- D. DRY RUN OF COMPRESSOR**
- (8) CHECK CONTROL CIR. OPERATION OK NOTE
 - (9) CHECK FOR OIL FAILURE DROP-OUT OK NOTE
 - (10) CHECK PHASE MONITOR OK NOTE
- E. CRANK CASE HEATER**
- (11) CHECK OPERATION OK NOTE
 - AMP _____
 - (12) OFF WHEN COMPRESSOR IS ON OK NOTE

REFRIGERANT CIRCUIT COMPONENTS

- A. THERMOSTAT EXPANSION VALVE**
- (13) CHECK REMOVED BULB LOCATION OK NOTE
 - (14) CHECK SIZE OK NOTE
 - (15) REMOTE BULB INSULATED OK NOTE
 - (16) EQUALIZING TUBE LEAKING OK NOTE
- B. LIQUID LINE DRIER**
- (17) SIZE OK NOTE
 - (18) CHANGED OK NOTE
 - (19) PRESSURE/TEMP DROP OK NOTE
- C. SUCTION LINE DRIER**
- (20) SIZE OK NOTE
 - (21) CHANGED OK NOTE

- D. EVAPORATOR & CONDENSOR**
- (22) EVAP CLEAN OK NOTE
 - (23) COND CLEAN OK NOTE
 - (24) CHECK EVAP PULLEYS OK NOTE
 - (25) CHECK BELTS OK NOTE
- E. SOLENOID VALVES**
- (26) CHECK WIRING OK NOTE
 - (27) CHECK FOR LEAK-BY OK NOTE

SAFETY CONTROLS

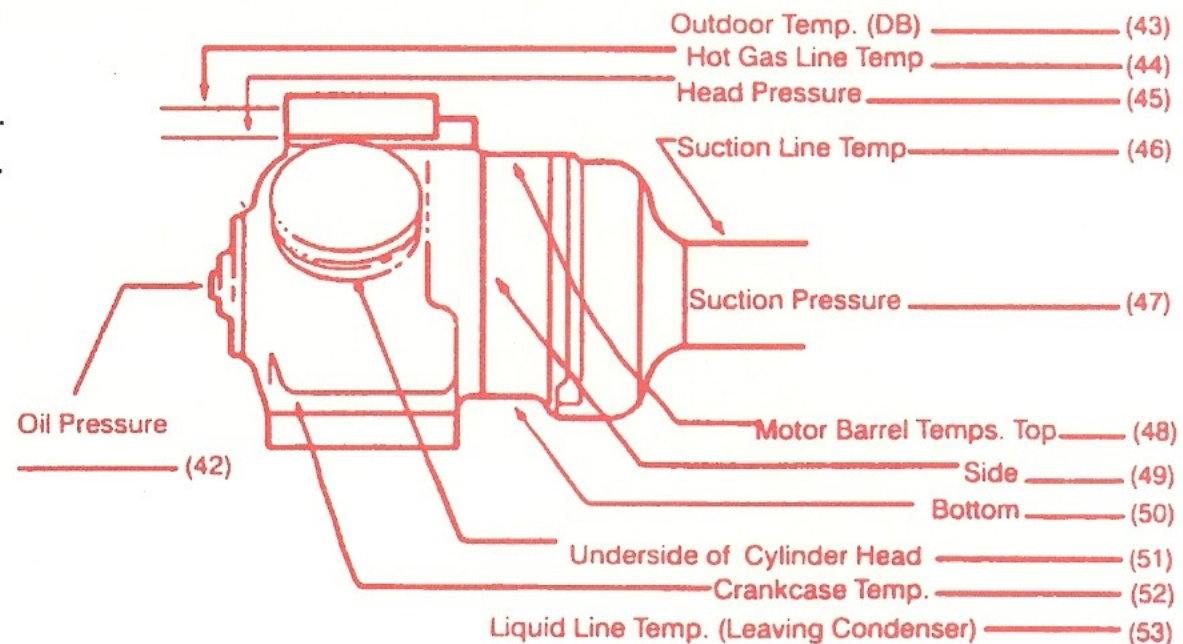
- A. HIGH PRESSURE**
- (28) CHECK OPERATION OK NOTE
 - (29) PRESSURE SETTINGS CUT IN _____ CUT OUT _____
 - (30) MANUAL RESET OK NOTE
- B. LOW PRESSURE**
- (31) CHECK OPERATION OK NOTE
 - (32) PRESSURE SETTINGS CUT IN _____ CUT OUT _____
- C. OIL PRESSURE**
- (33) CHECK OPERATION OK NOTE
 - (34) CUT OUT TIME 60 90 120 240
 - (35) PRESSURE SETTING

OPERATING DATA

- A. COMPRESSOR CONTACTOR VOLTAGE**
- | | #1 CONTACTOR | #2 CONTACTOR |
|------------|--------------|--------------|
| (36) L1-L2 | _____ | _____ |
| (37) L1-L3 | _____ | _____ |
| (38) L2-L3 | _____ | _____ |
- B. COMPRESSOR AMPERAGE**
- | | | |
|---------|-------|-------|
| (39) L1 | _____ | _____ |
| (40) L2 | _____ | _____ |
| (41) L3 | _____ | _____ |

Allow compressor to run for 30 minutes, then obtain the pressures and body temperature at the locations shown below. Check for proper oil return in sight glass.

CHILLED WATER TEMP R _____ S _____
OR AIR TEMP R _____ S _____



TECHNICIAN'S SIGNATURE _____

CUSTOMER'S SIGNATURE _____