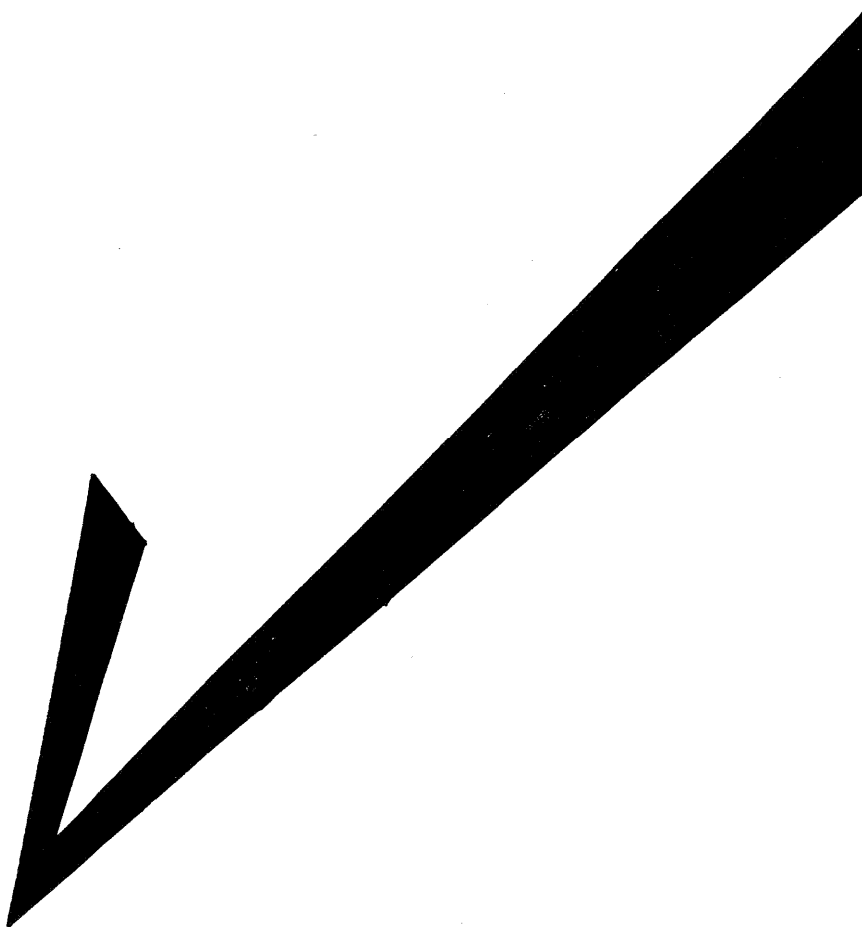


CC-100 START-UP  
PROCEDURES



## OPERATOR START-UP PROCEDURES

### (1) Preliminary:

- A. Check engine coolant level (sight gauge).
- B. Check engine oil level (dipstick).
- C. Check hydraulic oil level (dipstick).
- D. Check fuel oil level (gauge).
- E. If any are low, get filled before operating vehicle.

### (2) Start:

- A. Set parking brake.
- B. Place transmission in neutral.
- C. Turn hoist and tilt control air shut-off valve to "OFF" position.
- D. Start engine. In cold weather, give engine (1) measured shot of ether while cranking engine. Below -17° Celcius, give engine (2) measured shots of ether while cranking engine. If engine does not start, wait (5) minutes before attempting to start engine with a maximum of (2) measured shots of ether. If engine still does not start, wait (5) minutes more before attempting to start with ether. If it still will not start, call maintenance.

### (3) Engine warm-up and vehicle checks:

- A. Set engine RPM at 1000 with hand throttle. All functions shut-off or in neutral as previously described.
- B. Turn on and check all lights.
- C. IMPORTANT - check transmission oil level (dipstick).
- D. Dismount - walk around vehicle and perform the following checks. Leave engine running.
  - 1. Pull drain cables on air tanks. Hold open until all moisture is discharged. One cable is located near left front bottom step. Second cable is located at right rear of chassis.

2. Check wheel nuts - if loose, call maintenance.
3. Check for loose bolts or nuts, loose hose clamps, hydraulic hoses and fittings that are leaking or worn, air leaks. If any are noticed, call maintenance.
4. Look for structural cracks in bogie, chassis, container carriage bogie wheels, and any appearance of abnormal operation. If found, report to maintenance.
5. Check oil level in tanks for bogie brakes. If low, add oil before operating vehicle.
6. Check oil level in emergency steering tank (right rear of chassis canopy). If low, add oil before operating vehicle.

(4) Vehicle final check before operating:

- A. Raise lift shoes free of pavement, tilt container carriage to the rear. Safety switch must stop motion before it hits bogie tower.
- B. Hoist container carriage to the top and dump fully. Now attempt to lower. The safety switch must prevent the container carriage from being lowered in a dumped position.
- C. Fully retract the dump cylinders and lower hoist cylinders.
- D. If safety switches are not working, call maintenance.
- E. Check wheel sanders for normal operation.
- F. Check operation of vehicle brakes.

(5) If vehicle is functioning normally, go to work. If not, call maintenance.

(6) IMPORTANT - If hydraulic hoses break or if serious hydraulic leaks develop, stop immediately and call maintenance.