



29 Palms Laboratory  
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Title: Coleman Generator Operation  
Number: SP005  
Release Date: 10/7/99  
Revision Date: 3/6/01  
Version: 1.0

**DOCUMENT TYPE:** Standard Operating Procedure  
**TITLE:** Coleman Generator Operation  
**PREPARED BY:** Jeanette de la Rosa, Quality Assurance Officer \_\_\_\_\_  
**REVIEWED BY:** Anne Cheung, Laboratory Manager \_\_\_\_\_  
**APPROVED BY:** Marshall K. Cheung, Ph.D., Laboratory Director \_\_\_\_\_

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<b>Date:</b>	July 28, 2004



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## 1. Scope and Application

- 1.1. This SOP provides instructions for the safe use of the Coleman electric generator.
- 1.2. Maintenance of the generator is also described.

## 2. Summary of Method

- 2.1. Check oil
- 2.2. Check gasoline
- 2.3. Start generator
  - 2.3.1. Move choke bar into position
  - 2.3.2. Put throttle on fast
  - 2.3.3. Ground with copper stake in ground
  - 2.3.4. Turn Stop Control switch to on
  - 2.3.5. Push the red I/O key to I.
  - 2.3.6. Pull rip cord to start
  - 2.3.7. Adjust choke and throttle to achieve smooth idle.
- 2.4. Stop Generator
  - 2.4.1. Move throttle to slow
  - 2.4.2. Turn the switch to off

## 3. Equipment

- 3.1. Coleman Generator
- 3.2. Rags

## 4. Reagents

- 4.1. Gasoline
- 4.2. Oil (30 SAE)

## 5. Procedure

- 5.1. Check the oil level in the generator.
  - 5.1.1. Change oil after first five hours then every eight thereafter.
- 5.2. Fill generator gas tank with unleaded gasoline.
- 5.3. Start the generator
  - 5.3.1. Move **choke bar** to *choke* position.
  - 5.3.2. Put **throttle** to *fast* position (to the left).
  - 5.3.3. Ground the generator with **copper wire and stake**.
  - 5.3.4. Place **Stop Control Switch** on.
  - 5.3.5. Push the red **I/O** key to I.
  - 5.3.6. Pull **rip cord** to start.
  - 5.3.7. Move **choke** to the *run* position.
  - 5.3.8. Adjust **throttle** to control speed.
- 5.4. Stop the Generator
  - 5.4.1. Move **throttle** to *slow* position (to the right).
  - 5.4.2. Turn **Stop Control Switch** off.



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## 6. Maintenance

- 6.1. Change the oil after the first 5 hours of operation then every 8 hours thereafter.
- 6.2. Change the spark plugs after every 100 hours of operation.

## 7. Bibliography

- 7.1. Briggs & Stratton Operator/Owner Manual. Copyright 1997 by Briggs & Stratton Corporation