

TWP PROCEDURE	CYCLING DIESEL FUEL DRUMS ON NAURU	PRO(GEN)-015.000
Author: M. Apple		02 June 2004 Page 1 of 3

Cycling Diesel Fuel Drums on Nauru

I. Purpose:

The purpose of this procedure provides instructions for cycling diesel fuel drums on Nauru.

II. Cautions and Hazards:

General Safety

- Do not run the fuel pump dry.
- Do not smoke or turn on naked (uncontained) light bulbs within 6 meters (approx. 20 feet) of the fuel tanks.
- Clean up any diesel fuel spills by washing the affected area with detergent.

Battery-related Safety

- When charging the battery, remove it from the pump trolley.
- If the battery does not use sealed acid, check the electrolyte levels before and after charging.
- When removing the battery from the pump trolley, move the trolley near a wall, and then set it with its handles facing the wall.
- Pay close attention to battery connection:
 - Red clip – positive
 - Black clip – negative
- Store unused batteries with clips down, excess cables inside the battery box.

III. Requirements:

- Safety glasses
- Leather or rubber gloves

IV. Procedure:

A. Refilling the primary storage 1000 gallon tank from drum lot 05Mar03.

1. Reduce level of primary storage tank to $\frac{3}{4}$ empty.
2. Refill the primary storage tank when the level of fuel is $\frac{3}{4}$ empty with fuel from fuel drums.

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3. Locate the existing 60 (205 liters each) fuel drums under the yellow tarp placed on spill pallets and labeled "Fill date 5Mar03" (this date will change when fuel is rotated).
 - a) The 60 drums represent a total of 3,240 gallons (12,265 liters).
 - b) There are 4 drums per spill containment pallet.
4. Remove 12 drums (3 pallets) and pump the fuel into the primary storage tank.
5. Reseal the empty drums immediately to prevent moisture from entering the drums.
6. Palletize and cover the empty drums with the yellow tarp.
7. Remove the label "05Mar03" and add a new label "Drums Empty."
8. Continue this process 4 more times until all 60 drums labeled "05Mar03" are empty and labeled "Drums Empty."
9. Contact the Nauru Phosphate Company for refilling the 60 empty drums.
10. Label the 60 drums with the new fill date.
11. Continue to use the NPC fuel truck to fill the 1000 gallon tank until 29Nov04.

B. Refilling the primary storage 1000 gallon tank from drum lot 29Nov04.

1. Reduce level of primary storage tank to $\frac{3}{4}$ empty.
2. Refill the primary storage tank when the level of fuel is $\frac{3}{4}$ empty with fuel from fuel drums.
3. Locate the existing 20 (205 liters each) fuel drums under the yellow tarp placed on spill pallets and labeled "Fill date 29Nov04" (this date will change when fuel is rotated).
 - a) The 20 drums represent a total of 1,083 gallons (4,100 liters).
 - b) There are 4 drums per spill containment pallet.
4. Remove 12 drums (3 pallets) and pump the fuel into the primary storage tank.
5. Reseal the empty drums immediately to prevent moisture from entering the drums.
6. Palletize and cover the empty drums with the yellow tarp.
7. Remove the label "29Nov04" and add a new label "Drums Empty."
8. Continue this process 1 more time until all 20 drums labeled "29Nov04" are empty and labeled "Drums Empty."

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9. Contact the Nauru Phosphate Company for refilling the 20 empty drums.
10. Label the 20 drums with the new fill date.
11. Continue to use the NPC fuel truck to fill the 1000 gallon tank.

V. References:

None.

VI. Attachments:

None.