**Product End-of-Life Disassembly Instructions**

**Product Category: Personal Computers**

**Marketing Name / Model**
[List multiple models if applicable.]

Name / Model #1: HP Compaq dc7700 Convertible Minitower (CMT) Business PC
Name / Model #2
Name / Model #3
Name / Model #4
Name / Model #5

**Purpose:** The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

### 1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.

1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Notes</th>
<th>Quantity of items included in product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)</td>
<td>With a surface greater than 10 sq cm</td>
<td>2 or 3 (main sys bd, 1 or 2 power supply)</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</td>
<td>1</td>
</tr>
<tr>
<td>Mercury-containing components</td>
<td>For example, mercury in lamps, display backlights, scanner lamps, switches, batteries</td>
<td></td>
</tr>
<tr>
<td>Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm</td>
<td>Includes background illuminated displays with gas discharge lamps</td>
<td></td>
</tr>
<tr>
<td>Cathode Ray Tubes (CRT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner</td>
<td>Include the cartridges, print heads, tubes, vent chambers, and service stations.</td>
<td></td>
</tr>
<tr>
<td>Components and waste containing asbestos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Components, parts and materials containing asbestos</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

<table>
<thead>
<tr>
<th>Tool Description</th>
<th>Tool Size (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description #1 Phillips screwdriver</td>
<td></td>
</tr>
<tr>
<td>Description #2 Dikes</td>
<td></td>
</tr>
<tr>
<td>Description #3</td>
<td></td>
</tr>
<tr>
<td>Description #4</td>
<td></td>
</tr>
<tr>
<td>Description #5</td>
<td></td>
</tr>
</tbody>
</table>

### 3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. To remove the access panel (see Figure 1):
   a. Lift up on the access panel handle (1).
   b. Slide the access panel back about 2.5 cm (1 inch).
   c. Lift it off the unit (2).

2. Remove or cut all expansion cards, cables, and any other devices from the system board.

3. To remove the system board (see Figure 2):
   a. Compress the system board tray handle (1) to release the latch, and then slide the system board tray toward the front of the computer (2) to free it from the back of the chassis.
   b. Lift the system board out of the chassis.

4. To remove the battery:
   Locate the battery and battery holder on the system board. Depending on the type of battery holder on the system board, complete the following instructions to remove the battery
   **TYPE 1 BATTERY HOLDER** (see Figure 3):
   Lift the battery out of the holder.
   **TYPE 2 BATTERY HOLDER** (see Figure 4):
   To release the battery from its holder, squeeze the metal clamp that extends above one edge of the battery. When the battery pops up, lift it out.
   **TYPE 3 BATTERY HOLDER** (see Figure 5):
   Pull back on the clip that holds the battery in place, and then remove the battery.

5. To remove the power supply (see Figure 6):
   a. Remove the four screws that connect the power supply to the chassis (1).
   b. Slide the power supply toward the front of the computer (2), and then lift it out of the computer.

6. To remove the power supply PCA:
   HP uses two different power supplies from two different vendors in these computers. Use the following steps to determine which power supply you have and its required disassembly procedures.
   **POWER SUPPLY 1**
   a. Remove the two screws that secure the cover to the top of the power supply (see Figure 7).
   b. Remove the two screws that secure the cover to the bottom of the power supply (see Figure 8).
   **NOTE**: You do not need to remove the screws from the fan guard or the power connector.
   c. Cut the two plastic ties that secure the wires to the cover (see Figure 8).
   d. Remove the cover from the power supply by lifting the ends that contain the screw holes and lifting the cover from the power supply. You may have to move the wires aside to remove the cover.
   e. Cut the wires from the PCA.
   f. Turn the power supply upside down and remove the four screws that secure the PCA to the chassis (see Figure 9).
   g. Remove the PCA from the power supply.
   h. Cut the three capacitors as shown in Figure 10.
POWER SUPPLY 2
a. Remove the two screws from the top of the power supply as shown in Figure 11.
NOTE: You do not need to remove the screws from the fan guard or the power connector.
b. Remove the four screws from the bottom of the power supply as shown in Figure 12.
c. Cut the two plastic ties that secure the wires to the cover (see Figure 12).
d. Slide the power supply cover straight back to disengage the clips and remove from the chassis.
e. Remove the two screws that secure the small PCA to the top of the power supply chassis (see Figure 13).
f. Cut all wires from both the small and large power supply PCA.
g. Remove the small PCA from the power supply.
h. Remove the four screws that secure the large power supply PCA to the power supply chassis (see Figure 14).
i. Remove the PCA from the power supply.
j. Cut the three capacitors as shown in Figure 15.

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).
FIGURE 1: Removing the access panel.

FIGURE 2: Removing the system board

FIGURE 3: Type 1 battery holder
FIGURE 4: Type 2 battery holder

FIGURE 5: Type 3 battery holder

FIGURE 6: Removing the power supply
FIGURE 7: Power supply 1 - Cover screw locations

FIGURE 8: Power supply 1 – Cover screw and plastic tie locations
FIGURE 9: Power supply 1 –PCA screw locations

FIGURE 10: Power supply 1 –Capacitors to cut (3)
FIGURE 11: Power supply 2 – Cover screw locations

FIGURE 12: Power supply 2 – Cover screw and plastic tie locations
FIGURE 13: Power supply 2 – Small PCA screw locations

FIGURE 14: Power supply 2 – Large PCA screw locations
FIGURE 15: Power supply 2 – Capacitors to cut (3)