Product End-of-Life Disassembly Instructions

Product Category: Inkjet Printers

Marketing Name / Model
[List multiple models if applicable.]
Designjet Z6100 / Q6651A, Q6651C
Designjet Z6100 / Q6652A, Q6652C
Designjet Z6100ps / Q6653A, Q6653C
Designjet Z6100ps / Q6654A, Q6654C

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.

<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>16</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries: CR2032 on Main PCB</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>0</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>0</td>
</tr>
<tr>
<td>Cathode Ray Tubes (CRT)</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td>Located in Power Supply</td>
<td>9</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>1 Power cable per model. 1 communication TUR-printer cable &amp; 1 TUR sensor cable only for 60” models, optional for 42”.</td>
<td>Q6651A: 1  Q6653A: 1  Q6652A: 3  Q6654A: 3</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner</td>
<td>URK (8 ink cartridges, 8 ink transport tubes, 8 joining plastic parts, 2 Spitoons), CARRIAGE (8 printheads, 8 ink printhead-tubes joining) SERVICE STATION (8 maintenance cartridges, 1 Drop detector)</td>
<td>51</td>
</tr>
</tbody>
</table>
Components and waste containing asbestos | 0
Components, parts and materials containing refractory ceramic fibers | 0
Components, parts and materials containing radioactive substances | 0

2.0 Tools Required

<table>
<thead>
<tr>
<th>Tool Description</th>
<th>Tool Size (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Flat-Blade Screwdriver</td>
<td></td>
</tr>
<tr>
<td>Long Torx Screwdriver with attachments</td>
<td>T8, T10, T15, T20, T25</td>
</tr>
</tbody>
</table>

3.0 Product Disassembly Process

3.1 List of the basic steps:

1. Follow the Graphic instruction 1 to segregate components containing ink.
2. Follow the Graphic instruction 2, 3 & 4 to disassembly external covers.
3. Follow the Graphic instructions 2, 5, 6, 7 & 8 to segregate PCA, PCB, condensers and batteries.
4. Follow the Graphic instructions 7, 9 & 10 to segregate parts of the showed assemblies containing ink.

3.2 Graphics.

**Graphic 1:**

![Diagram of a printer showing Printheads, Maintenance Cartridge, Ink Cartridges]
Graphic 2:

![Image of a printer component highlighted with a red circle]

Graphic 3:

![Image of another printer component with numbered parts]

EL-MF877-00
Template Revision A
Graphic 4:

Graphic 5:
Graphic 6:

[Image of an exploded view of a printer or similar device]

Graphic 7:

[Image of another exploded view of a printer or similar device]
Graphic 8:

![Image of a complex assembly with labeled parts](image)

Graphic 9:

![Image of another complex assembly with labeled parts](image)