Appendix 3 Product End-of-Life Disassembly instructions

Product Identification:

<table>
<thead>
<tr>
<th>Marketing Name / Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP L1955 Flat Panel Monitor</td>
<td>LCD Flat Panel Monitor</td>
</tr>
</tbody>
</table>

**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.

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 square cm</td>
<td>4</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</td>
<td>0</td>
</tr>
<tr>
<td>Mercury containing components</td>
<td>For example, mercury in lamps, display backlights, scanner lamps, switches, batteries</td>
<td>4</td>
</tr>
<tr>
<td>Liquid Crystal Displays (LCD) with a surface greater than 100 square cm</td>
<td>Includes background illuminated displays with gas discharge lamps</td>
<td>1</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></td>
<td>1</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants</td>
<td>Declaration limited to case plastics only.</td>
<td>0</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>0</td>
</tr>
<tr>
<td>Components and waste containing asbestos</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components, parts and materials containing refractory ceramic fibers</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
Components, parts and materials containing radioactive substances

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>Screw driver</td>
<td>#2</td>
</tr>
<tr>
<td>Hexagonal inserted handle box wrench</td>
<td></td>
</tr>
<tr>
<td>Pliers</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. Put the monitor on the pad on the worktable with the panel’s face towards the sponge pad.
2. Dismantle the base on the monitor by dial the base switch. (Fig.1)
3. Unlock the screw*4 in both sides of the rear cover. (Fig.2)
4. Unlock the screw*4 in the back side of the rear cover. (Fig.3)
5. Dismantle the rear cover.
6. Unlock the screw*6 in the iron shielding. (Fig.4)
7. Take the iron shielding off the monitor. (Fig.5)
8. Unlock the six-angle screw*4 (Fig.6)
9. 1. Dismantle the four lamp wires connected to the power board.
2. Dismantle the one LVDS wire between panel and IF BD., and another one power wire between Power BD. and IF BD. (Fig.7)
10. 1. Take the four electronic sponges apart from the model. (Fig.8)
2. Unlock the grounding wire screw*1.
11. 1. Take off the thermal pad on the power board. (Fig.9)
2. Take off the AC holder and power switch holder on the power board.
12. 1. Unlock USB screw*1 (Fig.10)
2. Dismantle the USB wire connected to the interface board.
3. Take off the USB board.

13 Unlock the screw*4 in the power board.  
(Fig.11)  

14 Dismantle the power board on the model, pay attention to the two spacers.  
(Fig.12)  

15 Unlock the screw*4 in the interface board.  
(Fig.13)  

16 1. Dismantle the FFC wire connected to the interface board.  
2. Take off the interface board on the iron bracket.  
(Fig.14)  

17 Dismantle the LVDS wire connected to the Panel.  
(Fig.15)  

18 Unlock the screw*4 in the both sides of the iron bracket.  
(Fig.16)  

19 Dismantle the iron bracket.  
(Fig.17)  

20 Take the Panel out of the bezel.  

21 1. Unlock the screw*3 in the control board.  
2. Dismantle the control board on the bezel.  
(Fig.18)  

3.2 OPTIONAL: Depending upon the complexity of the disassembly process, a graphic 
depicting the locations of items contained within the product which require selective 
treatment (with descriptions and arrows identifying locations) can be inserted below:
Fig. 1

screw*4 in rear cover
Fig. 2

Fig. 3
hexagonal screw *4

Fig.6
Fig. 7

- Power Wire
- LVDS Wire
- Lamp
Fig. 8

ground wire screw

electronic sponge
Fig. 9

- Thermal pad
- Holders
Fig. 10

USB screw
Fig.12
Dismantle the FFC wire

Fig.14
Fig. 15

Dismantle the LVDS wire

---

HP-0007-01, Appendix 3
16-May-2005
Fig. 16

Screw*4
adhesive tapes

Fig. 17
<table>
<thead>
<tr>
<th>Designation</th>
<th>Power BD</th>
<th>Interface BD</th>
<th>USB BD</th>
<th>Control BD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacitors</td>
<td>C707 C712 C703</td>
<td>C73 C109 C185</td>
<td>C1 C3</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>C704 C811 C708</td>
<td>C88 C89 C90</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>C709 C801 C802</td>
<td>C108 C160 C161</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>C813 C606 C611</td>
<td>C167 C168 C43</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C52 C57 C60</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C71 C104 C158</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C172</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrolytic Capacitors</td>
<td>C605</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>(larger than 2.5cm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>