

# Product End of Life Characterization Report



## Visioneer Patriot D45 Scanner

### Purpose:

This document is intended for use by recyclers and other end of life processing entities. It details the quantity, locations, and handling instructions for those materials and components specified as requiring selective treatment, as defined under Annex II of the European WEEE Directive 2002/96/EC, of the European Parliament and of the Council on waste electrical and electronic equipment (WEEE), Directive 20012/19/EC, Annex VII and subsequent updates.

### Section 1: Materials and Components Requiring Selective Treatment

| Component or Material  | Remarks   | Qty | Location  | Tools Needed for Disassembly  | Disassembly Instructions   |
|--|---|-----|-----------|---|--|
| <b>Battery (internal <sup>(1)</sup>) containing Mercury (Hg) / NiCad / Lithium / Other</b> | Internal Lithium batteries used for non-volatile memory to store machine defaults and set up parameters in PWBA's/Machine Controllers | 0   | N/A       | Include any tools or special equipment needed to safely disassemble the product here<br><br>N/A | Include step-by-step instructions on how to locate and remove the component here.<br><br>N/A |
| <b>Backlighting lamps of LCD/TFT or similar screens containing Mercury (Hg)</b>            | Touch Screens and Monitors  | 0   | N/A       | N/A   | N/A  |
| <b>External Electric Cables</b>  | Power and data cables   | 5.  | Accessory | No Tools Needed   | Remove by pulling the cables by hand   |

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|---|--|-----|--------------------------|------------------------------|------------------------------|
| <b>Mercury (Hg) in other applications</b> <sup>(2)</sup>  | Scanning Lamps and Backlights                                  | 0   | N/A                      | N/A                          | N/A                          |
| <b>Gas Discharge lamps</b>  | None   | -   | N/A                      | N/A                          | N/A                          |
| <b>Plastic containing brominated flame retardants other than in Printed Circuit Assemblies</b> <sup>(3)</sup> | Flame Retardant, package moulding sealing, plasticiser for PVC | 0   | N/A                      | N/A                          | N/A                          |
| <b>Liquid Crystal Displays with a surface greater than 100 cm<sup>2</sup></b>                                 | Touch Screens  | 0   | N/A                      | N/A                          | N/A                          |
| <b>PCBs with surface area &gt;10 cm<sup>2</sup></b>   | Part Type/Part Number:   |     |                          |                              |                              |
|   | SBA221/004-2570-0  | 1   | Inside Upper Base Ass'y  | Screwdriver                  | Refer to dismantling process |
|   | SBA222/004-2573-9  | 1   | Inside Upper Base Ass'y  | Screwdriver                  | Refer to dismantling process |
|   | CBA370/004-2659-9  | 2   | Inside Optical Ass'y     | Screwdriver                  | Refer to dismantling process |
|   | SBA233/ 004-2699-9   | 1   | Inside Lower Base Ass'y  | Screwdriver                  | Refer to dismantling process |
|   | UIA192/ 004-2815-9   | 1   | Inside Upper Cover Ass'y | Screwdriver                  | Refer to dismantling process |
|   | MBA747/ 004-2819-9   | 1   | Inside Lower Base Ass'y  | Screwdriver                  | Refer to dismantling process |

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| <b>Capacitors with PCB's</b>   | None   | -   | N/A      | N/A                          | N/A                      |
| <b>Capacitors with substances of concern <sup>(4)</sup> + height &gt; 25mm, diameter &gt; 25mm or proportionately similar volume</b> | None   | -   | N/A      | N/A                          | N/A                      |
| <b>Asbestos</b>  | None   | -   | N/A      | N/A                          | N/A                      |
| <b>Refractory ceramic fibres</b>   | None   | -   | N/A      | N/A                          | N/A                      |
| <b>Radio-active substances</b>   | None   | -   | N/A      | N/A                          | N/A                      |
| <b>Beryllium Oxide and other forms of Beryllium</b>  | Ceramics, metal alloy, copper-beryllium alloy, catalyst, precipitation hardening alloy, Cu-Be alloy for spring, solder | 0   | N/A      | N/A                          | N/A                      |
| <b>Gases – which fall under Regulation (EC) 2037/2000 and all hydrocarbons (HC)</b>  | None   | -   | N/A      | N/A                          | N/A                      |
| <b>Components with pressurised gas which need special attention (Pressure &gt;1.5 bar) <sup>(5)</sup></b>                            | None   | -   | N/A      | N/A                          | N/A                      |

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| <b>Liquids <sup>(5)</sup> if volume &gt;10cl (or equivalence in weight, eg for PCB, oil...)</b>  | Fuser Oil, Liquid inks   | 0   | N/A      | N/A                          | N/A                      |
| <b>Mechanical components that store mechanical energy (ie, springs) or equivalent parts which need special attention <sup>5</sup></b><br><br><b>(diameter &gt;10mm and height &gt;25mm or proportionally similar volume and expanding)</b> | Counterbalances for document handlers, scanner platen covers and finisher top output trays | 0   | N/A      | N/A                          | N/A                      |

<sup>1</sup> Internal means that batteries can only be removed by opening the product by means of (a) tool(s)

<sup>2</sup> Substances are considered to be in the product if present above the levels specified in Commission Decision 2005/618/EC related to Directive 2002/95/EC and 2011/65/EC (RoHS Directive) or if their use is permitted through exemptions in the Annex Directive 2011/65/EC

<sup>3</sup> To be coherent with industry current standards and practices on tracking of plastic parts, Directive 2012/19/EC Annex VII requirement is understood to focus on plastic parts that weigh more than 25g

<sup>4</sup> Substance of concern other than PCB, to be specified / addressed further in the context of Directive 2012/19/EC Annex VII national requirements and European developments.

<sup>5</sup> Needs of equivalent nature as those for maintenance, service manuals and installation for safety purposes