

## Yield Reporting Form: HP LaserJet P1102w cartridge model CE285A

### Declaration of Yield

**Toner cartridge yield:**

Average cartridge yield 1600 standard pages<sup>1</sup>

*Declared yield value in accordance with ISO/IEC 19752*

### Toner lab data and results

|                                         |      |
|-----------------------------------------|------|
| Average <sup>1</sup>                    | 1709 |
| Standard Dev.                           | 58   |
| 90% lower confidence limit <sup>1</sup> | 1673 |

|                                           |                                                |
|-------------------------------------------|------------------------------------------------|
| Test date: beginning                      | 2010-1-19                                      |
| Test dates: ending                        | 2010-1-20                                      |
| Number of cartridges used in testing      | 9                                              |
| Number of cartridges used in calculations | 9                                              |
| Type of cartridge                         | Hewlett Packard CE285A all in one              |
| Shake procedure used?                     | Yes, at first and second fade                  |
| Print mode                                | continuous                                     |
| Job size                                  | 100 pages per job to 1500 pages, 25 thereafter |
| Number of engines used in testing         | 3                                              |
| Media                                     | HP Everyday 80g                                |
| Paper size                                | A4                                             |
| Paper feed orientation                    | short edge                                     |
| Computer model                            | HP Compaq dc7700                               |
| Operating system                          | Win XP                                         |
| Application software                      | Adobe Reader 9.0                               |
| Print driver version                      | 20090922                                       |
| Connection type                           | USB                                            |
| Test page version*                        | 2004E                                          |

|                        |    |
|------------------------|----|
| Power on/off every day | No |
|------------------------|----|

|                        |                          |
|------------------------|--------------------------|
| Engine serial numbers: | Engine Firmware Version: |
| VNC3D00083             | 20090924                 |
| VNC3D00182             | 20090924                 |
| VNC3D00184             | 20090924                 |

\*filename: c034911\_ISO\_IEC\_19752\_2004(E)\_Test\_Page.pdf from ISO SC28 website

## Cartridge testing data:

| CE285A     |          | LJ P1102w    | Humidity, %RH |      |         | Temperature, C |      |         |                 |
|------------|----------|--------------|---------------|------|---------|----------------|------|---------|-----------------|
| Cartridge  | Lot Code | Engine SerNo | Max           | Min  | Average | Max            | Min  | Average | Cartridge Yield |
| CE285A-001 | 9K06H1Ak | VNC3D00083   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1638            |
| CE285A-002 | 9K06H1Ak | VNC3D00182   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1790            |
| CE285A-003 | 9K06H1Ak | VNC3D00184   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1701            |
| CE285A-004 | 9K08H1Ak | VNC3D00083   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1664            |
| CE285A-005 | 9K08H1Ak | VNC3D00182   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1795            |
| CE285A-006 | 9K08H1Ak | VNC3D00184   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1654            |
| CE285A-007 | 9K12H1Ak | VNC3D00083   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1730            |
| CE285A-008 | 9K06H1Ak | VNC3D00182   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1738            |
| CE285A-009 | 9K12H1Ak | VNC3D00184   | 49.5          | 44.8 | 47.6    | 25.0           | 23.2 | 24.0    | 1670            |

<sup>1</sup> In an ISO report two values are commonly listed: declared ISO yield and calculated test values. Generally, the calculated test values are higher than the declared ISO yield. Actual cartridge yields vary considerably based on content of images printed and other factors. For more information visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).