

## Yield Reporting Form: HP LaserJet LJ P4015 cartridge model CC364X

### Declaration of Yield

Toner cartridge yield: Average cartridge yield 24,000 standard pages<sup>1</sup>  
Declared yield value in accordance with ISO/IEC 19752

|                            |        |
|----------------------------|--------|
| Average                    | 25,504 |
| Standard Dev.              | 606    |
| 90% lower confidence limit | 25,129 |

|                                           |                                   |
|-------------------------------------------|-----------------------------------|
| Test date: beginning                      | 4/21/2008                         |
| Test dates: ending                        | 4/29/2008                         |
| Number of cartridges used in testing      | 9                                 |
| Number of cartridges used in calculations | 9                                 |
| Type of cartridge                         | Hewlett Packard CC364X all in one |
| Shake procedure used?                     | No                                |
| Print mode                                | Continuous                        |
| Job size                                  | 500 pages per job                 |
| Number of engines used in testing         | 3                                 |
| Media                                     | HP Office                         |
| Paper size                                | letter                            |
| Paper feed orientation                    | short edge                        |
| Computer model                            | HP 2025                           |
| Operating system                          | WINDOWS XP                        |
| Application software                      | Adobe Acrobat 8                   |
| Print driver version                      | HP LaserJet P4015n PCL6           |
| Connection type                           | network                           |
| Test page version*                        | Version 4.0 pdf                   |

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

|                        |                          |
|------------------------|--------------------------|
| Engine serial numbers: | Engine Firmware Version: |
| CNDY105772             | 20071122                 |
| CNDY201834             | 20071122                 |
| CNDY201815             | 20071122                 |

\*filename: Download\_Free\_\_19752\_Test\_Chart\_\_.pdf from ISO SC28 website

## Cartridge testing data:

| CC364X    |          | LJ P4015     | Temperature, C |      |         | Humidity, %RH |      |         |                 |
|-----------|----------|--------------|----------------|------|---------|---------------|------|---------|-----------------|
| Cartridge | Lot Code | Engine SerNo | Max            | Min  | Average | Max           | Min  | Average | Cartridge Yield |
| CC364X-10 | 8C17S1K  | CNDY105772   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 24583           |
| CC364X-11 | 8C17S1K  | CNDY201834   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 24553           |
| CC364X-12 | 8C17S1K  | CNDY201815   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 25720           |
| CC364X-13 | 8C25S1K  | CNDY105772   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 26089           |
| CC364X-14 | 8C25S1K  | CNDY201834   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 25210           |
| CC364X-15 | 8C25S1K  | CNDY201815   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 26193           |
| CC364X-16 | 8C20S1K  | CNDY105772   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 25917           |
| CC364X-17 | 8C20S1K  | CNDY201834   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 25514           |
| CC364X-18 | 8C20S1K  | CNDY201815   | 23.0           | 22.5 | 22.7    | 54.5          | 48.1 | 51.9    | 25760           |

<sup>1</sup> In an ISO report two values are commonly listed: declared ISO yield and calculated test values. In some instances the calculated test values can be higher than the declared ISO yield.

These differing values can be the result of HP overfilling early production cartridges to ensure declared ISO yields will be met or exceeded. Over time, cartridge adjustments are made to compensate for variations in the manufacturing process.

HP will never intentionally adjust the cartridge to below the declared ISO yield; however HP does not guarantee that cartridges will perform to the calculated test values over the life of cartridge production. For this reason, the official declared ISO yield rather than the calculated test value should be considered when evaluating cartridge yield.

Actual cartridge yields vary considerably based on images printed and other factors. For more information visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).