

## HP LaserJet 2420 cartridge model Q6511A Yield Reporting Form

### Declaration of Yield

Toner cartridge yield: Average cartridge yield 6000 standard pages  
Declared yield value in accordance with ISO/IEC 19752

|                             |      |
|-----------------------------|------|
| Average:                    | 7082 |
| Standard Deviation:         | 473  |
| 90% Lower confidence limit: | 6788 |

Date tested: 11/18/2004 – 12/1/2004

|                                           |                                                                                 |
|-------------------------------------------|---------------------------------------------------------------------------------|
| Number of cartridges used in testing:     | 9                                                                               |
| Number of cartridges used in calculation: | 9                                                                               |
| Type of cartridge:                        | Hewlett Packard Q6511A all in one                                               |
| Shake procedure used:                     | Yes, at first and second fade                                                   |
| Print mode:                               | Continuous, 200 page job up to 5000 pages<br>Continuous, 25 page job thereafter |
| Number of engines used in testing         | 3                                                                               |
| Media used                                | Xerox Premium Multipurpose 4024, 20lb                                           |
| Paper size:                               | Letter                                                                          |
| Paper feed orientation:                   | Short edge feed                                                                 |
| Computer model:                           | Compaq EVO desktop                                                              |
| Operating system:                         | Windows XP Professional                                                         |
| Application software:                     | Adobe Acrobat 6.0                                                               |
| Print driver version:                     | LaserJet 2420 PCL6                                                              |
| Connection type:                          | JetDirect                                                                       |
| Test page version:                        | Version 4.0 pdf                                                                 |

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

Power (off/on) everyday: No  
Cartridge lot codes tested: 4I02N2 (3), 4G10N2 (3), 4F11N4 (3)

Engine serial numbers (Engine type: HP LaserJet 2420)

- CNDJD05574, firmware version 20040806 08.006.0
- CNDJD05578, firmware version 20040806 08.006.0
- CNDJD05572, firmware version 20040806 08.006.0

## Cartridge testing data:

| LJ 2420 Q6511A |          |                | Temperature** |      |         | Humidity |      |         | Cartridge Yield |
|----------------|----------|----------------|---------------|------|---------|----------|------|---------|-----------------|
| Cartridge      | Lot Code | Engine serial# | Max           | Min  | Average | Max      | Min  | Average |                 |
| Q6511A-001     | 4I02N2   | CNDJD05574     | 23.1          | 23.1 | 23.1    | 51.3     | 50.1 | 50.8    | 6395            |
| Q6511A-002     | 4I02N2   | CNDJD05578     | 23.1          | 23.1 | 23.1    | 51.3     | 50.1 | 50.8    | 6432            |
| Q6511A-003     | 4I02N2   | CNDJD05572     | 23.1          | 23.1 | 23.1    | 51.3     | 50.1 | 50.8    | 6666            |
| Q6511A-004     | 4G10N2   | CNDJD05574     | 23.1          | 23.1 | 23.1    | 51.3     | 50.0 | 50.7    | 7230            |
| Q6511A-005     | 4G10N2   | CNDJD05578     | 23.1          | 23.1 | 23.1    | 51.3     | 50.0 | 50.7    | 7546            |
| Q6511A-006     | 4G10N2   | CNDJD05572     | 23.1          | 23.1 | 23.1    | 51.3     | 50.0 | 50.7    | 7203            |
| Q6511A-007     | 4F11N4   | CNDJD05574     | 23.1          | 23.1 | 23.1    | 51.3     | 50.5 | 50.8    | 7232            |
| Q6511A-008     | 4F11N4   | CNDJD05578     | 23.1          | 23.1 | 23.1    | 51.3     | 50.5 | 50.8    | 7325            |
| Q6511A-009     | 4F11N4   | CNDJD05572     | 23.1          | 23.1 | 23.1    | 51.3     | 50.5 | 50.8    | 7705            |

|       |      |
|-------|------|
| mean  | 7082 |
| sigma | 473  |
| 90%   |      |
| LCL   | 6788 |

\*\*Due to configuration of climate control data logging system the reported temperatures are not exact. At no time did temperature deviate by more than 2 degrees and is within ISO specified range.