


GRANTS THIS **CERTIFICATE OF APPROVAL** TO:
MAXX - E GUARD BY CMGG B.V., NL - 00IJ FOR
SUCCESSFULLY PROVING TO WORK FOR DATA
SECURITY COMPLYING WITH **LEVEL D AND C OF THE**
EA DMS 2008 STANDARD FOR PHYSICAL HDD -
DESTRUCTION


THE VALIDITY OF THIS CERTIFICATE IS UNTIL OCTOBER 2010

WADDINXVEEN, DATE : *2.11.2009*


Jochen Moeller
EADMS Auditor - For the verification and
compliance of the working methods as well as
the destruction results


Mathias Gärtner
Court appointed and sworn in IT expert witness
For the verification of the trial samples and
results


Mathias Gärtner
IT-Experte Industrie-
und Handelskammer
öffentlich bestellt und vereidigt
Sachverständiger für
„Systeme und An-
wendungen der
Informationsverarbeitung
für den Bereich
Netzwerktechnik“
Helmholtzstr. 38, 64289 Darmstadt


Paul Korremans
EADMS President -
For the board

Certification of CMGG Maxx e-guard

This document is to sum up the basic facts about the certification process of MAXX E GUARD by CMGG in the execution as per June 25th, 2009 according to the “EA DMS 2008 standard for physical HDD destruction”.

General findings:

The above named machine proved to achieve EA DMS level “C” with an infeed of 1 mm in a single passage operation, and level “D” with an infeed of 1 mm in a double passage operation, and is therefore granted the “**Certificate of Approval**”.

Remark: After destruction most particles of the data carrier show a high degree of scratches on the surface, which would make data recovery significantly more difficult and provide data security beyond the mathematical basics of the standard.

Conditions:

The certified security levels are subject to the correct handling of the machine according to the corresponding chapters in the operators manual.

Validity:

The validity of the certificate was granted for a period of 12 months and is therefore valid until October 2010.



The certification process:

The 6 stages:

1. Evaluation of the machine and the trial conditions.
2. Definition of the trial to gain statistically representative results.
3. Carrying out the certification trials.
4. Verification by the EA DMS auditor.
5. Verification by an independent court appointed and sworn in IT expert witness.
6. Findings in detail.

1. The machine was operated under the following conditions:

- Clean in general.
- Knives with already 300 cuts in use.
- Temperature 21 C.
- Indoor, power supply 230 V 50 Hz.
- Manual available in digital version.

The conditions allowed the necessary trials.

2. Definition of the trails:

- The operating conditions were constant without interruptions.
- The trial time was set to 5 hours for single and double passage.
- HDDs type Cheetah Seagate ST 3184040 LC and 318203 LC were selected for the trials.
- The separated sample material was set to 4 complete HDDs for single and double passage each.
- The taken samples represent for single and double passage a statistically significant amount of the overall trials.

The trials were statistically significant.



3. Carrying out the trials:

- Auditor in charge
- Date and time of trials
- Participating persons

EA DMS - auditor Dipl. Ing. Jochen Möller
June 25th, 2009: 10.00 to 15.00
Gerard van Gemert
Christian Mesu (partial)

- Single passage was done first followed by double passage.
- All questions of the auditor could be answered immediately.
- The handling of the machine was practically demonstrated.
- The compliance with the operators manual was not fully given, because of partly missing important information.

4. Verification of EA DMS auditor:

Auditor in charge:

EA DMS - auditor Dipl. Ing. Jochen Möller

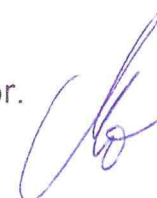
- Samples were separated into data carrying pieces and waste pieces.
- Data carrying pieces were separated into several size categories and into single, double, triple, quad layer pieces.
- Pre-measurements were carried out to identify the pieces with critical potential.
- The weighing was carried out manually in the groups of the larger pieces piece by piece and in the non critical groups with the smaller pieces in quantities of several pieces in one weighing.
- The weighing was done on a precision scale with 0,05 g accuracy.
- The non compliance with the operators manual was defined and send as demand for change to CMGG dd. Aug. 24th, 2009.
- After the demanded changes in the manual were carried out sufficiently, all sample material and the taken measurements were handed over to the independent court appointed and sworn in IT expert witness.

5. Verification of the independent court appointed and sworn in IT expert witness

IT expert witness in charge:

Prof. Dr. Pausch & Partner - Dipl. Ing. Mathias Gärtner

- All provided documents, incorporated data and samples were reviewed.
- Expertise 091009/04 was executed and confirmed the findings of the verification done by the EA DMS auditor.



6. Findings:

Level C:

| | |
|---|--------|
| Basis population in Hg: | 11880 |
| Assessed share of statistical population in % : | 95,97 |
| Achieved average in g: | 0,1888 |
| Achieved average in mm ² : | 83,89 |
| Statistically significant: | Yes |
| In all classes within given limits: | Yes |
| (refer to attached chart for level "C") | |

Level D:

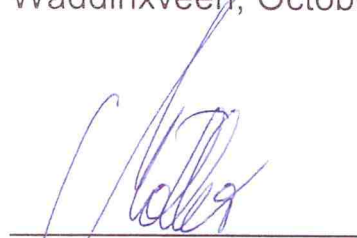
| | |
|---|--------|
| Basis population in Hg: | 5940 |
| Assessed share of statistical population in % : | 73,23 |
| Achieved average in g: | 0,0271 |
| Achieved average in mm ² : | 12,05 |
| Statistically significant: | Yes |
| In all classes within given limits: | Yes |
| (refer to attached chart for level "D") | |



Attached documents:

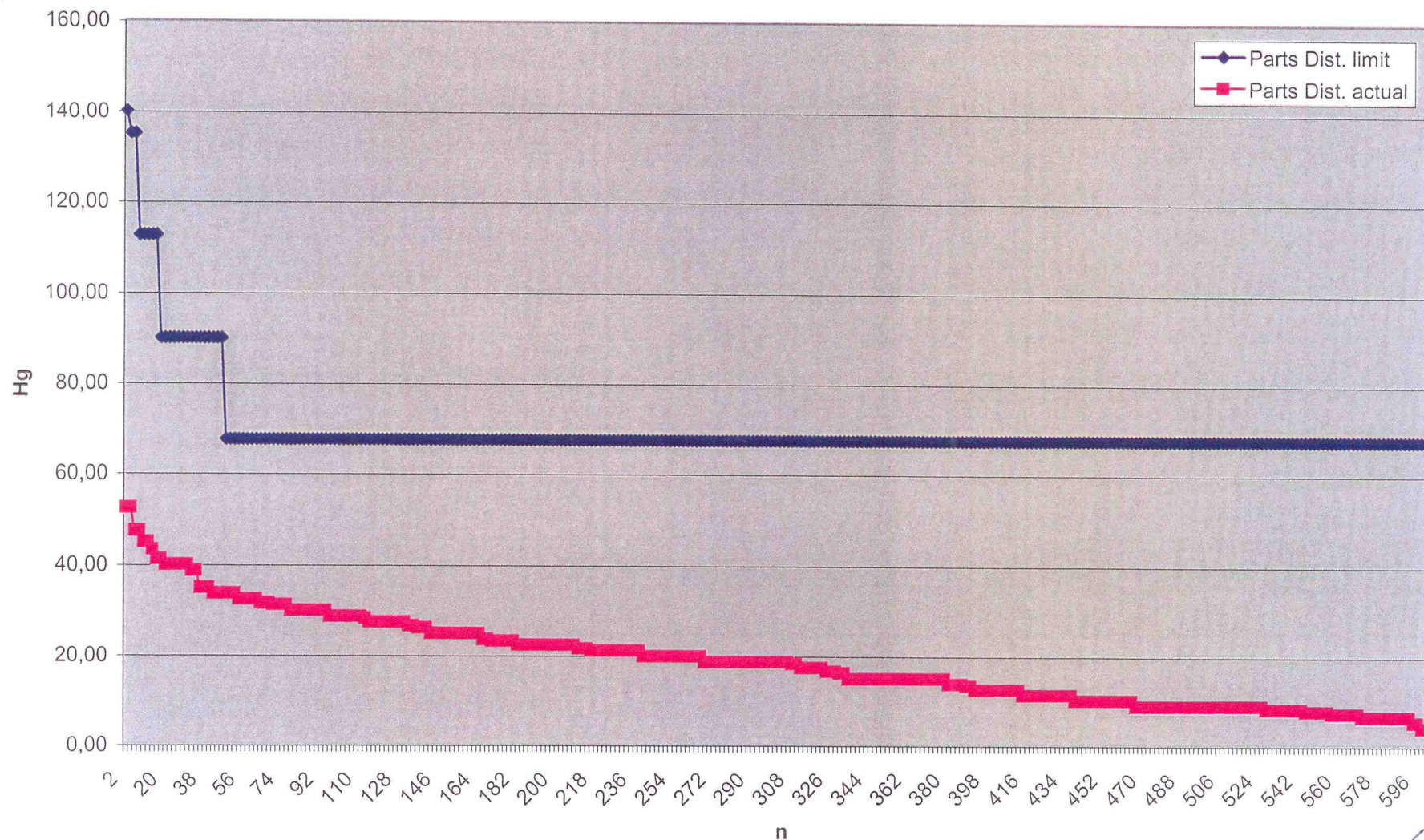
- Certificate as per November 2nd, 2009
- Chart with distribution level "C", dd. Oct. 19th, 2009.
- Chart with distribution level "D", dd. Oct. 19th, 2009.

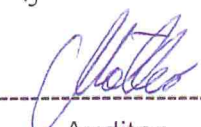
Waddinxveen, October 19th, 2009



Jochen Moeller
EA DMS
Auditor

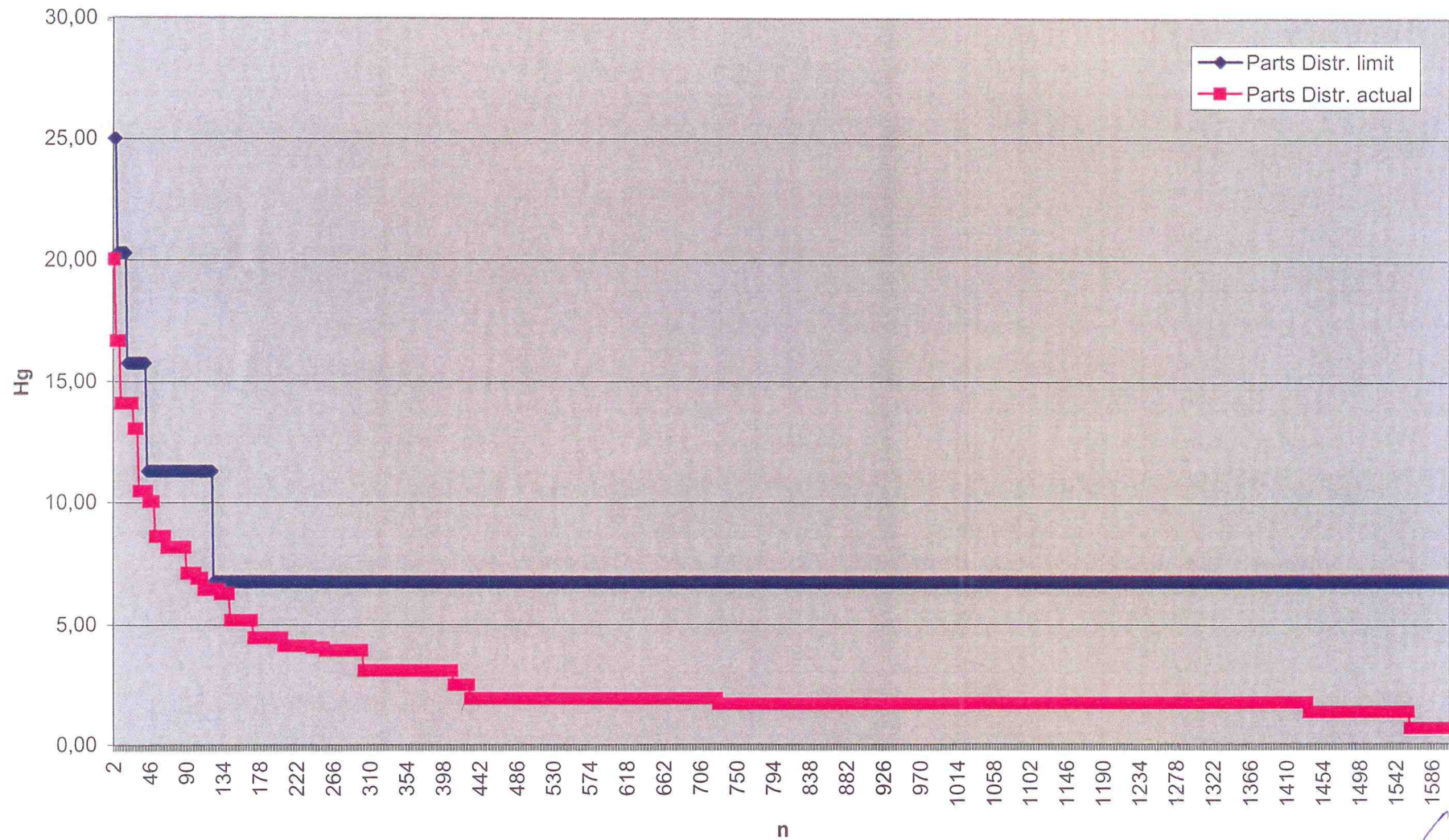
Parts Distribution EA DMS 2008 HDD Level C of MAXX E GUARD

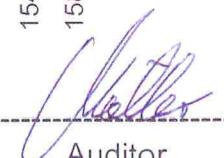




 Auditor
 October 19th, 2009

Parts Distribution EA DMS 2008 HDD Level D of MAXX E GUARD





 Auditor
 October 19th, 2009