ISO 13406-2 Guidelines for LCD Pixel Defects

LCD displays are made up of a set number of pixels and each pixel is made from 3 sub-pixels - one Red, one Blue and one Green. Every sub-pixel is addressed by its own transistor and so the manufacture of a glass substrate is very complex.

Due to the nature of the manufacturing process, occasional defects can occur. Pixel defects or failures cannot be fixed or repaired and can happen at any stage in the LCD's life.

To regulate the acceptability of defects and to protect the end user, **ISO have created a standard for manufacturers to follow. ISO 13406-2 recommends how many defaults are acceptable in a display before it should be replaced, within the terms & conditions of warranty.**

MAG conforms to and supports the ISO 13406-2 standard.

Pixel defaults for MAG LCD Monitors
The table below shows the minimum number of malfunctioning **sub-pixels** for the monitor to be deemed faulty.

15" LCD	3.4.5 (3 bright, 4 dark or 5 total anywhere on screen)
17" LCD	3.4.5 (3 bright, 4 dark or 5 total anywhere on screen)
19" LCD	3.4.5 (3 bright, 4 dark or 5 total anywhere on screen)
19" LCD Wide	3.4.5 (3 bright, 4 dark or 5 total anywhere on screen)
22" LCD Wide	3.4.5 (3 bright, 4 dark or 5 total anywhere on screen)