



Dear Customer,

all AOC LCD monitors are produced according to the ISO13406-2 standards.

Those standards have been drawn up from an ergonomic point of view.

Even though the highly sophisticated production process of the panels, the manufacturers can not guarantee a 100% fault free panel.

A 15" LCD panel incorporates over 2.2 million transistors. (grouped in 3 as pixels, or alone as sub-pixels)

The specification allows a maximum of only 7 to be defective, which is far less than 0.001%

Below, please find an excerpt of the ISO spec and an excel sheet explaining the impact on the AOC product.

### ISO Spec 13406-2

Our panel fits ISO13406-2 Spec in Class II

Class II is the common class for consumer equipment.

Class I is for military, hospital or other critical applications

Class II specifies allowable defects as follows :

Allowable missing pixels per Million pixels on display

Class	A Pixel always Lit	B Pixel never lit	C Sub-Pixel Always lit, never lit, or blinking	D Cluster of pixels within a 5*5 Dot radius	E Cluster of sub-pixels within a 5*5 Dot radius
I	0	0	0	0	0
<b>II</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>2</b>
III	5	15	50	0	5
IV	50	150	500	5	50

For our monitors this would mean :

	H Pixels	V Pixels	Total pixels	Category A	Category B	Category C	Category D	Category E
15"	1,024	768	786,432	2	2	4	0	2
17"	1,280	1,024	1,310,720	3	3	7	0	3
18"	1,280	1,024	1,310,720	3	3	7	0	3
19"	1,280	1,024	1,310,720	3	3	7	0	3

Best Regards

AOC International