

ISO/IEC JTC1/SC17/WG1 **N1314**

Title **10373-2 comments**

Source **USA, INCITS B10.6/2004-10**

Distribution **ISO/IEC JTC1/SC17/WG-1**

Date of submission **21 Jan 04**

Requested action **For consideration at the next meeting**

10373-2

This information is similar to that shown in N1282 and with the ballot comments. A different note is suggested for additional clarity.

Definitions

Some of the definitions have periods at the end and some do not. Since all of them are substitution phrases for the word(s) shown they should not have periods.

5.5.2.2 Test heads

In the third paragraph after "...ferromagnetic impurities." add the sentence *Wear resistant coatings shall not be used.* Change the note below to read:

Note- Discrepancies in signal amplitude results have been observed when wear resistant coatings have been used. It is admissible to use heads with wear resistant coatings for quality control purposes only, for example process control activities.

See Attachment A.

5.5.2.4 Reading sub-system

There are 2 periods at the end of the sentence "...conformance to ISO/IEC 7811-7.."

Amex patent

No expert attending the NCITS

B10.6 meeting on 21 Jan 04 were aware of this patent activity.

Attachment A

ISO/IEC JTC1/SC17/WG1 N13XX

ISO test heads standard	UA1	"Ui1 Max"	"UA2"	"Ui2 Min"	"UA3"	"UA4"	"Ui4"	"UA5"	"Ui5"	"UA6"	"Ui6"	Ui6/UA6
BLACK 2	1.037	1.073	0.970	0.862	0.950	0.005	0.060	0.893	0.822	0.949	0.040	0.042
SILVER 2	0.971	1.009	0.930	0.819	0.866	0.005	0.021	0.885	0.826	0.963	0.041	0.043
BLUE 2	1.019	1.049	0.969	0.698	0.907	0.003	0.044	0.917	0.716	0.977	0.042	0.043
RED 2	1.064	1.108	1.029	0.870	0.916	0.004	0.021	0.946	0.898	1.084	0.033	0.030
GREEN 2	1.029	1.067	0.978	0.893	0.942	0.003	0.018	0.968	0.910	1.007	0.045	0.045
GOLD PRINT 2	1.143	1.203	1.093	0.855	1.002	0.005	0.044	1.026	0.872	1.134	0.035	0.031
GOLD 2	1.123	1.159	1.088	0.926	0.971	0.003	0.019	0.994	0.947	1.134	0.034	0.030
BLUE PRINT 2	1.024	1.108	0.993	0.774	0.879	0.004	0.021	0.902	0.795	1.037	0.034	0.033
SILVER PRINT 2	1.083	1.123	1.029	0.923	0.981	0.003	0.021	0.997	0.934	1.056	0.032	0.030

ISO test heads modified with ceramic	UA1	"Ui1 Max"	"UA2"	"Ui2 Min"	"UA3"	"UA4"	"Ui4"	"UA5"	"Ui5"	"UA6"	"Ui6"	Ui6/UA6
BLACK 2	1.046	1.098	1.012	0.881	0.971	0.005	0.053	0.895	0.768	1.056	0.062	0.059
SILVER 2	1.022	1.083	1.004	0.857	0.917	0.005	0.024	0.909	0.853	1.077	0.064	0.059
BLUE 2	1.051	1.105	1.024	0.725	0.935	0.004	0.055	0.924	0.712	1.102	0.062	0.056
RED 2	1.099	1.167	1.085	0.876	0.943	0.004	0.025	0.931	0.864	1.180	0.061	0.052
GREEN 2	1.043	1.102	1.017	0.886	0.947	0.004	0.019	0.932	0.866	1.079	0.065	0.060
GOLD PRINT 2	1.152	1.237	1.129	0.827	1.004	0.005	0.045	0.989	0.820	1.217	0.074	0.061
GOLD 2	1.128	1.178	1.115	0.905	0.966	0.004	0.017	0.959	0.895	1.218	0.062	0.051
BLUE PRINT 2	1.024	1.122	1.014	0.763	0.872	0.004	0.026	0.873	0.761	1.114	0.061	0.055
SILVER PRINT 2	1.082	1.131	1.056	0.899	0.978	0.004	0.020	0.960	0.873	1.129	0.062	0.055

Variation (ceramic mod.) - (ISO standard)	UA1	"Ui1 Max"	"UA2"	"Ui2 Min"	"UA3"	"UA4"	"Ui4"	"UA5"	"Ui5"	"UA6"	"Ui6"	Ui6/UA6
BLACK 2	0.009	0.025	0.042	0.019	0.021		-0.007	0.002	-0.054			0.017
SILVER 2	0.051	0.074	0.074	0.038	0.051		0.003	0.024	0.027			0.017
BLUE 2	0.032	0.056	0.055	0.027	0.028		0.011	0.007	-0.004			0.013
RED 2	0.035	0.059	0.056	0.006	0.027		0.004	-0.015	-0.034			0.021
GREEN 2	0.014	0.035	0.039	-0.007	0.005		0.001	-0.036	-0.044			0.016
GOLD PRINT 2	0.009	0.034	0.036	-0.028	0.002		0.001	-0.037	-0.052			0.030
GOLD 2	0.005	0.019	0.027	-0.021	-0.005		-0.002	-0.035	-0.052			0.021
BLUE PRINT 2	0.000	0.014	0.021	-0.011	-0.007		0.005	-0.029	-0.034			0.022
SILVER PRINT 2	-0.001	0.008	0.027	-0.024	-0.003		-0.001	-0.037	-0.061			0.025