

Press Release



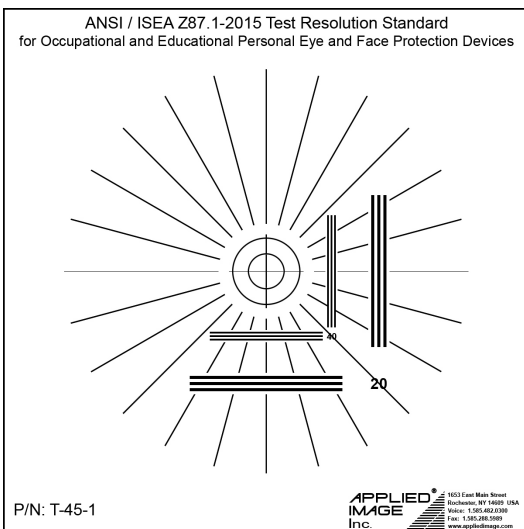
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FOR IMMEDIATE RELEASE

Monday, October 26, 2015

APPLIED IMAGE Announcing the NEW T-45 ANSI/ISEA Z87.1-2015 Resolution Test Standard

Rochester NY APPLIED IMAGE Inc. is proud to announce its newest chart, the [T-45 ANSI/ISEA Z87.1.2015 Test Resolution Standard](#). It's based on the latest ANSI/ISEA Z87.1.2015 Standard, American National Standard for Occupational and Educational Personal Eye and Face Protection Devices that was approved by the American National Standard Institute, Inc. on May 28, 2015.



The T-45 chart consists of 24 Sunburst Lines; 2 inner circles with continuous centered crosshair lines; and 1 set of vertical and horizontal 20 and 40 cycle per millimeter Ronchi gratings. The new chart is easier to use and vastly improved over the previously recommended T-40 chart, NBS Resolution Test Chart - 1952. With the addition of the Sunburst Lines for focusing and the astigmatism testing, it still retains the Ronchi gratings for resolution testing.

The methodology for using the T-45 chart is described within the ANSI/ISEA Standard in Section 9.4, "Refractive Power, Astigmatism and Resolution Power Tests"; is illustrated in Annex E., Figure E5 "Test Resolution Pattern with Radial Sunburst Power Target Superimposed"; and Annex G. "Illustration to Aid in Refractive Power, Astigmatism and Resolving Power Testing". In addition, OSHA incorporates the ANSI/ISEA Z87.1 into its regulations covering personal protection equipment. The Standard can be purchased from the webstore on the ANSI.ORG website.

Glenn Jackling, President of APPLIED IMAGE said, "Like the recent announcement for our new Bar Code Test Card the ISO 15426-1 Primary Reference Test Card for UPC-EAN Bar Code Symbol Verifiers, the addition of the T-45 ANSI/ISEA Standard shows APPLIED's commitment to provide the latest imaged quality testing and analysis standards for various societies, companies, educational, military and government institutions on hi-resolution materials. APPLIED can further assist those who need specific custom standards with our unique and precision high quality manufacturing capabilities. From design to finished component, APPLIED will work closely with you in every step to insure your expectations are met within budget and on time."

To view these products click on each link below:

- [T-45 ANSI/ISEA Z87.1.2015 Test Resolution Standard](#)
- [ISO 15426-1 Primary Reference Test Card for UPC-EAN Bar Code Symbol Verifiers](#)

or the [new APPLIED IMAGE website](#).

About Applied Image, Inc.

Established in 1978, APPLIED IMAGE Inc. started as a manufacturer of high quality Precision IMAGED components, calibration standards, linear scales and test targets. Since then, APPLIED has expanded their manufacturing capabilities to include image analysis standards, sinusoidal array patterns, UPC-EAN barcode standards, ISO, IEEE, AIM, ANSI, ISEA and other society standards. The culminating selection of targets has become the basis for the APPLIED IMAGE “off-the-shelf” product lines, which can be found and purchased on the APPLIED IMAGE website www.appliedimage.com. APPLIED is also renowned for their custom manufacturing and innovation capabilities, which includes Custom Ball (spherical) Optical Lenses, Photo Mask and Component Sub-Assembly Services. With their knowledgeable engineering and manufacturing staff, they have provided imaged components for a wide variety of industries and applications around the world. From micro-robotic components to calibration standards for the Mars Rover and the International Space Station, APPLIED does it all, truly making APPLIED IMAGE “A One Stop Shop Where IMAGE Concepts Become Reality”.

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