

2D Barcode Verification To Defence Standard Mil-Std 130

Teklagraf can offer Compliance Result Reports for 2D Barcode information on the Unique Item Identifier (UID) construction for Mil-STD-130.

The variable data for 2D Barcode String Codes (e.g. 6 & 12) can be scanned and the report printed for every barcode. The report will indicate that the system semantic encompassing code 6 or 12 and variable product data has been interpreted correctly by showing the raw data that was read as well as indicating that the printed mark quality on the barcode is also acceptable.

As a be-spoke supplier of placards and labels to the Aerospace and Defence Industries, Teklagraf can produce variable data information onto Mil Spec, Defence and Aerospace approved materials for long term identification requirements.


As Teklagraf continually invest in the latest production equipment we are able to supply small quantity Barcode Labels & Placards, with Serial and Batch numbers, quickly and efficiently to meet customers production schedules.

Please contact our sales team for more information on 01934 512244.


CONTACT US

TEKLAGRAF Ltd
Unit 4, Kiln Park
Searle Crescent
Weston-Super-Mare
BS23 3XP

TEL No: 01934 512244
FAX No: 01934 621600
E-mail : sales@teklagraf.co.uk



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Microscan UID Compliance Results

PASS
Syntax/Semantics: PASS - UII
Mark Quality: PASS
Result Sequence Number: 0000003F
November 21 2014 12:39:41

Data Validation
UII Construct: CONSTRUCT_2
Data Qualifier: ISO_TEI
Data Element 1: MFR K7776
Data Element 2: PNO 512-365-240-101
Data Element 3: SEQ 568689

UII: DK7776512-365-240-101568689
Raw Data: [D]>[RS]>12<GS>MFR K7776<GS>PNO 512-365-240-101<GS>SEQ 568689<RS><EOT>

Mark Quality Verification - MIL-STD-130M Change 1 (AIM DPM-1-2006 for DPM)
Overall Grade: 4 (A) DPM4.0/07/640/90
Cell Contrast Grade: 4 (A) Value = 94%
Axial Non-Uniformity Grade: 4 (A) Value = 0.00
Grid Non-Uniformity Grade: 4 (A) Value = 0.00
Unused Error Correction Grade: 4 (A) Value = 1.00
Fixed Pattern Damage Grade: 4 (A)
Cell Modulation Grade: 4 (A)
Reference Decode Grade: 4 (A)
Min Reflectance Grade: 4 (A) Value = 100%
Cell Size: 4 (A) Value = 0.0083 INCHES
Print Growth: X / Y = -43% / -28%
Size: Height / Width = 0.21528 / 0.21528 INCHES
Angle: 0 Degrees
ECC Level: ECC 200
Calibration: Selected Light: 90 Calibrated Since Restart - Last: October 07 2014 11:12:29

Exposure=3250 Gain=267	Aperture=7	Wavelength=640
Cal. Target Contrast=79%	Calibrated Since Startup=TRUE	Pixels/Inch=641
Min/Max Raw Contrast Values=0/253	Reader Name=uid03983	SW / FW= v2.3.1.9 / 2.4.1.9
Cal. Exposure=7476 Cal. Gain=267	Cal. Black Offset=0x0110	Secure Camera=FALSE
Mean Light/Cal. Mean Light=206/198	Min/Max X Dimension Limits=1.1/99.0	Cal. Target Reflectance=85%
Aperture Percentage=80		

Standards:

MIL-STD-130L - 1/1/2004	MIL-STD-130L (Change 1) - 12/20/2004	MIL-STD-130M - 12/2/2005
MIL-STD-130M (Change 1) - 6/15/2007	Guide to Uniquely identifying items v1.6	DFARS 252.211-7003 - 6/2005
ISO/IEC 16022:2006	ISO/IEC 15415:2004	ISO/IEC 15418:1999
ISO/IEC 15434:2006	AIM DPM-1-2006	ANSI MH10.8.2 - 2006
ATA SPEC 2000 Chapter 9	ATA CSDD	SAE AS9132A - 2/16/2005
MIL-STD-130N - 12/17/2007		

Contact Information:
www.MICROSCAN.com www.UIDSupport.com Email:UIDInfo@UIDSupport.com Phone: 1-800-251-7711

Microscan UID Compliance Results 21/11/2014

