



CTI  
Netzwerkssysteme GmbH  
Kristallstr. 7  
84032 Altdorf

7<sup>th</sup> .February 2005

IDEAL INDUSTRIES GmbH  
z. Hd. Herrn Hüdepohl  
Gutenbergstraße 10

D – 85737 Ismaning

**Approval of LANTEK 6 and LANTEK 7G cable testers for certification of the cti-wire cabling systems**

Dear Mr. Hüdepohl,

We are pleased to confirm that the IDEAL INDUSTRIES LANTEK 6 and LANTEK 7G cable testers are approved for Class E/F certification measurements on cti-wire cabling systems, according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA-568-B-2-1 standards.

Matching comparison measurements between our laboratory network analyzers and the LANTEK 6 and LANTEK 7G are the basis for this approval.

LANTEK 6 and LANTEK 7G must be operated with Firmware version 2.10 or higher when performing certification measurements.

Permanent Link and Channel Link measurements with LANTEK 6 and LANTEK 7G must be carried out using the following adapters:

For ISO-Class E measurements: (LANTEK 6 and LANTEK 7G)  
Category 6 Universal Link Adapter (PN 0012-00-0629)  
Standard patch cables, PN 6011-50-0029 or custom CAT 6 patch cables

For ISO-Class F measurements on TERA systems: (LANTEK 7G only)  
Category 7 TERA Universal Link Adapter (PN 0012-00-0628)  
For Class F measurements up to 1000MHz: precision test cables, PN 6011-00-1010  
or test cables supplied by CTI Netzwerkssysteme GmbH

The approval is valid for the following cti-wire cabling systems:

1. Standard
2. Variokeystone
3. cti-CFS

Yours Sincerely,

Ernst Klees