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Item 0.4

Presentation of Working Group Photometry

65th GRE session
Wednesday, 30 March 2011

GTB

*The International Automotive Lighting
and Light Signalling Expert Group*

Groupe de Travail "Bruxelles 1952"

WGP

Working Group Photometry



Members present at the second Meeting 2010 in Tokyo

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History:

The Working Group Photometry was founded at the beginning of the seventies on the request of GTB.

The reason to establish this group was to solve some differences which were arising at that time concerning the interpretation of the Regulations between different Test Houses.

At the foundation the group was a Task Force under the “umbrella” of CIE but, over the years, this disappeared and the group was regarded for a longer time as a GTB Working Group.



Working Group Photometry

Today:

The Working Group Photometry is an independent Group of accredited Test Houses on the basis of ISO/IEC 17025. This Standard required the Test Houses to exchange information with each others for discussing the use of the relevant Standards and Regulations.

Round Robin Tests: under these conditions the Working Group Photometry is part of the Quality Safety System of each Test House.

While maintaining an independent status, the WGP is an important part of the GTB structure. It cooperates with GTB and reports its results to GTB. For this reason a number of GTB proposals are originated by WGP, as a result of its work.

Work of the WGP:

The main target of this group is still discussing the interpretations and finding common views for handling the test procedures in the Regulations.

WGP addresses items where the Regulations seem to be unclear;

Questions raised by the customers (e.g. with regards to new technologies);

Questions of eventually identified “errors” in the Regulation;

And much more...

Organization of the Work:

WGP has normally two meetings per year but its members in between also exchange questions, interpretations, etc. by e-mail;

WGP has three-day meetings, where the first and the last days are related to internal discussions (Test House Members only).

The whole day in between is open to all GTB members.

The questions come from: Test Houses, customers, GTB, GRE

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Working Group Photometry

Membership:

Test Houses working with UNECE Regulations annexed to the 1958 Agreement.

The members coming from:

Austria, France, Germany, Italy, Japan, Poland,
Slovenia, Spain, Sweden, United Kingdom

(some of these members are only mailing list participants)

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Examples of typical work items on the Agenda:

- LED Modules and Headlamps;
- Colour on cut-off;
- Requirements after ECE R98, R112, R123 heat tests;
- Colour wash out / “Phantom effects”;
- ECE-R 65 approval of a “half” bar or partial system;
- R27 , proposal for an update;
- Objective luminous flux – how to measure LED modules;
- Test procedures on plastic materials;
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**WGP is also in cooperation with
Division 2 of CIE,
working on a draft for a CIE Publication for
Photometry Guidelines**

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Thank you for your attention

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