

poster 2010

lighting

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*Vision is the most important of all human senses. Over 80% of information registered by the brain comes from our vision. According to a Chinese adage “A picture is worth a thousand words”. Many factors affect our vision of the world, including both those coming from the human organism, i.e. capabilities of the human visual system, but also those coming from the environment. One of these factors is **LIGHTING**, i.e. the use of light to illuminate places, objects their surroundings. Lighting is a physical factor of the working environment that is present at every workstation. Improper lighting may be a strenuous factor but it may also determine the occurrence of an accident hazard.*

The aim of lighting is to provide an environment in which people, through the sense of vision, can function effectively, efficiently and comfortably. Light and colour have a considerable influence not only on the vision but also on our mood and the well being. Lighting should be adapted to the type and difficulty of the visual tasks. Visually difficult tasks are characterized by a very small size and dark colour of task targets and low task contrast. Insufficient lighting results in poor visibility, deterioration of the general feeling and work efficiency. Too bright lightning may results in glare, either direct from bright parts of lighting fittings or reflected due to the reflection of light on shiny surfaces. Both insufficient lighting and glare can be the indirect cause of an accident.

Statistics have shown a still high number of poorly lighted workstations, which can potentially induce the hazard of accident for the workers. Improper lighting (poor visibility) as an indirect cause of accidents has still been neglected. Also, the “colour appearance” of light, determined by the colour temperature and the colour rendering index has been underestimated. The colour appearance is a subjective evaluation. The higher the colour temperature, the greater part of blue light in a spectrum of emitted light and the “colder” is the appearance of the light perceived by humans. The appearance of an object colours may change when illuminated by different sources of light. The light rendering index is the parameter that determines the properties of colour rendition by the objects illuminated with a given source of light. The greater the requirements concerning proper colour rendering (e.g. in the printing industry in ateliers, in treatment rooms), the closer the index should be to the value of 100, i.e. perceived colours of illuminated objects will not be distorted. It is possible to meet the requirements related to proper workstations lighting by the application of different technical solutions depending on: room dimensions, type of work performed characteristics of the users of lighting (i.e. younger and older persons).

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Patronage

*Minister of Labour and Social Policy
Chief Labour Inspector*

Organisers

*Central Institute for Labour Protection – National Research Institute in Warszawa
Faculty of Industrial Design, Academy of Fine Arts in Kraków
Faculty of Industrial Design, Academy of Fine Arts in Łódź
Faculty of Industrial Design, Academy of Fine Arts in Warszawa*

Subject

Lighting

Purpose

To obtain original designs of posters promoting occupational safety and health protection of man in the working environment in a modern way.

Participants

Artists – members of artists' unions, graduates and students of academies of fine arts – in Poland and abroad.

Detailed information

*Size: B2, i.e., 50 x 70 cm, **vertical arrangement***

Designs should be mounted on a stiff backing. There must be a six-digit code in the right-hand upper corner at the back of the poster. The same code must be on the envelope (put at the back of the poster) with the following data inside: full name(s) of the author(s), full address, phone number, e-mail, the name of the school of which the author is a graduate or a student, a statement that the submitted design is an original work of the author(s), and consent for the name(s) of the author(s) to be announced at the post-competition exhibition and in the exhibition catalogue. Please, attach an electronic version of the poster (if available) on CD-ROM. There is no restriction on the number of entries.

Deadline

Designs should be sent or delivered in person by June 25, 2010

Address

*Central Institute for Labour Protection – National Research Institute,
Czerniakowska 16, 00-701 Warszawa, Poland.*

Exhibition

There will be a post-competition exhibition and a catalogue will be published composed with 50 best works.

Jury

*Prof. Joanna BARTOSZEWSKA – Academy of Fine Arts in Łódź
Prof. Tomasz BOGUSŁAWSKI – Academy of Fine Arts in Gdańsk
Zygmunt GAWLIŃSKI – LOT Catering Ltd.
Prof. Adam GEDLICZKA – Academy of Fine Arts in Kraków
Katarzyna KITAJEWSKA – Chief Sanitary Inspectorate
Prof. Danuta KORADECKA, Ph.D., D.Med.Sc. – Central Institute for Labour Protection
– National Research Institute
Magdalena KLIMCZAK-NOWACKA – Ministry of Labour and Social Policy
Krzysztof KOWALIK – National Labour Inspectorate
Iwona PAWLACZYK, M.Sc. (Eng.) – “Solidarity” Trade Union
Mieczysław PIRÓG – Academy of Fine Arts in Wrocław
Prof. Władysław PLUTA – Academy of Fine Arts in Kraków
Prof. Marek STAŃCZYK – Academy of Fine Arts in Warszawa
Wiesława TARANOWSKA – All-Poland Trade Union Alliance
Agnieszka WOLSKA – Central Institute for Labour Protection
– National Research Institute*

Prizes

*1st prize of PLN 5,000
2nd prize of PLN 3,000
3rd prize of PLN 2,000
and 5 honourable mentions of PLN 1,000.
The jury reserves the right to distribute the prize money in another manner.
There will be royalties of PLN 1,500 for posters selected for printing.
Posters awarded prizes, honourable mentions or others qualified to exhibition
become property of the Central Institute for Labour Protection. Prizes will be
presented at the opening of the post-competition exhibition in October 2010.
The organisers reserve the right to use submitted designs to promote the
competition and the exhibition with no extra royalties. Entering the competition
signifies acceptance of its conditions.*

Collecting posters

*Authors of designs with no prizes or mentions and not qualified to exhibition
can collect their posters between 15 November and 3 December, 2010.
Organizers are not responsible for designs not collected on time.*

Enquiries

*For more information please contact the curator of the competition, Marta Derlicka,
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