

Kelm, Martin
New tasks for the design sphere of the German Board for Metrology and Goods Testing

Referring to the legal foundations for the German Board for Metrology and Goods Testing tasks are derived that are pronounced determined by intensified integration of design into product prognosis and product development. Starting point with this is the future evolution of design resulting from the aims and ends of socialistic way of life.

Following, the role of the design sphere with developing and carrying through standards of quality based upon scientific criteria is described. In this coherency the author points to the responsibility of producer and training institutions, partners with the solving all these tasks.

Staufenbiel, Fred
Things' value of use for the socialistic way of life

Reply is given the reader to the following questions:

- what importance have regulations of the relations within the system of production, way of life, and environmental design for product design?
- of what value is the bourgeois theory of culture for the designer working under capitalistic conditions?
- how sociology of culture in GDR does justice to social conditions?
- how are standards of socialistic design changing in consequence of their possibility to be planned?

Siegel, Werner and Frieder Simon
Design in the system of management in industry

In industry practised models of design organization are presented and evaluated. In addition to this a new model is explained and problems as well as methods of the different working spheres of design and steps of decision are treated. The mentioned model is to enable an effective integration of design especially in research and development.

Biermann, Wolfgang
Conditions for future top-dogs

Starting from the trend of machine tool construction the demands upon design of working environment are demonstrated from the viewpoint of a managing director. The designer has to take into account these demands collaborating with other disciplines (e. g. working design). Higher intellectual stress for the operator as result of advanced technology in general on the one hand and the particular tendencies of the trend of machine tool construction in the German Democratic Republic on the other side are starting points of the consideration. The new colour design according to the standard TGL 28-180 is mentioned as the first result to be evaluated.

Miersch, Werner
Design of symbols for the lathe DF-200

A particular problem with the lathe DF-200 was the projection of the control area which consists of three divisions, i.e. preliminary election, control of the machine, device of charging. The necessary elements were arranged on a field subdivided by equal areas. Keys are bearing symbols for control that had been elected from standards, combined together, and partly new designed. Problems of design and application of such symbols are treated under several viewpoints.

Prühl, Reinhold
Rotation machine for raised type printing

With the construction of this printing machine advanced standards for function and design were established. Given is a detailed description of demands as to technology and design to be taken into consideration. The machine consists of diverse functional groups which coupled one with another build up the whole arrangement. A system of coordinated elements makes versatile additional building and combinations possible. By means of design a principle of arrangement has been created that allows recognizing the character of this machine and that is of utmost importance for control of the working process.

Design programme for "Karl-Marx-Stadt"

Elements of micro-architecture for the public sphere which originated from the building up the town's centre are represented. This programme is characterized by the clear endeavour to design things as parts of a complex.

The communal commissioner, a member of the design team as well as some designers themselves report upon their special work (the latter particularly upon problem solving). The presentation comprehends the following objects: Concrete elements for open air areas, systems for children's playing grounds, seats and benches in the open air, elements for platforms, supports for propaganda, advertising and publicity, park lamps, litter bins, information units.

Walk, Lothar
Model "ROSTOCK"—a system of coordinated elements

Presentation of a uniform programme for furniture in regard to the functions of dwelling, sleeping and working. This system allows to produce many different products on the basis of only a few elements and, concerning the consumer, to combine the furniture elements universally. Doing so a room may be utilized most rationally. The principle of combination and adding elements is not only applied to receptacle furniture but could also be extended to chairs, sofas, and areas for laying aside things, by means of a modul depending on anthropometrical data.