

KES

The Specification for the Display Lamp and Signal Lamp on Equipment

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1. Scope of application

This shall be applied to the specification of the display lamp indicating the operation state of production equipment (Machinery), establishing signal lamp, and alarm.

2. Purpose

The general rules of specification about the display lamp and the signal lamp of equipment shall improve the working rate of equipment with the early stage discovery of trouble, the speedy measures for trouble, security of operator's safety, and etc. by indicating the operation state of production equipment (Machinery).

3. Color of display lamp

The color of display lamp for machinery shall follow the standard of table 1. Or the detail color specification of machinery by function (or operation) shall follow the display lamp directions by color for machine tool, equipment of the appending table.

Table 1

Color	Indication	Applying example
Red	- The abnormal state being needed the speedy measures of operator - (The abnormal state being needed the whole stop and automatic stopping of cycle)	(1) The order for stop instantly the machine caused by troubles such as overload and failure (Indication of emergency stop) (2) The stop of machine by the protective equipment such as over run of unit table (Indication of running protective equipment) (3) The trouble such as the product end (work), the detection of a different kind of product, cycle time over, and etc. (Indication of running the safety equipment and troubles)
	The moving state of high pressure machine	Indication of driving the high pressure motor

Color	Indication	Applying example
Yellow or yellow red	Attention of warning (The state of being not needed the automatic stop of cycle)	(1) The indication of the case that the current and temperature is close to danger limit (2) The indication of running automatic cycle (3) The running alarm of carrier device
Green	The preparation state of machinery (The atmosphere state of normal driving)	The origin position, running the hydraulic pump, confirmation of position, the existence and nonexistence of work, the preparation state for the normality of air pressure
	(특인) Indication of the lighting on the state of starting drive for automatic cycle and running automatic cycle	Emphasis the awakening the red and yellow after the control them on the machine tool
White	Normal state	(1) The indication of injecting the main switch and controlling power (power input) (2) The indication of running the assistant equipment that have no direct relation with the acting cycle (3) The indication of Selecting the rotation direction of speed
Blue	The other indication that haven't specified at the color above	(1) Indication of case selecting the manual between manual and automatic of the select switch (2) The indication of unit forward position

- Remark 1.** The indication of special use shall follow by discussing between the persons concerned.
2. The special confirm items shall be noted to setup as special subject by the parts.
3. This specification shall be applied to the case of using the switch with