

**ISTRUZIONE SGQ****Euromakeup S.r.l.****Titolo: Color control****Cod. Doc.: ICP 007\_1****Rev. 1****Pag. 1 di 3****Data: 12/06/2018****1. Purpose**

Verify that the controlled batch according to ISO 2859 (ex MIL STD 105 E), complies with the required requisites.

**2. References**

- Procedure CQA 01, GQA 04
- Technical specification with the customer's hard work approval
- Single sampling, special testing level S-3

**3. Mode****3.1. Field of application**

All articles decorated with the following technologies:

- Serigrafy;
- Painting;
- Hot stamping H/S;
- Metallization;
- Other surface treatment technologies for decorative purposes.

**3.2. Equipment**

- Plaque
- Pantone
- Color Range Board.
- Digital colorimeter

Redatto da: CQ  
S. Gulli

Verificato da:

Approvato da: GQ  
P. Foiani

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### **3.3. Control method**

After the batch picking, according to ISO 2859, the pieces / products are taken and compared according to given reference:

- Plaque
- Pantone
- Color Range Board.

Unless otherwise indications, the maximum deviation allowed by the reference colour required is +/- 1 pantone.

In case of specific request by the customer, production will be performed starting from pantone colour required with a maximum deviation in the CIELAB space of 8 points.

Samples representative of this maximum deviation will be used for an approval colour range board.

### **3.4. Risultato finale**

#### **3.4.1. Interpretazione dei risultati**

##### **Interpretation of results**

If the checks carried out show that:

- Colour falls within the colour range board: the batch is accepted;
- The colour is higher and / or coverage is lower than the colour range board: the batch is accepted with reserve;
- The colour is lower / the coverage is higher than specifications: the batch is rejected.

With the use of colorimeter:

- A deviation in CIELAB space beyond 15 points than the plate / pantone: the batch is accepted.
- A deviation in CIELAB space beyond 15 points than the plate / pantone.: the batch is rejected

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### **3.4.2. Test report**

At the end of the checks, the “finished product control card” is filled out, which shows the results of comparison.

The finished product control card is used c/o Euromakeup for incoming checks while for suppliers are given and recommended for use, considering that the supplier has the bound to fill in and issue a declaration of conformity.

Based on what we will get the batch will be “approved” or rejected”