

SOCIALIST REPUBLIC OF VIETNAM

**QCVN: 2020 / BCT**

**NATIONAL TECHNICAL REGULATIONS  
ON LIMITATION OF PAINTING QUALITY**

*National technical regulation  
on the limits of total lead in paints*

HANOI - 2020

**Preface**

QCVN .....: 2020 / BCT by the Drafting Team of National Technical Regulations on Gender lead content limit in paint compiled, approved by Chemical Department; Ministry of Science and Appraisal technology; The Ministry of Industry and Trade promulgates together with the Circular No: ..... / 2020 / TT-BCT, date ..... month ..... year 2020.

**NATIONAL TECHNICAL REGULATION ON LIMITATIONS  
QUANTITY IN THE PAINT**

*National technical regulation on the limits of total lead in paints*

## 1. General provisions

### 1.1. Scope

This Regulation specifies the technical requirements, test methods and regulatory regulations for lead content in paint products.

### 1.2. Subjects of application

This technical regulation applies to real organizations and individuals exporting, importing and trading in paint products before they are put on the market Viet Nam, state regulators and other private organizations related.

### 1.3. Interpretation of terms

In this Regulation, the terms below are construed as follows:

1.3.1. *Paint* is a material in the form of a liquid, a paste or a powder after one coat is applied thin on the surface of the material turns into a solid film adhering to the surface that side, capable of protecting, decorating and having its own characteristics as required.

1.3.2 Common lead compounds include Lead monoxide, Lead octanoate, Lead chromate, Lead 2-ethylhexanoate, Lead sulfate, Lead oxide, Lead molybdate, Lead nitrate, lead sulfo-chromate yellow, lead naphthenate, lead chromate red molybdate sulfate, lead peroxide, lead carbonate (white lead), chromate oxide lead and Tri lead - bis (carbonate) - dihydroxide 1.

### 1.4. Citation documents

1.4.1. Decree No. 107/2016 / ND-CP dated July 1, 2016 of The Government regulates conditions for provision of conformity assessment services.

1.4.2. Decree No. 154/2018 / ND-CP dated November 9, 2018 of the Government amending, supplementing and annulling a number of provisions on top conditions business in the field of state management of the Ministry of Science and Public technology and some specialized examination regulations.

1.4.3. Decree No. 43/2017 / ND-CP dated April 14, 2017 of Government on labels.

1.4.4. Circular No. 28/2012 / TT-BKHHCN dated December 12, 2012 of the Minister of Science and Technology on the publication regulations standard conformity, regulation conformity announcement and conformity assessment method technical standards and regulations.

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1.4.5. Circular No. 02/2017 / TT-BKHHCN dated March 31, 2017 of the Minister of Science and Technology amending and supplementing a number of articles Circular No. 28/2012 / TT-BKHHCN dated December 12, 2012 of the Ministry Science and technology.

1.4.6. Circular No. 27/2012 / TT-BKHHCN dated December 12, 2012 Minister of Science and Technology regulations of the home inspection Imported goods quality falls under the management responsibility of Science and technology.

1.4.7. Circular No. 07/2017 / TT-BKHHCN dated June 16, 2017 of the Minister of Science and Technology amending and supplementing a number of articles Circular No. 27/2012 / TT-BKHHCN dated December 12, 2012 of the Ministry Minister of Science and Technology regulates the state inspection quality of imported goods is under the management responsibility of the Ministry of Science Learning and Technology.

1.4.8. Circular No. 27/2007 / TT-BKHHCN dated October 31, 2007  
The Minister of Science and Technology guides the signing and implementation existing Agreements and Agreements mutually recognizing evaluation results suitability.

1.4.9. Circular No. 36/2019 / TT-BCT dated November 29, 2019  
of the Minister of Industry and Trade regulating product quality,  
goods are under the management responsibility of the Ministry of Industry and Trade.

1.4.10. CPSC-CH-E1003-09-01, Standard operating Procedure for  
Determining Lead (Pb) in Paint and Other Similar Surface Coatings,  
February 25, 2011 (Standard Practice for Lead Determination (Pb) Yes  
in paints and other similar surface coatings, February 25, 2011).

1.4.11. TCVN 2090: 2015 (ISO 15528: 2013) on Paints, varnishes and  
materials for paints and varnishes - Sampling

## 2. Technical regulations

The permissible limit of lead content in paint must meet the requirements  
Technical requirements specified in Table 1.

**Table 1 - Limits of lead content in paint**

No	Maximum limit of total lead content (ppm)	Test method	Application roadmap
first	≤ 600	As prescribed at Section 3	Circular time This is in effect
2	≤ 90	As prescribed at Section 3	Within 3 years from the date of this circular effective

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## 3. Test method

3.1. Sampling methods comply with TCVN 2090: 2015

3.2. The lead content in paint is determined according to CPSC-CH-E1003-09-01, *Standard operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011* (Real Process Standard for the determination of lead (Pb) in paints and similar surface coatings other, February 25, 2011)

## 4. Regulations on management

4.1. Products and goods before being sold on the market  
Vietnamese schools must be announced in accordance with the provisions of the law  
This regulation, affixes the conformity mark (CR m  
Circular No. [28/2012 / TT-BKHHCN](#) and Circular No.  
labeling is in accordance with Decree No. 43/2017 .

4.2. The assessment method for regulation conformity announcement is the locality  
Mode 1 is regulated in Circular [28/2012 / TT-BKHHCN](#) and Circular  
No. [02/2017 / TT-BKHHCN](#) .

## 5. Responsibilities of organizations and individuals

5.1. Enterprises producing and trading in paint products must be assured  
meet requirements specified in Section 2, comply with provisions in Section 4 of the Regulations  
this standard.

5.2. After being certified, the company produces fluorescent lamps to receive regulation conformity, must register the regulation conformity announcement at the Department of Industry and Trade where the enterprise has registered its production in accordance with Clause 2, Article 12 of Circular No. 36/2019 / TT-BCT.

5.3. Enterprises importing fluorescent lamps after being certified to receive regulation conformity must register for quality inspection at the inspection agency Regulations in Circular No. 27/2012 / TT-BKHCN and Circular No. 07/2017 / TT-BKHCN.

5.5. Businesses have a responsibility to provide evidence compliance of products with this Regulation when required or when possible check according to regulations for goods circulating on the market.

## **6. Organization of implementation**

6.1. The Chemical Department presides over and coordinates with relevant agencies and units guide, inspect, examine and supervise the implementation of the Regulation this is in the whole country.

6.2. The General Department of Market Management organizes and directs the Marketing Department inspected, controlled and controlled by schools of centrally-affiliated cities and provinces to handle breaches of the above regulations on product and goods quality market in accordance with this Regulation.

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6.3. Departments of Industry and Trade of centrally-affiliated cities and provinces guide and inspect the implementation of this Regulation in businesses in the area of management; to receive and register periodical and regulation conformity announcements quarterly make a list of organizations and individuals that have registered for conformity announcement regulations, send them to the Ministry of Industry and Trade (the Chemical Department) and the Department of Science and Industry technology according to the provisions of Clauses 2 and 3, Article 14 of Decree No. 127/2007 / ND-CP.

6.4. Organizations and individuals in the course of implementing this Regulation, if Detecting inappropriate things should be reported to the Ministry of Industry Loves to review, research, adjust.

6.5. In the case of legal documents, documents, The standards cited in this Regulation are modified and supplemented or replace, comply with the provisions of the new document./

