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# NATIONAL STANDARD OF THE

# PEOPLE'S REPUBLIC OF CHINA

# GB/T 50115-2019

## Standard for design of industrrial television system

工业电视系统工程设计标准

**(English Translation)**

**Issued on: August 12, 2019**

**Issued by: State Administration for Market Regulation;**
**Standardization Administration of the PRC**

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## 1 Foreword

GB/T 50115-2019 was issued by State Administration for Market Regulation; Standardization Administration of the PRC on 12 August 2019.

According to the requirements of JIANBIAOHAN [2015] No. 274 issued by the Ministry of Housing and Urban-Rural Development of the People's Republic of China - Notice on printing and distributing the development and revision plan on engineering construction standards and codes in 2016, this standard is prepared by MCC Capital Engineering & Research Incorporation Limited jointly with organizations concerned.

During the process of developing this standard, the drafting group, through extensive investigation and careful summarization of engineering design & practical experience, reviewed and finalized this standard, on the basis of extensive consultation.

The main technical contents of this standard are: general provisions, terms and abbreviations, basic requirements, system design, equipment selection, equipment layout, transmission and cable/conduit laying, monitoring room, power supply, earthing and lightning protection.

Main technical contents revised in this standard are as follows: 1. Clause 3 "Basic requirements" is added. 2. Design requirements for some items (such as the video signal access way, degree of protection of the enclosure of camera equipment, switch selection and transmission performance of IP wired network) are added. 3. Based on GB 50115-2009 Code for design of industrial television system, the design requirements for the picture quality of digital video industrial television system, the selection of auxiliary lighting lamps under different environmental conditions, the function of monitoring room, the arrangement of power controller & regulated power supply are improved and supplemented.

## 2 Scope Preview

GB/T 50115-2019 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 75,626 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.



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## 3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of the PRC

English translation: about 15 pages (approximate)

## 4 Classification and status

Prefix GB/T: recommended standard.



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