



**中华人民共和国国家标准**  
NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 19582.2-2008

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**Modbus industrial automation network specification-  
Part 2:Modbus protocol implementation guide over  
serial link**

Issued Date:

Implemented Date:

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Issued by:


The General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China , The Standardization Administration of the People's Republic of China

## Foreword

The English version hereof has been translated directly from the openly-published Chinese standard 'GB/T 19582.2-2008 Modbus industrial automation network specification-Part 2:Modbus protocol implementation guide over serial link'.

In the event of any discrepancy in the process of implementation, the Chinese version 'GB/T 19582.2-2008 Modbus industrial automation network specification-Part 2:Modbus protocol implementation guide over serial link' standard shall prevail.

This is a preview version of GB/T 19582.2-2008 standard ;  
The GB/T 19582.2-2008 standard official version needs to be  
purchased .




**国国家标准**

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### What is GB/T 19582.2-2008 standard?

GB/T 19582.2-2008 standard is the China national standard for "Modbus industrial automation network specification-Part 2:Modbus protocol implementation guide over serial link" ; GB standard also called as Guo Biao Standards, China GB standards are classified as two stages, Mandatory or Recommended. Mandatory standards have the force of law as do other technical regulations in China. They are enforced by laws and administrative regulations and concern the protection of human health, personal property and safety. All standards that fall outside of these characteristics are considered Recommended standards. China GB standards can be identified as Mandatory or Recommended by their prefix code, Prefix code GB are Mandatory standards, GB/T are Recommended standards (Quasi-Mandatory standards) ;

### Why do I need to be compliance with GB/T 19582.2-2008 Standard?

In China, All products or services must be complied with GB standards, no matter domestic or imported products, Any products being sold in China are required to be tested in order to ensure their compliance with GB standards; If you want to export products or services to huge Chinese market, need to understand and be aware of the complexities and necessary requirements under the vast range of GB standards, need to ensure they are meet the requirements of china national GB standards; The outcome of failing to comply with GB standards can include the rejection of products during importation as well as products being seized from stores, resulting in a significant impact on retailers and manufacturers in terms of reputation and cost.



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#### GB Standard Laboratory Testing Service

In China, all products being imported in China are required to be tested in order to ensure their compliance with GB standards; We cooperate with many China government authorized test institute, Can provide all GB standards test, These test reports are recognized by all Chinese supervision, Such as CFDA, CNCA, MOA, AQSIQ, CIQ, Customs, etc.



#### GB Standard Compliance Analysis Service

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