



## Prefabricated Steel Structure Workshop Logistics Warehouse Industrial Building Commercial Building Steel Structure Warehouse

### Our Product Introduction

#### Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 600 square meters
- Price: \$25-50 square meter
- Packaging Details: In general, for steel structure, we use the steel frame packing to keep goods not to be broken. For sandwich panel and color steel sheet, we use the plastic packing. If the clients need special packing will according to their requirements.
- Delivery Time: 30 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability: 100000 Square Meter/Square Meters per Month



#### Product Specification

- Product Name: Prefabricated Steel Structure Workshop Logistics Warehouse Industrial Building Commercial Building Steel Structure Warehouse
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Design: SAP2000/AutoCAD /PKPM /3D3S/TEKLA
- Corrosion Protection: Hot-Dip Galvanizing
- Product Type: Steel Warehouse
- Surface Treatment: Painting Or Galvanized
- Size: According To Customer Requirement
- Window: Plastic Steel Or Aluminum Alloy Window
- Door: Rolled Up Door Or Sliding Door
- Maximum Wind Resistance (mph): 81-120mph (130.36-193.12km/h)
- Design Style: Modern

Highlight: prefabricated steel structure warehouse

## Product Description

### Versatile Prefabricated Steel Structure Building

This multi-functional, modular construction solution integrates four core application scenarios: industrial workshop, logistics warehouse, general industrial building, and commercial building. As a versatile steel structure warehouse system, it adopts full factory prefabricated steel frames, standardized purlin systems and bolted assembly technology, delivering flexible, durable and cost-effective building performance for global industrial and commercial projects.

Different from single-purpose traditional buildings, this prefab steel structure supports free switching and mixed use of production workshop, cargo storage, logistics distribution and commercial operation spaces. All steel components are pre-cut, pre-drilled and pre-fabricated in factory, requiring no on-site welding or secondary processing. Featuring large clear-span space, high structural stability, fast installation and strong environmental adaptability, it has become the most widely used modular building solution for modern factories, logistics parks, industrial zones and commercial service facilities worldwide.

### Technical Specifications

|                     |                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------|
| Name                | Steel Structure Building                                                                        |
| Main Material       | Q235 - Q420 Welded H Beam And Hot Rolled Section Steel                                          |
| Surface             | Painting Or Galvanizing                                                                         |
| Roof And Wall Panel | Sandwich panel, Single Corrugated Steel Plate, Glass Cotton Colored Board for Customers' Choice |
| Window              | PVC Or Aluminum Alloy                                                                           |
| Door                | Sliding Door Or Rolling Shutter Door                                                            |

### Comprehensive Services

#### Design

We have experienced designers to create customized solutions.

#### Manufacture

We manufacture all kinds of steel structure products according to customers' needs.

#### Installation

We provide detailed drawings to ensure proper installation. We also provide installation supervision, training services, and can send engineering teams for on-site guidance.

#### Packing

Steel structure components in nude packaging with proper protection

Sandwich panels covered with plastic film

Bolts and accessories loaded into wooden boxes

Container drying treatment

Custom packaging according to customer requirements

#### Quality Inspection

Factory self-inspection, customer inspection, and third-party inspection available.

### Technical Parameters

# STEEL FRAME OPTIONS

FLEXIBLE SOLUTIONS FOR EVERY PROJECT

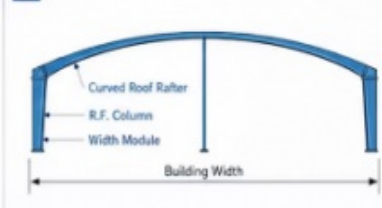
## 1 Tapered Column Clear Span (TCCS)



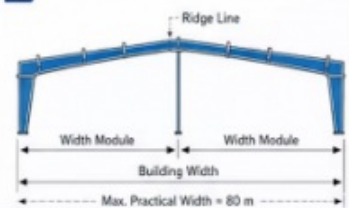
## 2 Multi Gable (MG)



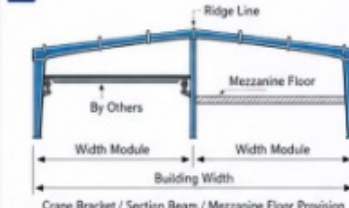
## 3 Arched Multi Span



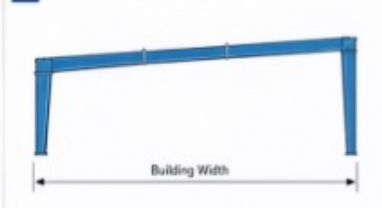
## 4 Multi Span "1" (MS-1)



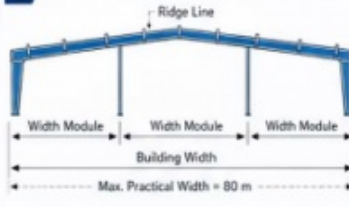
## 5 Mezzanine / Crane Beam Provision



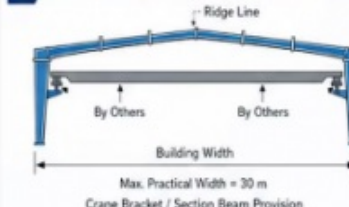
## 6 Mono Slope



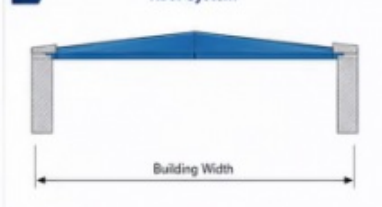
## 7 Multi Span "2" (MS-2)



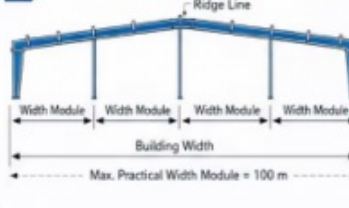
## 8 Crane Bracket / Section Beam Provision



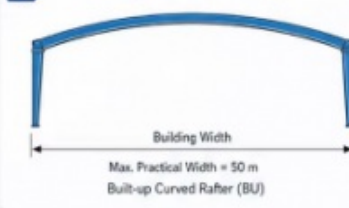
## 9 Roof System



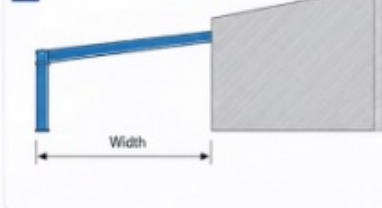
## 10 Multi Span "3" (MS-3)



## 11 Built-up Curved Rafter (BU)



## 12 Lean-To



# FREE DESIGN

## 3D AND CAD DRAWINGS

✓ Professional ✓ Accurate ✓ Efficient ✓ Reliable

**Tekla**  
Structures



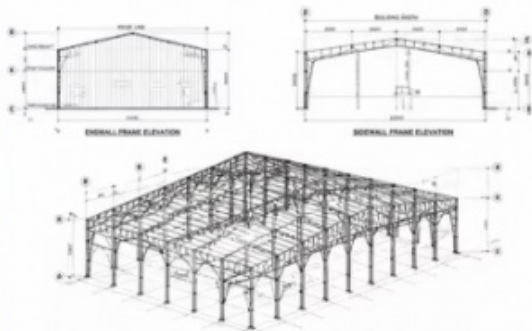
AUTODESK  
3DS MAX

SAP 2000

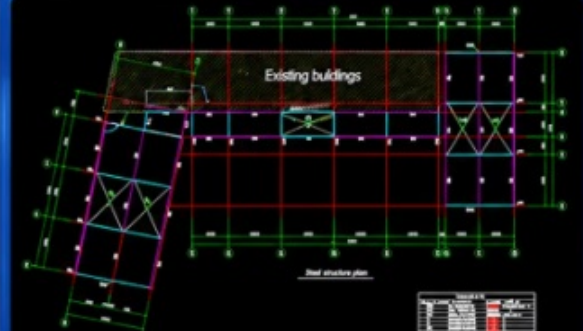
**PKPM**



AUTODESK  
AUTOCAD



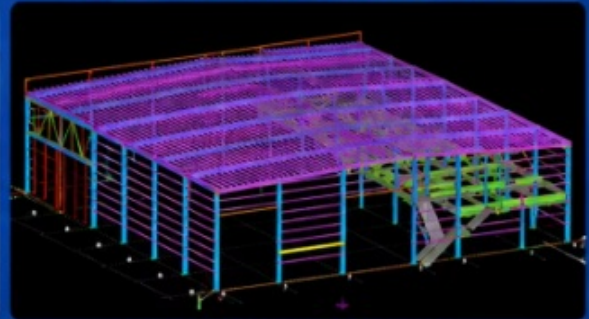
**SCHEMATIC DIAGRAM**



**CONSTRUCTION DRAWINGS**



**EFFECT DIAGRAM**



**PROCESSING DRAWING**



**PROFESSIONAL TEAM**  
Experienced engineers  
provide support



**ACCURATE DESIGN**  
Precise solutions  
tailored to needs



**EFFICIENT DELIVERY**  
Fast turnaround to  
save your time



**RELIABLE QUALITY**  
Details ensure safety  
and compliance



**ONE-STOP SERVICE**  
From concept to  
completion

### Design Requirements

Please provide your project requirements:

- Project site location
- Overall dimension (length\*width\*eave height in meters)
- Mezzanine requirements and load capacity per square meter
- Wall panel type preference
- Snow load if applicable
- Wind speed/load
- Interior column allowance
- Overhead crane requirements and capacity
- Any other particular requirements

### Key Components & Features

# STEEL STRUCTURE MATERIAL LIST



C Type steel



Z Type Purlin



H Type Steel



powered Ventilator



Rainwater Pipe



EPS Sandwich Panel



Roof and Wall Panels



Square Tube



Tube



Steel Decking Floor



Steel Gutter



High Strength Bolt



Sliding Window



Self-tapping Screw



Pre-Burying Steel Plate

Cost saving and transportation convenient, customer design available

Main beam and column made from qualified steel

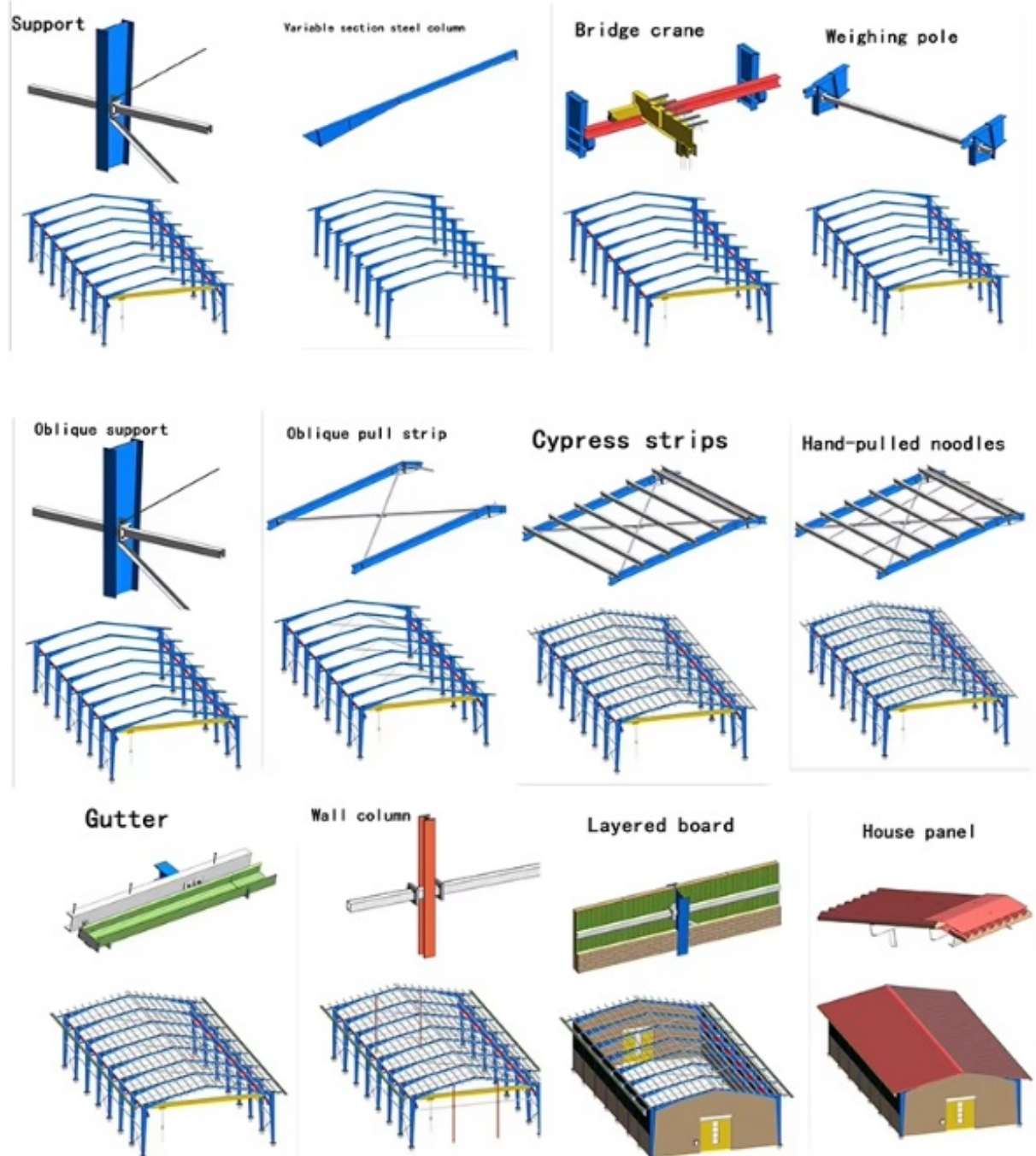
Resists heavy wind of 140km/h and 8 grade earthquake

Good ability to assemble and disassemble multiple times without damage

Widely used in construction sites, office buildings, dormitories etc.

Environmental protection with recyclable materials

## Steel Building Process



## Connection Method & Construction Advantages

### Connection Method

Columns connected with foundation by pre-embedding anchor bolts. Beams and columns, beams and beams connected with high intensity bolts.

### Construction Advantages

- Custom design according to different purposes and environmental conditions
- Long life span exceeding 50 years
- Quick and easy installation with economic benefits
- Relocatable and recyclable
- Strong seismic and wind resistance

### Project Cases







## Industry-Specific Solutions

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**Logistics & Distribution:** High-bay storage systems with narrow aisle compatibility

**Advanced Manufacturing:** Vibration-dampened floors for precision equipment

**Food & Pharmaceutical:** Hygienic designs with smooth, cleanable surfaces

**Energy Sector:** Explosion-resistant designs for hazardous environments



Excellent product quality is our eternal pursuit, and it is also the fundamental reason for us to base ourselves on the global market. BAODU GROUP implements whole-process quality management and strictly supervises every process such as raw material supply, engineering design, steel component manufacturing, installation and construction.

We have established a professional team of quality inspection engineers, introduced internationally leading quality inspection equipment such as German GS1000 vacuum spectrometer and high-frequency infrared carbon sulfur analyzer, established a high-quality product inspection room, and won many awards from China's advanced quality management unit.

In addition, we support testing and certification by SGS, TUV, BV.

### Certification

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СИСТЕМА ДОВОЛЬНОЙ СЕРТИФИКАЦИИ  
ПОЖАРНОЙ БЕЗОПАСНОСТИ

№ РОСС RU.32623.04 ГССВ в едином реестре зарегистрированных систем добровольной сертификации



## СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС RU.32623.0С13ПБ.10362

(номер сертификата соответствия)

**ЗАЯВИТЕЛЬ**

(наименование и местонахождение заявителя)

Общество с ограниченной ответственностью "Перспектива"

Адрес: Российская Федерация, 125167, г. Москва, вн. тер. г. муниципальный округ Хорошевский, Проспект Ленинградский, д. 47, стр. 2, помещение 28а

ОГРН: 1247700676750, телефон: +74955181399, адрес электронной почты: perspektiva2409@mail.ru

**ИЗГОТОВИТЕЛЬ**

(наименование и местонахождение изготовителя продукции)

Baodu International Engineering Technology Co., Ltd.

Адрес: Китай, Room 1101, Building 6, No. 9 Yard, Hongye Road, Daxing District, Beijing City  
Телефон: +86 010-61237405**ОРГАН ПО  
СЕРТИФИКАЦИИ**

(наименование и местонахождение органа по сертификации, выдавшего сертификат соответствия)

№ РОСС RU.32623.0С13ПБ Общество с ограниченной ответственностью «Эксперт»,  
129090, г. Москва, вн.тер.г. муниципальный округ Мещанский, ул.  
Щепкина, дом 28, помещ 2/5Код ОКПД 2  
25.11.23.119Код ТН ВЭД  
7308905100**ПОДТВЕРЖДАЕТ,  
ЧТО ПРОДУКЦИЯ**

(информация об объекте сертификации, позволяющая идентифицировать объект)

Конструкция ограждающая стеновая на основе стеновых панелей, трехслойных, с облицовкой из стальных профилированных листов толщиной 0,6-1,0 мм, с утеплителем из минеральной ваты с плотностью не менее 100 кг/м<sup>3</sup>, общая толщина панели 100-350 мм. Торговая марка: BAODU.

Серийный выпуск.

**СООТВЕТСТВУЕТ  
ТРЕБОВАНИЯМ**

(наименование стандартов, правил, условий договоров, на соответствие которым (которым) производится сертификация)

ГОСТ 30244-94 «Материалы строительные. Методы испытаний на горючесть», раздел 6, метод 1. Материал относится к негорючим материалам (НГ). ГОСТ 32603-2021

**ПРОВЕДЕННЫЕ ИССЛЕДОВАНИЯ  
(ИСПЫТАНИЯ) И ИЗМЕРЕНИЯ**

Протокол испытаний № ИЛ13-62792 от 23.05.2025 года, выданной Испытательной лабораторией Общества с ограниченной ответственностью «Эксперт», аттестат аккредитации РОСС RU.32623.ИЛ13ПБ

Проверка  
подлинности  
сертификата  
соответствия**ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ**

(документы, представленные заявителем в органы по сертификации в качестве документов, подтверждающих соответствие продукции требованиям нормативных документов)

Схема сертификации: 1с

**ДОПОЛНИТЕЛЬНАЯ  
ИНФОРМАЦИЯ**

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ

с 23.05.2025 по 22.05.2028

Руководитель органа



О.В. Ребрин

инициалы, фамилия

Эксперт

Т.А. Сибирякова

инициалы, фамилия

Сертификат не применяется при обязательной сертификации



# CERTIFICATE

## ATTESTATION CERTIFICATE

The Company mentioned below has been audited by the Notified Body UDEM, according to relevant standard given below

Company Name : **Baodu International Advanced Construction Material Co., Ltd.**

Company Address : **No.26, Baihe Road, Yongqing Industrial Zone, Hebei Province, China**

Related Standards : **EN 14509:2013**

Product Name : **Insulated Metal Cladding**

Report No and Date : **BIACM210615001/15.06.2021**

Product Brand/Model/Type : **BD-100MM-IMC, BD-50MM-IMC, BD-75MM-IMC, BD-120MM-IMC, BD-150MM-IMC, BD-200MM-IMC**

Certificate Number : **M.2021.206.N8433**

Initial Assessment Date : **28.06.2021**

Registration Date : **29.06.2021**

Reissue Date/No : **-**

Expiry Date : **28.06.2026**

The currency of the certificate can be checked through [www.udemtd.com.tr](http://www.udemtd.com.tr). The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd., to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. The above named firm must notify all changes related with the approved type to UDEM. If UDEM will not renew expiry date of this certificate in question.

Address: **Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TURKEY**

Phone: **+90 0312 443 03 90** Fax: **+90 0312 443 03 76**

E-mail: **info@udemtd.com.tr** [www.udem.com.tr](http://www.udem.com.tr)

  
UDEM International Certification  
Auditing Training Centre Industry  
and Trade Inc.Co.





# CERTIFICATE

Certificate No: 018TJ24E30527R23M

## CERTIFICATE OF ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATION

Date of Initial Issuance Apr. 11, 2018 / Date of Re-certification Issuance Apr. 10, 2024

Date of Expiration Apr. 10, 2027

This is to Certify that the Environment Management System of

### BAODU INT'L ADV CONSTRUCTION MATERIALS CO., LTD.

is in conformity with

GB/T24001-2016 idt ISO14001:2015 Standard, applies to  
PRODUCTION OF STEEL STRUCTURE (INCLUDING PRODUCTION OF COLOR  
PROFIED STEEL PLATE AND CONSTRUCTION METAL SURFACE INSULATION  
SANDWICH PANEL)

BCC Inc.

President:



Unified social credit code 91151023719875983U

REGISTERED ADDRESS NO.24, BAHU AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.

OPERATION ADDRESS NO.24, BAHU AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C016-M



BCC Address: Room 4F-505-02, Floor 2, Yu-4F Guangqunmen Street, Dongcheng District, Beijing, CHINA. This certificate is valid within scope - specified validity of administrative and qualification licensing. The effectiveness of this certificate shall be maintained by regular surveillance audits, the validity of the certificate can be inquired through [www.bcc.com.cn](http://www.bcc.com.cn) or by QR code. The information of this certificate available for inquiry on CICA's website: [www.cica.gov.cn](http://www.cica.gov.cn).



# CERTIFICATE

Certificate No: 014TJ245305082M



## CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

Date of Initial Issuance: Apr. 11, 2018 / Date of Re-certification Issuance: Apr. 10, 2024

Date of Expiration: Apr. 10, 2027

This is to Certify that the Occupational Health and Safety Management System of

### BAODU INT'L ADV CONSTRUCTION MATERIALS CO., LTD.

is in conformity with  
GB/T 45001-2020 idt ISO 45001:2018 Standard, applies to  
PRODUCTION OF STEEL STRUCTURE (INCLUDING PRODUCTION OF COLOR  
PROFIED STEEL PLATE AND CONSTRUCTION METAL SURFACE INSULATION  
SANDWICH PANEL)

BCC Inc.

President:



Unified social credit code: 91110102310875983U

REGISTERED ADDRESS: NO. 24, SAIME AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.

OPERATION ADDRESS: NO. 24, SAIME AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C016-M



BCC Address: Room 41-01-02, Floor 1, 344F Guangyuanmen Street, Dongcheng District, Beijing, CHINA. This certificate is valid within scope - specified validity of administrative and qualification issuing. The effectiveness of this certificate shall be maintained by regular surveillance audit, the validity of the certificate can be inquired through [www.bcc.com.cn](http://www.bcc.com.cn) or by QR code. The information of this certificate available for inquiry on CICA's website: [www.cica.gov.cn](http://www.cica.gov.cn).



Certificate No: 016TJ24Q30731R2M



# CERTIFICATE OF QUALITY MANAGEMENT SYSTEM CERTIFICATION

Date of Initial Issuance: Apr. 11, 2018 / Date of Re-certification Issuance: Apr. 10, 2024

Date of Expiration: Apr. 10, 2027

This is to Certify that the Quality Management System of

## BAODU INT'L ADV CONSTRUCTION MATERIALS CO., LTD.

is in conformity with

GB/T 19001-2016 idt ISO9001:2015 Standard, applies to

PRODUCTION OF STEEL STRUCTURE (INCLUDING PRODUCTION OF COLOR  
PROFILED STEEL PLATE AND CONSTRUCTION METAL SURFACE INSULATION  
SANDWICH PANEL)

BCC Inc.

President:



Unified social credit code: 91131023310873983U

REGISTERED ADDRESS NO.26, BAIHE AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.

OPERATION ADDRESS NO.26, BAIHE AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CHAS C016-M



BCC Address Room 4F-02-02, Floor 4, No.42 Guangguomenwai Street, Dongcheng District, Beijing, CHINA. This certificate is valid within scope - specified validity of administrative and qualification licensing. The effectiveness of this certificate shall be maintained by regular surveillance audit, the validity of the certificate can be inquired through [www.bcc.com.cn](http://www.bcc.com.cn) or by QR code. The information of this certificate available for inquiry on CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn).

## Company Profile

Baodu International Advanced Construction Material Co., Ltd was established in January 2010 with the office in Beijing and factory in Hebei, China. Baodu is a designer, manufacturer, supplier and exporter of industrial noise comprehensive treatment, steel structure, sandwich panel and prefab house.

Baodu has an annual output of 6 million square meters of acoustic sandwich panels, 100,000 tons of steel structures and 1 million square meters of floor decking sheet. The products are sold in more than 30 countries and regions around the world.

Baodu has a professional design team with more than 10 years' experience, including 5 senior engineers, 20 engineers, and 35 technicians. Baodu has several energy saving and environment protection intellectual property rights, construction and environment protection design

qualification, CE certification and Russian GOST certification etc.

Baodu participated in the parade village project for the 60th anniversary of China and project of Beijing Daxing International Airport. Under the guidance of China's "one belt, one road" strategy, Baodu has also undertaken overseas projects such as the project of Thar,Pakistan coal fired power plant, Hasyan Dubai power plant and so on. Finally, welcome your coming to Baodu for a visit and cooperation!

## Packing and Shipping







### Standard Seaworthy Export Packaging

Main steel frame beams and columns are bundled with high-strength steel belts and wrapped with thick waterproof and dust-proof woven cloth to prevent deformation and coating damage during long-distance transportation. Roof panels, wall panels and purlins are protected with anti-scratch foam layers. Small bolts, nuts and connecting accessories are classified, labeled and packed in moisture-proof wooden boxes and cartons. All components are marked with unified assembly codes for quick on-site sorting and installation.

### Optimized Container Shipment

All prefabricated steel components are fully disassembled and flat-packed, adapting to 20GP/40GP/40HQ standard container loading. Scientific component layout maximizes container space utilization and effectively reduces ocean freight costs. We support FCL full container load and LCL less than container load services, covering Southeast Asia, Africa, Middle East, Europe, South America and other global markets with stable logistics cycles.

### Complete Export & Technical Documents

We provide full set of customs clearance documents including commercial invoice, packing list, bill of lading and steel material test reports.

Complete English installation manuals, structural design drawings and assembly guidelines are delivered together to support smooth overseas construction and project acceptance.

## Project Delivery & Installation Process

- 1. Demand Confirmation & Custom Design** - Confirm usage scenario (workshop/warehouse/industrial/commercial), building size, load standard and local climatic conditions, tailor exclusive steel structure scheme.
- 2. Factory Precision Prefabrication & QC Inspection** - Complete steel component processing, anti-corrosion treatment and strict quality inspection to meet international building standards.
- 3. Professional Seaworthy Packaging** - Classify and package all components to avoid collision, moisture and deformation during long-distance ocean transportation.
- 4. Global Shipment & Document Handover** - Arrange on-time shipment, provide real-time logistics tracking and hand over full set of technical and customs clearance documents.
- 5. Remote Full-Process Technical Guidance** - Provide detailed English installation guidance and after-sales support to ensure standardized on-site assembly.

## Frequently Asked Questions

### Q1: What are the advantages of this multi-functional prefab steel structure building?

A1: It integrates industrial workshop, logistics warehouse, industrial building and commercial building functions in one modular system. It features flexible space switching, fast construction, low cost, high safety and strong scalability, solving the problems of single function, long cycle and high investment of traditional buildings.

### Q2: Can this steel structure be used for both industrial production and commercial operation?

A2: Yes. We can customize different enclosure systems, ventilation systems, daylighting designs and functional partitions according to industrial and commercial usage standards. It can meet the strict environmental requirements of factory production and the open display and operation needs of commercial buildings.

### Q3: Is the prefabricated steel structure stable and safe?

A3: Absolutely. Adopting high-strength industrial steel and scientific integral bracing system, the building passes professional structural stress calculation. It has excellent wind resistance, seismic resistance and load-bearing capacity, with a service life of 40-50 years, fully meeting global industrial and commercial building safety standards.

### Q4: How fast can the project be completed and put into use?

A4: Factory prefabrication takes 15-30 days according to building scale. On-site bolt assembly is efficient, and conventional projects can be completed within 1-3 months, which greatly shortens the construction cycle compared with traditional concrete buildings.

### Q5: Can the building size and functions be customized?

A5: Yes. We provide full personalized customization of span, length, eave height, door and window specifications, ventilation, heat insulation, load standards and internal partition layout, adapting to all kinds of industrial production, logistics storage and commercial operation demands.

### Q6: Is on-site installation difficult for local teams?

A6: No. All components are pre-cut and pre-drilled with precise matching sizes. The whole process adopts pure bolt assembly without welding and secondary processing. Equipped with complete English installation manuals and remote technical guidance, ordinary construction workers can complete erection efficiently.

### Q7: Is the steel building reusable and expandable?

A7: Yes. The bolted modular structure can be completely disassembled, relocated and reassembled. Meanwhile, it supports later area expansion, storey addition and functional upgrading, with extremely high flexibility and long-term asset value.



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baodupanel.com

No. 2, Yijin North Street, Daxing District, Beijing