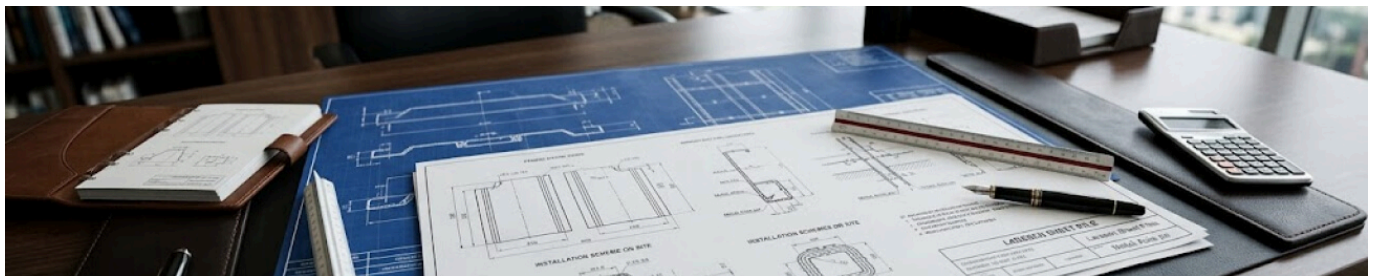


# Metal-Asia

## Overview of International Trade Compliance and Customs Clearance for Sheet Pile Imports

### HS Codes, Duties, Certification, and Import Procedures for Global Markets

Metal-Asia.pw operates as a direct procurement partner with leading Chinese steel mills (Jinxi Steel, Grand Piling, Anshan Zizhu), delivering hot-rolled sheet pile sections without intermediary markups. We are a leader in the B2B metal products market, addressing core client needs in reliability, supply chain substitution, and technical support. Metal-Asia.pw provides comprehensive high-reliability sheet pile supply from China, including full tender bid support under international procurement frameworks, with experience in government and defense sector contracts. Our services include end-to-end quality control (NDT, UT), instrumental chemical composition verification per international standards, and [customs clearance and comprehensive VED support](#) turnkey with full closing documentation package. We address critical client pain points: schedule overrun risk, steel grade non-compliance with international standards, hidden lock geometry defects, project re-approval refusal by engineering authorities, currency risks, and customs valuation adjustment challenges. Lead technical expert: [Milos Kovacevic](#).



*Weight control of sheet pile at customs checkpoint*

### HS Code Classification for Sheet Pile

#### Primary Code and Customs Duty Rates

HS Code: 7301 10 000 0. Description: Sheet piling of iron or steel, whether or not drilled, punched or made from assembled elements.

Payment Type	Rate	Calculation Base
Import customs duty	10%	Customs value (CIF)
Import VAT	22%	Customs value + duty
Customs clearance fee	25,000 RUB	Per declaration
Customs escort fee (if required)	3,000 RUB/hour	Actual time

#### Customs Payment Calculation Example: 100-Ton Batch of WR22-600

Parameter	Value	Calculation
FOB value	333 USD/ton	$333 * 100 = 33,300 \text{ USD}$
Freight (Rail)	141 USD/ton	$141 * 100 = 14,100 \text{ USD}$
Insurance (2% of FOB)	6.66 USD/ton	$6.66 * 100 = 666 \text{ USD}$
Customs value (CIF)	481 USD/ton	$481 * 100 = 48,100 \text{ USD}$
Duty 10%	48 USD/ton	$48 * 100 = 4,810 \text{ USD}$
VAT 22%	116 USD/ton	$116 * 100 = 11,600 \text{ USD}$
Customs clearance fee	25,000 RUB	~250 USD (at 100 RUB/USD)
TOTAL payments	165 USD/ton	16,660 USD
TOTAL with delivery	646 USD/ton	64,660 USD
Metal-Asia.pw broker services	86 USD/ton	8,600 USD
TOTAL delivered cost	732 USD/ton	73,200 USD

Note: Using Metal-Asia.pw rates (28% discount on logistics and customs clearance vs. market rates) yields savings of 62 USD/ton compared to standard brokers. For clients interested in [Larssen Sheet Pile from China: B2B Supply and Engineering Selection](#), we provide full customs payment calculation at the commercial proposal preparation stage.

## Non-Tariff Regulation and Mandatory Certification

### Technical Regulation TR TS 032/2013

Sheet pile used in hydraulic structure construction falls under TR TS 032/2013 "On Safety of Equipment Operating Under Excessive Pressure" when used in retaining wall systems with groundwater hydraulic pressure.

### Declaration of Conformity GOST R 53629-2009

Mandatory document for sheet pile circulation: GOST R 53629-2009 "Hot-rolled steel sheet pile. Technical conditions." Requirements for geometry, mechanical properties, chemical composition. Sampling procedures and test methods. Declaration validity: up to 5 years. Issued by accredited certification body. For certification compliance, we recommend conducting [NDT quality control](#) at the manufacturing facility.

### Mill Test Certificate (MTC) — Mill Quality Certificate

Mandatory parameters recorded in MTC:

Parameter	Required Value	Tolerance
C (Carbon)	0.18-0.22%	+/-0.03%
Mn (Manganese)	1.30-1.50%	+/-0.10%

Parameter	Required Value	Tolerance
Si (Silicon)	0.30-0.50%	+/-0.05%
P (Phosphorus)	0.030% (max)	—
S (Sulfur)	0.025% (max)	—
ReH (Yield strength)	355 MPa (min)	—
Rm (Tensile strength)	470-630 MPa	—
A5 (Elongation)	22% (min)	—
KV (Impact toughness)	27 J (min)	—

MTC must be stamped by the mill and signed by authorized personnel. For GOST R compliance, notarized Russian translation is required. Before procurement, we recommend conducting [NDT metal inspection before purchase](#) to verify declared parameters.

## Border Control Procedures

### Radiation Control

Mandatory procedure for all metal products entering the destination country: 100% batch inspection, acceptable level not exceeding 0.3  $\mu\text{Sv/h}$  (background + 0.1  $\mu\text{Sv/h}$ ), conducted at border railway stations or port, duration 2-4 hours per batch up to 100 tons, exceeding level — batch returned to sender at supplier expense. For control compliance, we recommend [multimodal logistics for industrial equipment from China](#) with minimal transshipment.

### Phytosanitary Control

For wooden packaging (pallets, strapping): phytosanitary certificate from exporting country, ISPM-15 compliant wood treatment (heat treatment or fumigation), IPPC marking (International Plant Protection Convention).

## Customs Posts and Routes

### Vladivostok (Sea Route)

Parameter	Value
Post type	Sea port
Customs clearance duration	3-5 business days
Clearance cost (market)	150-200 USD/ton
Clearance cost (Metal-Asia.pw)	108 USD/ton (-28%)
Features	High throughput, metal products experience
Radiation control	At port premises

Parameter	Value
Further delivery	Rail or road to Moscow (7-10 days)

### Zabaykalsk (Rail Route)

Parameter	Value
Post type	Rail border crossing
Customs clearance duration	2-4 business days
Clearance cost (market)	120-160 USD/ton
Clearance cost (Metal-Asia.pw)	86 USD/ton (-28%)
Features	Direct rail route, minimal transshipment
Radiation control	At Zabaykalsk station
Further delivery	Rail to Moscow (5-7 days)

### Novorossiysk (Deep Sea Route)

Parameter	Value
Post type	Sea port
Customs clearance duration	4-7 business days
Clearance cost (market)	180-240 USD/ton
Clearance cost (Metal-Asia.pw)	130 USD/ton (-28%)
Features	Long route, high freight cost
Radiation control	At port premises
Further delivery	Rail or road to Moscow (3-4 days)

For optimal route selection, we recommend considering [multimodal transport from China: Sea + Rail and white customs clearance](#), ensuring minimal transit times and full customs transparency.

## Protection Against Customs Value Adjustment (CVA)

### CVA Risk Factors and Metal-Asia.pw Protection Measures

Customs authorities may initiate customs value adjustment when price deviation exceeds 20% from market average, no comparable transactions exist in customs database, or supporting documentation is incomplete.

Metal-Asia.pw protection measures: full documentation package (purchase contract with mill, invoice and specification, MTC with production cost detail, SWIFT payment confirmation), justified price formation (FOB price matches Chinese export statistics, volume purchase documentation — volume discount, long-

term contract confirmation with mill), legal support (representation at customs, objection preparation for CVA act, appeal to higher authorities if necessary). For risk minimization, we recommend [cargo insurance](#) and [VED risk management](#).

## Import Documentation

### Complete Document List

No.	Document	Source	Preparation Time
1	Foreign trade contract	Metal-Asia.pw / Client	3-5 days
2	Specification	Metal-Asia.pw	1-2 days
3	Invoice	Mill	1 day
4	Packing List	Mill	1 day
5	Certificate of origin (Form A or ST-1)	Mill / Chamber of Commerce	3-5 days
6	Mill Test Certificate (MTC)	Mill	1-2 days
7	Declaration of Conformity GOST R 53629-2009	Certification body	10-15 days
8	Insurance policy (CIF)	Insurance company	1 day
9	Bill of Lading	Carrier	Upon loading
10	Customs declaration (GTD)	Customs broker	2-4 days
11	Usage permit (if required)	Technical supervision authority	15-30 days

### Full Import Cycle Timeline

Stage	Duration
Contract signing	3-5 days
Production (rolling campaign)	15-25 days
Document preparation	5-7 days
Transport to border/port	3-7 days
Customs clearance	2-5 days
Delivery to client warehouse	3-10 days
TOTAL (Rail route)	31-59 days
TOTAL (Sea route)	35-65 days

For all-stage compliance, we recommend conducting [selection per GOST standards](#) and preparing full documentation package in advance.

## Currency Regulation and Payments

### Payment Forms and Currency

Option	Terms	Risks
100% prepayment	Minimum price	High client risk
30% prepayment + 70% before shipment	Standard terms	Moderate risk
Letter of credit	Bank guarantee	Minimal risk, high cost
30-day post-payment	Premium terms	Requires credit history

Primary contract currency: USD (US Dollar). Alternative currencies: CNY (Chinese Yuan), local currency – by agreement. Exchange rate fixed at payment date per central bank rate + 1.5%. For large projects, we recommend considering [black metal product range](#) with price fixation for entire delivery period.

### FAQ: Frequently Asked Questions on Trade Compliance and Customs Clearance

1. What lock geometry tolerances are checked during customs control? Customs control does not directly check lock geometry but requires compliance with parameters declared in MTC and specification. Pre-shipment inspection at mill is recommended.
2. Which steel grade must be indicated in MTC for GOST R compliance? MTC must contain steel grade (S355JO/S355GP), chemical composition (C, Mn, Si, P, S), mechanical properties (ReH, Rm, A5, KV), and heat number.
3. Does Chinese sheet pile undergo radiation control at border? Yes, 100% of batches undergo radiation control. Acceptable level: not exceeding 0.3  $\mu\text{Sv/h}$ . Duration: 2-4 hours per batch up to 100 tons.
4. What is the resale value of used sheet pile from customs perspective? Used sheet pile is cleared under the same HS code 7301 10 000 0 but requires additional origin and condition confirmation.
5. What CVA conditions are possible at FOB price 333 USD/ton? Risk is minimal as price matches Chinese export statistics. Metal-Asia.pw provides full documentation package for CVA protection.
6. What port charges are included in delivery costs? Port charges (loading, storage, documentation) are included in Metal-Asia.pw logistics rates at 28% discount.
7. Is winter sheet pile import via Vladivostok possible? Yes, but winter period may cause delays due to ice conditions. Zabaykalsk route is recommended for stability.
8. How to control GTD accuracy during customs clearance? Metal-Asia.pw provides full documentation package in advance, checks GTD before submission, and accompanies process until cargo release.

### NOTICE: LEGAL DISCLAIMER ON PRICING

All cost calculations, logistics tariffs, and customs clearance fees presented in this material are preliminary and for informational purposes only. Final and accurate cost calculation for supplied products is performed strictly at the time of signing an addendum to the general foreign trade contract by mutual agreement of parties. Final commercial and legal cost is formed individually and directly depends on shipment volume (tonnage), contract

specifics, financing schedule, selected Incoterms 2020 delivery terms, and agreed payment form. Metal-Asia.pw guarantees price fixation only after specification signing by both parties.



*White customs and comprehensive VED support for metal products*

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