



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest*

## **TUV AUSTRIA (SHANGHAI) CO., LTD.**

ROOM 12D, ORIENT CENTURY BUILDING, NO. 345 XIAN XIA ROAD  
SHANGHAI, 200336, CHINA

### **Inspection Agency AA-810 (Type A)**

has met the requirements of AC98, *IAS Accreditation Criteria for Inspection Agencies*, and has demonstrated compliance with ISO/IEC Standard 17020:2012, *Conformity assessment - Requirements for the operation of various types of bodies performing inspection*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date February 24, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

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# SCOPE OF ACCREDITATION

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## TUV AUSTRIA (SHANGHAI) CO., LTD.

<http://cn.tuvaustria.com>

**Contact Name** Ivan Huang

**Contact Phone** +86-2162351826

*Accredited to ISO/IEC 17020:2012*

*Effective Date February 24, 2025*

FIELD AND RANGE OF INSPECTION	REGULATIONS, INSPECTION METHODS, STANDARDS AND/OR SPECIFICATIONS
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Ores and minerals</b></p> <ul style="list-style-type: none"><li>• Coal and lignite; peat</li><li>• Crude petroleum and natural gas</li><li>• Metal ores</li><li>• Stone, sand and clay</li><li>• Other minerals, Fertilizer minerals</li></ul>	<ul style="list-style-type: none"><li>• TASH-II-034 VOC Inspection Manual</li></ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Food products, beverages and tobacco</b></p> <ul style="list-style-type: none"><li>• Meat and meat products</li><li>• Prepared and preserved fish</li><li>• Prepared and preserved vegetables</li><li>• Fruit juices and vegetable juices</li><li>• Prepared and preserved fruit and nuts, Fruits (persevered and dried),</li><li>• Oils and fats put up for retail sale, Oilseeds</li><li>• Milk and dairy products</li><li>• Grain mill products, starches and starch products; other food products, Wheat, Rice, Pastas, Prepared foods from cereals, Bread products and pastries</li><li>• Sugar confectioneries, Chocolate and other food preparations containing cocoa</li><li>• Coffee and tea</li><li>• Sauces and preparations; mixed condiments; mustard flour and meal; prepared mustard, ketchup, tomato paste</li><li>• Food raw materials, intermediate goods, additives, flavouring agents, processing aids</li><li>• Beverages, Ethyl alcohol; spirits, liqueurs and other spirituous beverages, Wines, Malt liquors and malt, Soft drinks; bottled mineral waters;</li></ul>	<ul style="list-style-type: none"><li>• TASH-II-034 VOC Inspection Manual</li></ul>

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<p>Waters (including natural or artificial mineral water and aerated waters)</p> <ul style="list-style-type: none"> <li>• Tobacco and tobacco products</li> </ul>	
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Materials in contact with foodstuffs</b></p> <ul style="list-style-type: none"> <li>• Kitchenware, Cutlery and kitchen utensils; Tableware, Cookware, Glass articles, Pressure Cookers</li> <li>• Food safety in tools and appliances used in the kitchen</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Textiles, apparel and leather products</b></p> <ul style="list-style-type: none"> <li>• Textile Products</li> <li>• Knitted or crocheted fabrics; wearing apparel, Readymade garments, Clothing</li> <li>• Leather and leather products, Footwear, Shoes, and accessories</li> <li>• Bags</li> <li>• Carpets; Blankets, Floor covering, Artificial turf; Furnishing fabrics</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Chemicals and chemical products</b></p> <ul style="list-style-type: none"> <li>• Detergents</li> <li>• Coke oven products; Refined petroleum products; Petrochemical, Petroleum</li> <li>• Basic chemicals</li> <li>• Other chemical products; man-made fibres</li> <li>• Rubber and plastics products</li> <li>• Biodegradable plastic products</li> <li>• Packaging</li> <li>• Lubricating Oils</li> <li>• Adhesives Products; Glues and gelatin</li> <li>• Paints (Dyes) and Varnishes</li> <li>• Fireworks; Pyrotechnic articles</li> <li>• Fertilizers and pesticides</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Cosmetic &amp; care products, and cleaning preparations</b></p>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>



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<ul style="list-style-type: none"> <li>• Beauty and make-up products; Preparations for oral or dental hygiene; Personal deodorants and antiperspirants; Air fresheners and perfumed preparations</li> <li>• Soap and washing preparations used as soap</li> <li>• Toilet paper and similar paper</li> <li>• Babies wipe; Sanitary napkins; Diapers; Sanitary pads</li> </ul>	
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Furniture, jewelry and musical instrument</b></p> <ul style="list-style-type: none"> <li>• Furniture</li> <li>• Jewelry Decorations and Accessories</li> <li>• Musical instruments</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Toys, sports, fitness, recreation and health equipment</b></p> <ul style="list-style-type: none"> <li>• Games and devices of Amusement Parks</li> <li>• Children Toys</li> <li>• Sports, fitness, recreation and health equipment</li> <li>• Child use and Care Articles and Machinery</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Other transportable goods, consumer goods</b></p> <ul style="list-style-type: none"> <li>• Products of wood, cork, straw and plaiting materials</li> <li>• Pulp, paper and paper products; printed matter and related articles; Stationery</li> <li>• Homeware and Tools</li> <li>• Glass and glass products and other non-metallic products</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Mechanical materials and gas appliances</b></p> <ul style="list-style-type: none"> <li>• Metal products, measuring devices, ceramic products, keys and locks</li> <li>• Pressure Devices and Equipment and their Accessories</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>



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<ul style="list-style-type: none"> <li>Gas Appliances and their Accessories; heaters, cookers, gas cylinders, stoves, hurricane lanterns etc.</li> </ul>	
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Building products</b></p> <ul style="list-style-type: none"> <li>Metals and their Alloys for constructions and buildings</li> <li>Welding Wire</li> <li>Insulating and Cladding Materials for Buildings</li> <li>Hydraulic links and related products</li> </ul>	<ul style="list-style-type: none"> <li>TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Building components</b></p> <ul style="list-style-type: none"> <li>Bricks, Tiles, Ceramics, and Sanitary Ware</li> <li>Tubes and Pipes used in water, electricity and Gas networks</li> <li>Doors and windows</li> <li>Blocks, Marble, Iron and steel bars and rods, Sanitary Appliances, Plumbing Fixtures, Sanitary Taps, Metals, Reinforcement Steel bars</li> </ul>	<ul style="list-style-type: none"> <li>TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Machinery and equipment</b></p> <ul style="list-style-type: none"> <li>Portable and Oriented Machines</li> <li>Wood Cutting Machines and Similar Materials</li> <li>Mobile Machines</li> <li>Drilling and Digging Machines</li> <li>General purpose machinery; Engines and turbines and parts thereof; Pumps, compressors, hydraulic and pneumatic power engines, and valves, and parts thereof</li> <li>Special purpose machinery; Agricultural or forestry machinery and parts thereof; Machine-tools and parts and accessories thereof; Machinery for metallurgy and parts thereof; Machinery for food, beverage and tobacco processing, and parts thereof; Machinery for textile, apparel and leather production, and parts thereof</li> <li>Lifting and handling equipment and parts thereof, Tower Cranes, Forklift, Scaffolding</li> <li>Electrical Lifts Used in Buildings and Facilities</li> </ul>	<ul style="list-style-type: none"> <li>TASH-II-034 VOC Inspection Manual</li> </ul>



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<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Environmental, health protection, safety</b></p> <ul style="list-style-type: none"> <li>• Fire Fighting Equipment and Materials</li> <li>• Fire alarms, heat/smoke/gas detectors, and similar products</li> <li>• Electronic security equipment/alarm and similar products</li> <li>• Personal protective equipment and clothing</li> <li>• Petroleum Products Transportation Tanks</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Electrical and electronic</b></p> <ul style="list-style-type: none"> <li>• Electric motors, generators and transformers, and parts thereof</li> <li>• Electricity distribution and control apparatus, and parts thereof</li> <li>• Insulated wire and cable, optical fibre cables</li> <li>• Electrical Batteries</li> <li>• Telecommunications Devices; Radio, television and communication equipment and apparatus</li> <li>• Low Voltage Electrical Equipment and Appliances</li> <li>• Household electrical appliances; Lighting product; Power tools; Shaving tools and hair care appliances</li> <li>• Electrical Accessories and components</li> <li>• Electronic Devices Used in Electronic Smoking Systems</li> <li>• Solar equipment, Photovoltaic</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Inspection of commissioning for wind turbine and wind turbine gearbox</p>	<ul style="list-style-type: none"> <li>• TASH-II-003 instruction for inspection of wind turbine installation and commissioning</li> <li>• TASH-II-008 Wind Turbine Gearbox Endoscope Inspection Instruction</li> </ul>
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Medical appliances, precision and optical instruments, watches and clocks</b></p> <ul style="list-style-type: none"> <li>• Medical and surgical equipment and orthopaedic appliances</li> <li>• Optical instruments and photographic equipment, and parts and accessories thereof</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>



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<ul style="list-style-type: none"> <li>• Watches and clocks, and parts thereof</li> </ul>	
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p><b>Transport equipment</b></p> <ul style="list-style-type: none"> <li>• Motor vehicles, Modified vehicles</li> <li>• Trailers and Semi-Trailers</li> <li>• Auto Spare Parts</li> <li>• Bodies (coachwork) for motor vehicles; trailers and semi-trailers; parts and accessories thereof</li> <li>• Ships</li> <li>• Pleasure and sporting boats</li> <li>• Railway and tramway locomotives and rolling stock, and parts thereof</li> <li>• Aircraft and spacecraft, and parts thereof</li> <li>• Electrical Vehicles</li> <li>• Electric Self-balancing Boards, Scooter; E-Bikes, Golf carts</li> <li>• Truck Barriers</li> <li>• Classification of Vehicle Workshops</li> <li>• Tires, Inner tubes, Wheels</li> <li>• Motorcycle and those with auxiliary motors, and side-cars</li> <li>• Bicycles, invalid carriages</li> <li>• Other cycles, not motorized, baby carriages</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-034 VOC Inspection Manual</li> </ul>
<p>Factory inspection at factory of welded unfired pressure vessels for the following inspection:</p> <ul style="list-style-type: none"> <li>- Design review</li> <li>- Raw materials</li> <li>- Fabrication</li> <li>- Welding inspection</li> <li>- Witness NDT</li> <li>- Heat treatment checking</li> <li>- Hydraulic testing witness</li> <li>- Marking</li> <li>- Sand blasting/paint/coating</li> <li>- Quantity</li> <li>- Final inspection/Pre-shipping</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-014 Unfired Pressure Vessel Inspection</li> </ul>
<p>Factory inspection at factory of welded boilers for the following inspection:</p> <ul style="list-style-type: none"> <li>- Design review</li> <li>- Raw materials</li> <li>- Fabrication</li> <li>- Welding inspection</li> <li>- Witness NDT</li> <li>- Heat treatment checking</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-040 Welded Boilers Inspection</li> </ul>



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<ul style="list-style-type: none"> <li>- Hydraulic testing witness</li> <li>- Marking</li> <li>- Sand blasting/paint/coating</li> <li>- Quantity</li> <li>- Final inspection/Pre-shipping</li> </ul>	
<p>Factory inspection at factory of steel structures for the following inspection:</p> <ul style="list-style-type: none"> <li>- Raw materials</li> <li>- Visual &amp; dimensional</li> <li>- Structure Fabrication</li> <li>- Welding</li> <li>- Bolt and riveted joint</li> <li>- Sand blasting/paint/coating</li> <li>- Marking</li> <li>- Final inspection/Pre-shipping</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-041 Steel Structure Inspection</li> </ul>
<p>Factory inspection at factory of tubes and pipes for the following inspection:</p> <ul style="list-style-type: none"> <li>- Raw materials</li> <li>- Visual &amp; dimensional</li> <li>- Tube &amp; Pipe Fabrication</li> <li>- Welding</li> <li>- Bolt and riveted joint</li> <li>- Rusting</li> <li>- Paint/coating</li> <li>- Marking</li> <li>- Final inspection/Pre-shipping</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-038 Tubes and Pipes Inspection</li> </ul>
<p>Factory inspection at factory of industrial valves for the following inspection:</p> <ul style="list-style-type: none"> <li>- Raw materials</li> <li>- Valve Fabrication</li> <li>- Welding</li> <li>- Heat treatment checking</li> <li>- Dimensional checking</li> <li>- Hydraulic Testing witness</li> <li>- Surface treatment checking</li> <li>- Quantity</li> <li>- Final inspection/Pre-shipping</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-013 Industrial Valves Inspection</li> </ul>
<p>Factory inspection at factory of fastener anchors for the following inspection:</p> <ul style="list-style-type: none"> <li>- Raw materials</li> <li>- Visual quality</li> <li>- Dimension check</li> <li>- Testing Witness</li> <li>- Quantity</li> <li>- Marking</li> <li>- Loading supervision checking</li> </ul>	<ul style="list-style-type: none"> <li>• TASH-II-039 Fastener Anchors Inspection</li> </ul>



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- Final inspection/Pre-shipping	
In-plant inspection at factory of boilers and pressure vessels for the following inspection: <ul style="list-style-type: none"><li>- Design review</li><li>- Raw materials</li><li>- Fabrication</li><li>- Welding inspection</li><li>- Heat treatment checking</li><li>- Hydraulic testing witness</li><li>- Marking</li><li>- Final inspection</li></ul>	<ul style="list-style-type: none"><li>• TASH-II-037 Work Instruction on Inspection of Boilers and Pressure Vessels to Be Registered with Ministry of Manpower in Singapore.</li></ul>

