



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

International Accreditation Service, Inc.

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TUV AUSTRIA (SHANGHAI) CO., LTD.

<http://cn.tuvaustria.com>

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

AA-810

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



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



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



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



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



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



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

