



CERTIFICATE OF ACCREDITATION

This is to attest that

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 July 5, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

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 July 5, 2024

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; Waters (including natural or artificial mineral water and aerated waters);	<ul style="list-style-type: none">• TASH-II-034 VOC Inspection Manual

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
<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"> • Beauty and make-up products; Preparations for oral or dental hygiene; Personal deodorants and 	<ul style="list-style-type: none"> • TASH-II-034 VOC Inspection Manual

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
<p>antiperspirants; Air fresheners and perfumed preparations;</p> <ul style="list-style-type: none"> • Soap and washing preparations used as soap; • Toilet paper and similar paper; • Babies wipe; Sanitary napkins; Diapers; Sanitary pads 	
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p>Furniture, jewelry and musical instrument</p> <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
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p>Toys, sports, fitness, recreation and health equipment</p> <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
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p>Other transportable goods, consumer goods</p> <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
<p>Pre-shipment inspection, Determination of quantity, Verification of conformity on labeling and Marking of</p> <p>Mechanical materials and gas appliances</p> <ul style="list-style-type: none"> • Metal products, measuring devices, ceramic products, keys and locks; • Pressure Devices and Equipment and their Accessories; • Gas Appliances and their Accessories; heaters, cookers, gas cylinders, stoves, hurricane lanterns etc. 	<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>	<ul style="list-style-type: none"> • TASH-II-034 VOC Inspection Manual

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
<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 	
<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
<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; 	<ul style="list-style-type: none"> • TASH-II-034 VOC Inspection Manual

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
<ul style="list-style-type: none"> • 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 	
<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; • Instruments and appliances for measuring, checking, testing, navigating and other purposes; • Optical instruments and photographic equipment, and parts and accessories thereof • Watches and clocks, and parts thereof 	<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>	<ul style="list-style-type: none"> • TASH-II-034 VOC Inspection Manual

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
<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 	
<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 - Hydraulic testing witness - Marking - Sand blasting/paint/coating - Quantity - Final inspection/Pre-shipping 	<ul style="list-style-type: none"> • TASH-II-040 Welded Boilers Inspection

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<p>Factory inspection at factory of steel structures for the following inspection:</p> <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
<p>Factory inspection at factory of tubes and pipes for the following inspection:</p> <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
<p>Factory inspection at factory of industrial valves for the following inspection:</p> <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
<p>Factory inspection at factory of fastener anchors for the following inspection:</p> <ul style="list-style-type: none"> - Raw materials - Visual quality - Dimension check - Testing Witness - Quantity - Marking - Loading supervision checking - Final inspection/Pre-shipping 	<ul style="list-style-type: none"> • TASH-II-039 Fastener Anchors Inspection
<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 	<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.

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<ul style="list-style-type: none">- Welding inspection- Heat treatment checking- Hydraulic testing witness- Marking- Final inspection	