

Catalogue of Foreign Investment Industries

Guidance directory

A、 Agriculture, forestry, animal husbandry and fishery

1. Planting, development and production of woody edible oil, seasoning and industrial raw materials
2. Cultivation technology development and product production of green and organic vegetables (including edible fungi and melon), dry and fresh fruits and tea
3. Development of new cultivation technologies and product production of crops such as sugar, fruit trees and forages
4. Flower production and construction and management of nursery base
5. Rubber, oil palm, sisal and coffee planting
6. Planting and breeding of traditional Chinese Medicine
7. Comprehensive utilization of crop straw resources and development of organic fertilizer resources
8. Aquatic seedling breeding (excluding precious and fine varieties unique to China)
9. Construction and operation of eco-environmental protection projects such as planting trees and grass to prevent desertification and soil erosion
10. Aquaculture of aquatic products, deep-water cage aquaculture, industrialized aquaculture, ecological marine aquaculture II. Mining industry
11. Exploration and development of oil and natural gas and utilization of mine gas
12. Improving crude oil recovery (in the form of Engineering Service) and the development and application of related new technologies

13. Development and application of new oil exploration and development technologies such as geophysical prospecting, drilling, logging, logging and down hole operation

14. Development and application of new technology to improve the utilization rate of mine tailings and comprehensive application of mine ecological restoration technology

15. Exploration, mining and beneficiation of scarce minerals (such as potash, chromite, etc.) in China III. Manufacturing

(1) Agricultural and sideline food processing industry

16. Development and production of safe, efficient and environment-friendly feed and feed additives (including methionine)

17. Aquatic products processing, shellfish purification and processing, seaweed health food development

18. Processing of vegetables, dried and fresh fruits, poultry and livestock products

(2) Food manufacturing

19. Development and production of infant formula food, formula food for special medical purposes and health food

20. Processing of forest agricultural products

21. Development and production of new technologies for natural food additives and natural flavors

(3) Wine, beverage and refined tea manufacturing

22. Development and production of fruit and vegetable drinks, protein drinks, tea drinks, coffee drinks and plant drinks

(4) Textile industry

23. Light weight, high strength, high / low temperature resistance and chemical resistance with non woven, woven, knitted and composite technology Production of multi-functional industrial textiles such as chemical materials and light resistance

24. Dyeing and finishing of high-grade fabrics with advanced energy-saving and emission reduction technologies and equipment

25. Special natural fibers (including cashmere and other special animals) meeting the requirements of ecology, comprehensive utilization of resources and environmental protection. Fiber, bamboo fiber, hemp fiber, silk, colored cotton, etc.) product processing

(5) Textile and garment industry

26. Garment production using computer integrated manufacturing system

27. Production of functional special clothing

(6) Leather, fur, feather and their products and shoe making industry

28. Clean processing technology of leather and fur

29. Leather finishing new technology processing

30. Comprehensive utilization of leather waste

(7) Wood processing and wood, bamboo, rattan, palm and grass products

31. Development and production of new technologies and products for the comprehensive utilization of "secondary, small and fuelwood" and bamboo

(8) Culture and education, industrial beauty, sports and entertainment products manufacturing

32. Production of high-grade carpet, embroidery and drawnwork products

- (9) Petroleum processing, coking and nuclear fuel processing industry
33. Phenol oil processing, washing oil processing, high-end utilization of coal asphalt (excluding modified asphalt)
- (10) Chemical raw materials and chemical products manufacturing
34. Development and production of new downstream products of PVC and silicone
35. Supporting raw materials for synthetic materials: propylene oxide by hydrogen peroxide oxidation and chloropropene by hydrogen peroxide oxidation
Process epichlorohydrin, dimethyl naphthalate (NDC), 1,4-cyclohexanedimethanol (CHDM), 50000 TONS / ANNUAL Production of adiponitrile and hexanediamine by butadiene process and above
36. Synthetic fiber raw materials: Nylon 66 salt and 1,3-propanediol production
37. Synthetic rubber: polyurethane rubber, acrylate rubber, chlorohydrin rubber, fluororubber, silicone rubber, etc Rubber production
38. Engineering plastics and plastic alloys: 60000 TONS / ANNUAL and above non phosgene polycarbonate (PC) and homopolymerization polymethylmethacrylate Aldehyde, polyphenylene sulfide, peek, polyimide, polysulfone, polyethersulfone, polyarylene ester (PAR), polyphenylene ether and its modified materials, liquid crystal polymers and other products
39. Fine chemicals: new products and technologies of catalysts, commercialized processing technology of dyes (pigments), electronic chemicals and Papermaking chemicals, leather chemicals (except N-N dimethylformamide), oilfield additives, surfactants, water Processing agent, adhesive, inorganic fiber, inorganic

nano material production, pigment coating treatment, deep processing

40. Production of water-based inks, electron beam curing, UV curing and other low volatile inks and environmental friendly organic solvents

41. Production of natural flavor, synthetic flavor and isolated flavor

42. Production of high-performance coatings, high solids, solvent-free coatings, waterborne industrial coatings and supporting waterborne resins

43. High performance fluorine resin, fluorine membrane materials, medical fluorine-containing intermediates, environment-friendly fluorine-containing refrigerants and cleaning materials Agent and foaming agent production

44. Recovery of fluorine resources from phosphorus chemical industry and aluminum smelting

45. Development and production of new technologies and new products of forestry chemical products

46. Development and production of inorganic, organic and biofilm for environmental protection

47. Development and production of new fertilizers: high concentration potassium fertilizer, compound microbial inoculant, compound microbial fertilizer

Straw and garbage decomposition agent, special functional microbial preparation

48. Development and application of new pesticide varieties, new dosage forms, special intermediates and additives with high efficiency, safety and environmental friendliness

Production, as well as the development and application of relevant cleaner production processes (methamphetamine, chlorpyrifos process in aqueous phase

Glyphosate recovery of methyl chloride process, directional synthesis, chiral and three-dimensional pesticide production, ethyl chloride synthesis (Technology)

49. Development and production of biological pesticides and biological control products: microbial insecticides, microbial fungicides and agricultural anti-bacterial agents Biotin, insect pheromone, natural enemy insect, microbial herbicide

50. Comprehensive utilization, treatment and disposal of waste gas, waste liquid and waste residue

51. Production of organic polymer materials: aircraft skin coating, rare earth cerium sulfide red dye, lead-free electronic packaging Material, special series

photolithography slurry for color plasma display screen, small diameter and large specific surface area microfiber, high Precision fuel filter paper, lithium ion battery diaphragm, surface treatment self-healing material, superhydrophobic nano coating material

(11) Pharmaceutical manufacturing

52. Production of new compound drugs or active ingredient drugs (including APIs and preparations)

53. Amino acids: production of tryptophan, histidine and methionine by fermentation

54. Development and production of new anticancer drugs, new cardiovascular and cerebrovascular drugs and new nervous system drugs

55. Production of new drugs using bioengineering technology

56. new vaccines such as AIDS vaccine, hepatitis C vaccine, contraceptive vaccine and cervical cancer, malaria, hand foot mouth disease and so on.

57. Development and production of marine drugs
 58. Pharmaceutical preparations: production of new dosage forms and products using new technologies such as sustained-release, controlled-release, targeting and transdermal absorption
 59. Development and production of new pharmaceutical excipients
 60. Production of antibacterial APIs for animals (including antibiotics and chemical synthesis)
 61. Production of new products and dosage forms of veterinary antibiotics, anthelmintics, insecticidal drugs and anticoccidial drugs
 62. Development and production of new diagnostic reagents
- (12) Chemical fiber manufacturing
63. Differentiated chemical fiber, aramid fiber, carbon fiber, high strength and high modulus polyethylene, polyphenylene sulfide (PPS) and other high and new technologies
- Production of technical chemical fiber (except viscose fiber)
64. Production of new polyester for fiber and non fiber: Polypropylene terephthalate (PTT), polyethylene terephthalate Polyethylene terephthalate modified by polyethylene glycol ester (pen), polycyclohexane dimethyl terephthalate (PCT), diol Glycol ester (PETG)
 65. Use new renewable resources and green environmental protection processes to produce biomass fibers, including new solvent cellulose Lyocell fiber, regenerated cellulose fiber with bamboo and hemp as raw materials, polylactic acid fiber (PLA),

shell Vegetable fiber, polyhydroxyfatty acid ester fiber (PHA), animal and plant protein fiber, etc

66. Nylon 11, nylon 12, nylon 1414, nylon 46, long carbon chain nylon, high temperature resistant nylon, etc Development and production of polyamide

67. Production of aramid fiber and cord for radial tire

(13) Rubber and plastic products industry

68. Development and production of new Photoecological multifunctional wide agricultural film

69. Recycling and reuse of waste plastics

70. Development and production of new technologies and products (high barrier, multifunctional film and raw materials) for plastic flexible packaging

(14) Non metallic mineral products industry

71. Development and production of energy-saving, environmental protection, waste utilization, light, high-strength, high-performance and multifunctional building materials

72. Production of energy-saving and efficient chemical building materials with plastics instead of steel and wood

73. Production of elastomer and plastic modified asphalt waterproof coiled materials with an annual output of 10 million square meters and above, wide (more than 2m) EPDM waterproof coiled materials and supporting materials, wide (more than 2m) PVC waterproof coiled materials and thermoplastic polyolefin (TPO) waterproof coiled materials

74. Development and production of new technology functional glass: electromagnetic wave shielding glass, glass substrate for microelectronics, infrared ray transparent lead-free chalcogenide glass and products, electronic large-size quartz glass products (tubes, plates, crucibles, instruments, etc.), multifunctional windshield glass with excellent optical performance, extreme materials and products for information technology (including waveguide grade high-precision glass) Optical fiber preform (quartz glass sleeve and ceramic substrate), purification and processing of high purity ($\geq 99.998\%$) and ultrapure ($\geq 99.999\%$) crystal raw materials
75. Production of thin film battery conductive glass, solar collector glass and building conductive glass
76. Production of glass fiber products and special glass fibers: low dielectric glass fibers, quartz glass fibers, high silica glass fibers, high strength and high elasticity glass fibers, ceramic fibers and their products
77. Production of optical fiber and products: image beam and laser medical optical fiber, super second and third generation microchannel plates, optical fiber panels, imagers and glass cones
78. Standardized refining of ceramic raw materials and production of high-grade decorative materials for ceramics
79. Production of environmentally friendly (chromium free) refractories for kilns such as cement, electronic glass, ceramics and microporous carbon bricks
80. Porous ceramic production
81. Production of inorganic non-metallic new materials and products: composite

materials, special ceramics, special sealing materials (including high-speed oil seal materials), special friction materials (including high-speed friction braking products), special cementitious materials, special latex materials, underwater acoustic rubber products and nano materials

82. organic inorganic composite foam insulation material production

83. Production of high-tech composites: continuous fiber reinforced thermoplastic composites and prepregs, process auxiliary materials for molding resin matrix composites with temperature resistance $> 300\text{ }^{\circ}\text{C}$, resin matrix composites (including sporting goods, light and high-strength vehicle parts), special functional composites and products (including deep-water and diving composite products, medical products) And rehabilitation composite materials and products), carbon / carbon composite materials, high-performance ceramic matrix composite materials and products, metal matrix and glass matrix composite materials and products, metal layered composite materials and products, ultra-high pressure composite rubber hose with pressure $\geq 320\text{MPa}$, aviation tire of large passenger aircraft

84. Production of precision high-performance ceramic raw materials: silicon carbide (SiC) ultrafine powder (purity $> 99\%$, average particle size 99% , average particle size 99.9% , average particle size $< 0.5\ \mu\text{m}$) Low temperature sintered zirconia (ZrO_2) powder (sintering temperature 99%), Average particle size 98.5% , white carbon black (particle size 99% , particle size $< 1\ \mu\text{m}$)

85. Development and production of high-quality synthetic crystal and crystal film products: high-quality synthetic crystal (piezoelectric crystal and UV transparent

crystal), superhard crystal (cubic boron nitride crystal), high-temperature resistant and high insulation synthetic insulating crystal (synthetic mica), new electro-optic crystal, high-power laser crystal, large-size scintillation crystal and diamond film

Ultra thin artificial diamond saw blade with thickness of 0.3mm and below

86. Fine processing of non-metallic minerals (ultra-fine grinding, high purity, refining and modification)

87. Production of ultra-high power graphite electrode

88. Pearlescent Mica production (particle size 3-150) μ m)

89. Production of multidimensional and multidirectional woven fabrics and profiling fabrics

90. Harmless disposal of solid waste using new dry process cement kiln

91. Recycling of construction waste

92. Comprehensive utilization of industrial wastes such as industrial by-product gypsum

93. Development and application of new technologies for comprehensive utilization of non-metallic mine tailings and mine ecological restoration

(15) Nonferrous metal smelting and calendering industry

94. Production of silicon single crystal and polished wafer with diameter above 200mm

95. Production of high-tech non-ferrous metal materials: compound semiconductor materials (gallium arsenide, gallium phosphide, indium phosphide and gallium nitride), high temperature superconducting materials, memory alloy materials (titanium nickel,

copper and iron based memory alloy materials), ultra-fine (nano) calcium carbide and ultra-fine (nano) crystal cemented carbide, superhard composite materials, precious metal composite materials and light gold

It is a combination of composite materials and dissimilar materials, aluminum foil for radiator, aluminum foil for medium and high voltage cathode capacitor, special large aluminum alloy profiles, aluminum alloy precision die forgings, overhead conductor of electrified railway, ultra-thin copper strip, copper alloy material for corrosion-resistant heat exchanger, high-performance copper nickel, copper iron alloy strip, beryllium copper strip, wire, pipe and rod processing materials, high-temperature and anti-aging tungsten wire and magnesium alloy castings, Lead-free solder, magnesium alloy and its application products, foam aluminum, titanium alloy smelting and processing, atomic energy level sponge zirconium, tungsten and molybdenum deep processing products

(16) Metal products industry

96. R & D and manufacturing of lightweight and environment-friendly new materials for aviation, aerospace, automobile and motorcycle (special aluminum plate, aluminum magnesium alloy material, motorcycle aluminum alloy frame, etc.)

97. R & D and manufacturing of light metal semi-solid rapid prototyping materials

98. Manufacturing and processing of metal packaging products (complete products with container wall thickness less than 0.3mm) used to package various grain, oil, food, fruits and vegetables, beverages, daily chemical products and other contents (including internal and external wall printing and coating processing of products)

99. Manufacture of nickel saving stainless steel products
- (17) General equipment manufacturing
100. Manufacturing of high-grade CNC machine tools and key parts: five axis linkage CNC machine tools, CNC coordinate boring and milling machining center, CNC coordinate grinder
101. Manufacturing of 1000 ton and above multi station upsetting forming machine
102. Manufacturing of dismantling, crushing and post-treatment sorting equipment for end-of-life vehicles
103. FTL flexible production line manufacturing
104. Manufacturing of vertical multi joint industrial robot, welding robot and its welding device and equipment
105. Manufacturing of submicron superfine pulverizer
106. Manufacturing of wheel and crawler cranes of 400 tons and above
107. Design and manufacture of high-pressure plunger pump and motor with working pressure $\geq 35\text{MPa}$ and low-speed high torque motor with working pressure $\geq 35\text{MPa}$
108. Integral hydraulic multi-channel valve with working pressure $\geq 25\text{MPa}$, manufactured by electro-hydraulic proportional servo element
109. Design and manufacture of valve island, pneumatic solenoid valve with power below 0.35w and high frequency electric control valve above 200Hz
110. Design and manufacture of hydrostatic driving device
111. Development and manufacture of non-contact gas film seal with pressure above

- 10MPa and dry gas seal with pressure above 10MPa (including experimental device)
112. Development and manufacturing of automotive polymer materials (friction plate, modified phenolic piston, non-metallic hydraulic master cylinder, etc.)
113. Manufacturing of wheel hub bearings of third generation and above cars, bearings of high and medium grade CNC machine tools and machining centers, bearings of high-speed wire and plate mills, high-speed railway bearings, low-noise bearings with vibration value below Z4, P4 and P2 bearings of various bearings, wind turbine bearings and aviation bearings
114. Manufacturing of powder metallurgy parts with high density, high precision and complex shape and chains for automobiles and construction machinery
115. Manufacturing of gear transmissions for wind power and high-speed trains, marine variable propeller gear transmission systems, and large and heavy-duty gear boxes
116. Manufacture of high temperature resistant insulating materials (insulation grades F and H) and insulating molded parts
117. Development and manufacture of rubber and plastic seals for accumulator capsules and hydraulic gas
118. Manufacturing of high precision, high strength (above grade 12.9), special-shaped and combined fasteners
119. Manufacturing of micro precision transmission coupling (clutch)
120. Manufacturing of connecting shaft of large rolling mill
121. Remanufacturing of machine tools, engineering machinery, railway locomotive

equipment and other mechanical equipment, remanufacturing of auto parts, remanufacturing of key components of medical imaging equipment, and remanufacturing of office equipment such as copiers

122. Development and manufacture of digital cameras with more than 10 million pixels or horizontal field of view angle of more than 120 degrees and their optical lenses and photoelectric modules

123. Manufacturing of office machinery (including industrial use): multifunctional integrated office equipment (copy, printing, fax, scanning), printing equipment, high-resolution color printer head with accuracy of 2400dpi or above, photosensitive drum

124. Film machinery manufacturing: 2k and 4K digital film projectors, digital film cameras, digital image production and editing equipment

(18) Special equipment manufacturing

125. Manufacture of trackless mining, loading and transportation equipment: mining dump truck with mechanical transmission of 200 tons and above, mobile crusher, bucket wheel excavator with capacity of 5000 m³ / h and above, mining loader with capacity of 8 m³ and above, electric traction shearer with capacity of 2500 kW and above, etc

126. Manufacturing of geophysical prospecting (excluding gravity and magnetic measurement) and logging equipment: MEME geophone, digital telemetry seismograph, digital imaging and numerical control logging system, horizontal well, directional well, drilling rig devices and tools, MWD logging tool while drilling

127. Manufacturing of petroleum exploration, drilling and gathering equipment:

floating drilling system and floating production system with working water depth greater than 1500 meters and supporting seabed oil production and gathering equipment

128. Manufacturing of large-diameter rotary drilling rig with diameter of more than

2m and depth of more than 30m, pipe jacking machine with diameter of more than

1.2m, complete sets of large-scale trenchless underground pipeline laying equipment

with pullback force of more than 300 tons, and underground diaphragm wall

construction rig

129. Design and manufacture of large bulldozers with 520 horsepower and above

130. Design and manufacture of dredging devices for desilters of 100 m³ / h and

above and dredgers of 1000 tons and above

131. Design and manufacture of construction equipment for concrete cut-off wall for

flood control dam

132. Manufacture of underwater earthwork construction machinery: bulldozers,

loaders, excavators, etc. with a water depth of less than 9m

133. Manufacture of highway and bridge maintenance and automatic detection

equipment

134. Equipment manufacturing of highway tunnel operation monitoring, ventilation,

disaster prevention and rescue system

135. Design and manufacture of large-scale railway construction, railway line, bridge

and tunnel maintenance machinery, inspection and monitoring equipment and their

key parts

136. Manufacturing of metal roof production equipment such as asphalt felt tile equipment and galvanized steel plate

137. Environmental protection and energy-saving on-site spraying polyurethane waterproof and thermal insulation system equipment, polyurethane sealing paste preparation technology and equipment, modified silicone sealing paste preparation technology and production equipment manufacturing

138. Design and manufacture of high precision strip mill (thickness accuracy 10 microns)

139. Manufacturing of beneficiation devices for multi-element, fine-grained and refractory metal minerals

140. Manufacturing of key equipment in the complete set of ethylene equipment with an annual processing capacity of 1 million tons / year and above: mixing granulator with an annual processing capacity of more than 400000 tons, spiral discharge centrifuge with a diameter of 1000 mm and above, small flow and high head centrifugal pump

141. Design and manufacture of metal product molds (extrusion molds for tubes, rods and profiles of copper, aluminum, titanium and zirconium)

142. Design and manufacture of stamping dies for automobile body outer panels, large injection molds for automobile instrument panels and bumpers, and clamps and inspection tools for automobiles and motorcycles

143. Design and manufacture of special production equipment for automobile power

battery

144. Design and manufacture of precision die (precision of stamping die is higher than 0.02mm and precision of cavity die is higher than 0.05mm)

145. Mold design and manufacturing of non-metallic products

146. Beer filling equipment with 60000 bottles / hour and above, medium temperature and hot filling equipment for beverages with 50000 bottles / hour and above

Manufacturing of sterile filling equipment with 36000 bottles / hour and above

147. Production technology and key equipment manufacturing of amino acids, enzyme preparations, food additives, etc

148. Manufacturing of complete sets of feed processing equipment and key components with a capacity of 10 t / h and above

149. Manufacturing of light corrugated board and carton equipment with corrugated height of 0.75 mm and below

150. Sheet fed multi-color offset press (width \geq 750mm, printing speed: single side multi-color \geq 16000 sheets / small - 10- Double sided multicolor (\geq 13000 sheets / hour) manufacturing

151. The printing speed of single web and single path web lithography press is greater than 75000 folio / h (787) \times 880 mm), double web single path web lithography press, printing speed greater than 170000 folio / h (787 \times 880 mm), the printing speed of commercial web lithography press is greater than 50000 pairs of sheets / hour (787 \times 880 mm)

152. Multi color wide width flexographic printing machine (printing width \geq 1300

mm, printing speed ≥ 350 m / s), inkjet digital printing machine (for publishing: printing speed ≥ 150 m / min, resolution ≥ 600 DPI; For packaging: printing speed ≥ 30 m / min, resolution ≥ 1000 dpi; For variable data: printing speed ≥ 100 M / min, resolution ≥ 300 dpi)

153. Computer ink pre adjustment, ink remote control, ink speed tracking, automatic detection and tracking system of printing quality, shaftless transmission technology, high-speed automatic paper receiving machine with a speed of 75000 sheets / hour, paper feeder and high-speed folding machine with automatic remote control adjustment, automatic overprint system, cooling device, silicon adding system, deviation adjustment device, etc make

154. Manufacture of electron gun automatic coating machine

155. Deep processing technology and equipment manufacturing of flat glass

156. Manufacturing of complete sets of equipment such as new paper machinery (including pulp)

157. Manufacture of new technology and equipment for leather finishing

158. Development and manufacturing of new equipment for processing and storage of agricultural products: new equipment for processing, storage, preservation, grading, packaging and drying of grain, oil, vegetables, dry and fresh fruits, meat food, aquatic products and other products, agricultural product quality testing instruments and equipment, agricultural product quality non-destructive testing instruments and equipment, rheometer, powder meter, ultra-fine crushing equipment, high-efficiency dehydration equipment, High efficiency fruit juice concentration equipment with more

than five effects, powder food material sterilization equipment, solid and semi-solid food aseptic packaging equipment, disc separation centrifuge

159. Agricultural machinery manufacturing: agricultural facilities and equipment (greenhouse automatic irrigation equipment, nutrient solution automatic allocation and fertilization equipment, efficient vegetable seedling raising equipment, soil nutrient analysis instrument), tractors with engine power of more than 200 kW and supporting agricultural tools, diesel engines with low fuel consumption, low noise and low emission, and large tractors with residual fog particles

The sprayer, the high-performance rice transplanter, the cotton picker and the cotton picking stage are suitable for various types of row spacing, self-propelled corn combine harvesters (hydraulic or mechanical drive), peanut harvesters, rapeseed harvesters, sugarcane harvesters, beet harvesters.

160. Manufacturing of new technology and equipment for forestry machinery and tools

161. Manufacturing of equipment for collecting, bundling and comprehensive utilization of crop straw

162. Resource utilization of agricultural waste and manufacturing of large-scale resource utilization equipment of livestock and poultry breeding waste

163. Manufacturing of fertilizer saving, medicine saving and water-saving agricultural technical equipment

164. Manufacturing of electromechanical well cleaning equipment and cleaning drug production equipment

165. Manufacture of electronic endoscope
166. Manufacture of fundus camera
167. Manufacturing of key components of medical imaging equipment (high field superconducting magnetic resonance imaging equipment, X-ray computed tomography equipment, digital color ultrasound diagnostic equipment, etc.)
168. Manufacturing of medical ultrasonic transducer (3D)
169. Manufacturing of boron neutron capture therapy equipment
170. Manufacturing of image guided intensity modulated radiotherapy system
171. Manufacture of hemodialysis machine and blood filter
172. Automatic biochemical monitoring equipment, five classification blood cell analyzer and automatic chemiluminescence immunoassay
Manufacturing of high-throughput gene sequencing system
173. Manufacturing of new technologies and equipment for drug quality control
174. Development and manufacture of new technologies, new extraction processes and new equipment for the analysis of effective substances of natural drugs
175. Manufacturing of multi-layer co extrusion water-cooled film blowing equipment for non PVC medical infusion bags
176. Development and manufacture of new textile machinery, key components and textile testing and experimental instruments
177. Manufacture of computerized jacquard artificial fur machine
178. Manufacturing of special equipment for solar cell production
179. Manufacturing of air pollution prevention and control equipment: high

temperature and corrosion resistant filter material, low NO_x combustion device, flue gas denitrification catalyst and denitrification complete set, flue gas desulfurization equipment, flue gas dust removal equipment, industrial organic waste gas purification equipment, diesel vehicle exhaust purification device and waste gas treatment device containing heavy metals

180. Manufacturing of water pollution prevention and control equipment: horizontal spiral centrifugal dehydrator, membrane and membrane materials, ozone generator above 50kg / h, chlorine dioxide generator above 10kg / h, ultraviolet disinfection device, rural small domestic sewage treatment equipment and wastewater treatment device containing heavy metals

181. Manufacturing of solid waste treatment and disposal equipment: sludge disposal and resource utilization equipment and daily treatment equipment of sewage treatment plant Complete sets of waste incineration equipment with a capacity of more than 500 tons, landfill leachate treatment technical equipment and landfill site

Impervious geomembrane, construction waste treatment and resource utilization equipment, hazardous waste treatment device and landfill Biogas power generation device, waste steel treatment equipment, contaminated soil remediation equipment

182. Development and manufacturing of red mud comprehensive utilization equipment for aluminum industry

183. Manufacturing of tailings comprehensive utilization equipment

184. Manufacture of recycling equipment for waste plastics, electrical appliances, rubber and batteries

185. Manufacturing of waste textile recycling equipment
186. Remanufacturing equipment for waste mechanical and electrical products
187. Manufacturing of waste tire comprehensive utilization device
188. Environmental protection technology and equipment manufacturing of aquatic ecosystem
189. Manufacturing of mobile combined water purification equipment
190. Unconventional water treatment and reuse equipment and water quality monitoring instruments
191. Leakage detection equipment and instruments for industrial water pipe networks and equipment (appliances)
192. Development and manufacturing of seawater desalination and circulating cooling technology and complete sets of equipment with a daily output of 100000 cubic meters or more
193. Manufacturing of special meteorological observation and analysis equipment
194. Development of seismic stations, networks and mobile seismic observation technology systems and manufacturing of instruments and equipment
195. Manufacturing of radial tire forming machine with four drums and above
196. Manufacturing of rolling resistance testing machine and tire noise Laboratory
197. Manufacturing of new technology equipment for heating metering and temperature control devices
198. Manufacture of hydrogen energy preparation, storage and transportation equipment and inspection system

199. New heavy residue gasification atomizer, high efficiency steam trap with steam leakage rate of 0.5% and below, 1000 °C and Manufacturing of above high temperature ceramic heat exchanger

200. Manufacture of offshore oil spill recovery unit

201. Manufacturing of low concentration coal mine gas and exhaust air utilization equipment

202. Development and utilization of clean coal technology products and equipment manufacturing (coal gasification, liquefaction, coal water slurry, industrial type Coal)

203. Large public buildings, high-rise buildings, petrochemical facilities, forests, mountains, waters and underground facilities Fire fighting and rescue technology development and equipment manufacturing

204. Manufacturing of intelligent emergency medical rescue equipment

205. Manufacture of hydrological monitoring sensors

(19) Automobile manufacturing

206. Construction of automobile engine manufacturing and engine R & D institutions: gasoline engines with a power rise of not less than 70 kW, diesel engines with a displacement of less than 3 L with a power rise of not less than 50 kW, diesel engines with a displacement of more than 3 L with a power rise of not less than 40 kW, fuel cells, mixed fuels and other new energy engines

207. Manufacturing of key automobile parts and research and development of key technologies: dual clutch transmission (DCT), continuously variable transmission

(CVT), electronically controlled mechanical transmission (AMT), gasoline engine turbocharger, viscous coupling (for four-wheel drive), automatic transmission actuator (solenoid valve), hydraulic retarder, eddy current retarder, gas generator for automobile airbag Fuel common rail injection technology (the maximum injection pressure is greater than 2000 PA), variable cross-section Turbocharging Technology (VGT), variable nozzle Turbocharging Technology (VNT), engine emission control device meeting China's phase V pollutant emission standard, intelligent torque management system (ITM) and coupler assembly, and wire controlled rotor Steering system, particle trap, special axle for low floor large bus, energy absorbing steering system, variable frequency air conditioning system for large and medium-sized bus, special rubber accessories for automobile, as well as key parts and components of the above parts and components

208. Manufacturing and R & D of automotive electronic devices: engine and chassis electronic control system and key parts, on-board electronic technology (automotive information system and navigation system), automotive electronic bus network technology, input (sensor and sampling system) and output (actuator) components of electronic control system, electronic controller of electric power steering system, embedded In electronic integrated system, electronically controlled air spring, electronically controlled suspension system, electronic valve system device, electronic combination instrument, ABS / TCS / ESP system, circuit braking system (bbw), transmission electronic control unit (TCU), tire pressure monitoring system (TPMS), on-board fault diagnosis instrument (OBD), engine anti-theft system, automatic

collision avoidance system, automobile Detection system for motorcycle type test and maintenance

209. Manufacturing of key parts of new energy vehicles: battery diaphragm (thickness 15-40) μ m. Porosity 40% - 60%); Battery management system, motor management system, electric vehicle electronic control integration; Electric vehicle drive motor (peak power density $\geq 2.5\text{kw/kg}$, high efficiency area: 65%, working area efficiency $\geq 80\%$), vehicle DC / DC (input voltage 100v-400v), high-power electronic devices (IGBT, voltage level $\geq 600\text{V}$, current $\geq 300\text{A}$); Plug in hybrid electromechanical coupling drive system; Fuel cell low platinum catalyst, composite membrane, membrane electrode, humidifier control valve, air compressor, hydrogen circulating pump, 70MPa hydrogen bottle Manufacturing of railway, ship, aerospace and other transportation equipment

210. Manufacture of emission control devices for large displacement (displacement > 250ml) motorcycle engines that meet the pollutant emission standard of the fourth stage of China's motorcycles

211. Design, manufacture and maintenance of civil aircraft: trunk line, branch line aircraft and general-purpose aircraft

212. Manufacturing and maintenance of civil aircraft parts

213. Design and manufacture of civil helicopters

214. Manufacturing of civil helicopter parts

215. Manufacture of ground and surface effect vehicles and design and manufacture of UAVs and aerosols

216. Design, manufacture and maintenance of aeroengines and parts, and aviation auxiliary power systems
217. Design and manufacture of civil aviation airborne equipment
218. Aviation ground equipment manufacturing: civil airport facilities, civil airport operation support equipment, flight test ground equipment, flight simulation and training equipment, aviation test and measurement equipment, aviation ground test equipment, airborne equipment comprehensive test equipment, special equipment for aviation manufacturing, special equipment for aviation material trial production, civil aircraft ground equipment Receiving and application equipment, launch vehicle ground test equipment, launch vehicle mechanics and environmental test equipment
219. Civil satellite design and manufacturing, civil satellite payload manufacturing
220. Manufacturing of civil satellite parts
221. Manufacturing of on-board product testing equipment
222. Design of luxury cruise ships and deepwater (above 3000 meters) offshore engineering equipment
223. Design of marine low and medium speed diesel engines and their parts and components
224. Design of ship cabin machinery
225. Design of ship communication and navigation equipment
226. Yacht design
- (21) Electrical machinery and equipment manufacturing
227. Manufacturing of key auxiliary equipment for 1 million KW ultra supercritical

thermal power units: safety valve and regulating valve

228. Manufacturing of sintering machine denitration technology and equipment in iron and steel industry

229. Design and manufacture of seals for thermal power equipment

230. Manufacture of large castings and forgings for coal-fired power station and hydropower station equipment

231. Manufacture of key auxiliary equipment for hydropower units

232. Manufacturing of power transmission and transformation equipment

233. Manufacturing of complete sets of new energy power generation equipment or key equipment: photovoltaic power generation, geothermal power generation, tidal power generation, wave power generation, garbage power generation, biogas power generation, wind power generation equipment of 2.5 MW and above

234. Manufacturing of Stirling generator set

235. Development and manufacture of linear and planar motors and their drive systems

236. Manufacturing of high-tech green batteries: power nickel hydrogen batteries, zinc nickel batteries, zinc silver batteries, lithium-ion batteries, solar cells, fuel cells, etc. (except energy power batteries of new energy vehicles)

237. The motor adopts the compressor for refrigeration and air conditioning with DC speed regulation technology, the compressor for refrigeration and air conditioning with CO₂ natural working medium, and the refrigeration and air conditioning equipment with renewable energy (air source, water source and ground source)

238. Manufacturing of solar air conditioning, heating system and solar drying device
239. Manufacturing of biomass drying and pyrolysis system and biomass gasification unit
240. Manufacturing of AC frequency modulation and voltage regulation traction device, computer, communication and other electronic equipment
241. Manufacture of high-definition digital camcorders and digital playback equipment
242. Manufacturing of flat panel displays and display materials such as TFT-LCD, PDP and OLED (excluding TFT-LCD glass substrates of generation 6 and below)
243. Large screen color projection display is manufactured with key parts such as optical engine, light source, projection screen, high-definition projection tube and micro display projection equipment module
244. Manufacture of digital audio and video codec equipment, digital radio and television studio equipment, digital cable television system equipment, digital audio broadcasting transmitting equipment, digital television up-down converter, digital television terrestrial broadcasting single frequency network (SFN) equipment, satellite digital television uplink station equipment
245. Integrated circuit design, manufacturing of large-scale digital integrated circuits with line width of 28 nm and below, manufacturing of analog and digital analog integrated circuits with line width of 0.11 micron and below, manufacturing of MEMS and compound semiconductor integrated circuits, and advanced packaging and testing of BGA, PGA, FPGA, CSP, MCM, etc

246. Manufacturing of large and medium-sized electronic computers, trillion times high-performance computers, portable microcomputers, large-scale simulation systems, large-scale industrial control computers and controllers
247. Computer digital signal processing system and board manufacturing
248. Manufacture of graphic image recognition and processing system
249. Development and manufacturing of high-capacity optical and disk drives and their components
250. Manufacturing of high-speed, 100TB and above storage systems and intelligent storage devices
251. Manufacturing of computer aided design (3D CAD), electronic design automation (EDA), auxiliary testing (CAT), auxiliary manufacturing (CAM), auxiliary engineering (CAE) systems and other computer application systems
252. Software product development and production
253. Development and manufacturing of special electronic materials (except the development and manufacturing of optical fiber preforms)
254. Manufacturing of special electronic equipment, testing instruments, tools and molds
255. Manufacturing of new electronic components: chip components, sensitive components and sensors, frequency control and selection components, hybrid integrated circuits, power electronic devices, optoelectronic devices, new electromechanical components, polymer solid capacitors, supercapacitors, passive integrated components, high-density interconnect laminates, multilayer flexible boards,

rigid flex printed circuit boards and packaging carrier boards

256. Manufacturing of touch system (touch screen, touch components, etc.)

257. R & D and manufacturing of virtual reality (VR) and augmented reality (AR) equipment

258. Manufacturing of high brightness LED with luminous efficiency above 140lm / W, LED epitaxial sheet (blue light) with luminous efficiency above 140lm / W, white LED with luminous efficiency above 140lm / W and power above 200MW

259. Development and production of key parts for high density digital CD Rom

260. Production of recordable optical discs

261. R & D and manufacturing of key parts of 3D printing equipment

262. Manufacture of satellite communication system equipment

263. Manufacture of optical communication measuring instruments and optical transceivers with a speed of 40Gbps and above

264. Ultra wideband (UWB) communication equipment manufacturing

265. Manufacturing of WLAN (including WAPI) and WAN equipment

266. Time division multiplexing equipment (TDM), dense wavelength division multiplexing equipment (DWDM), broadband passive network equipment (including EPON, GPON, WDM-PON, etc.), next generation DSL chips and equipment, optical cross connect equipment (OXC), automatic optical switching network equipment (ASON), SDH above 40Gbps Manufacturing of optical fiber communication transmission equipment

267. Development and manufacturing of next generation Internet system equipment,

terminal equipment, detection equipment, software and chip based on IPv6

268. Development and manufacturing of mobile phones, base stations, core network equipment and network detection equipment for the fourth generation and subsequent mobile communication systems

269. Development and manufacturing of high-end routers with overall processing capacity greater than 6.4tbps (bidirectional) and switches with switching capacity greater than 40tbps

270. Equipment manufacturing of air traffic control system

271. Development and manufacturing of electronic auxiliary teaching equipment of traditional Chinese medicine based on computer information technologies such as sound, light, electricity and touch, and virtual pathology and physiological model human equipment

(23) Instrument manufacturing

272. Manufacturing of industrial process automatic control system and device: fieldbus control system, large programmable controller (PLC), two-phase flowmeter, solid flowmeter, new sensors and field measuring instruments

273. Development and manufacture of large precision instruments and high-resolution microscopes (resolution less than 200nm)

274. Manufacture of high precision digital voltmeter and ammeter (display range is more than seven and a half digits)

275. Manufacture of automatic reactive power compensation device

276. Manufacture of new instruments and equipment for safe production

277. Manufacture of VXI bus type automatic test system (in accordance with ieee1155 international specification)
278. Development and manufacture of coal mine underground monitoring and disaster prediction system and coal safety detection integrated management system
279. Manufacturing of engineering survey and geophysical observation equipment
280. Manufacture of environmental monitoring instruments
281. Manufacture of instruments and equipment for hydrological data acquisition, processing and transmission and flood control early warning
282. Manufacture of marine exploration monitoring instruments and equipment
- (24) Comprehensive utilization of waste resources
283. Coal washing and comprehensive utilization of fly ash (including desulfurization gypsum) and coal gangue
284. Production of fully biodegradable materials
285. Waste electrical and electronic products, automobiles, electromechanical equipment, rubber, metal and battery recycling and treatment IV. power, heat, gas and water production and supply industry
286. Construction and operation of ultra supercritical unit power station with single unit of 600000 kW and above
287. Construction and operation of power stations with back pressure cogeneration, cogeneration of heat, power and cooling, and cogeneration units of 300000 kW and above
288. Construction and operation of large air-cooled unit power stations with a single

unit of 600000 kW and above in water deficient areas

289. Construction and operation of clean coal power generation projects such as integrated coal gasification combined cycle power generation

290. Construction and operation of power generation projects using fluidized bed boilers and coal gangue, medium coal and coal slime with a single unit of 300000 kW or more

291. Construction and operation of hydropower stations dominated by power generation

292. Construction and operation of nuclear power plants

293. Construction and operation of new energy power stations (including solar energy, wind energy, geothermal energy, tidal energy, wave energy, biomass energy, etc.)

294. Construction and operation of power grid

295. Seawater utilization (direct seawater utilization, seawater desalination)

296. Construction and operation of water supply plant

297. Construction and operation of reclaimed water plant

298. Construction and operation of sewage treatment plant

299. Construction and operation of motor vehicle charging station and battery replacement station

300. Construction and operation of hydrogenation station v. transportation, warehousing and postal services

301. Construction and operation of trunk railway network

302. Construction and operation of intercity railways, municipal (suburban) railways, resource-based development railways and branch railways and their bridges, tunnels, ferries and station facilities
303. Comprehensive maintenance of high-speed railway and intercity railway infrastructure
304. Construction and operation of roads, independent bridges and tunnels
305. Road freight transport company
306. Construction and operation of port public wharf facilities
307. Construction and operation of Civil Airports
308. Public air transport companies
309. Agriculture, forestry and fishery general Airlines
310. International maritime transport company
311. International container multimodal transport business
312. Construction and operation of oil (gas) pipelines and oil (gas) depots
313. Construction and operation of coal pipeline transportation facilities
314. Construction and operation of automated elevated three-dimensional storage facilities and integrated storage facilities related to packaging, processing and distribution business VI. wholesale and retail industry
315. Logistics and related technical services such as joint distribution of general commodities, low-temperature distribution of fresh agricultural products and special drugs
316. Rural chain distribution

317. Construction and operation of common system for pallets and container units VII.

Leasing and business services

318. International economy, science and technology, environmental protection and logistics information consulting services

319. Engage in system application management and maintenance, information technology support management, bank back office services, financial settlement, software development, offshore call center, data processing and other information technology and business process outsourcing services by undertaking service outsourcing

320. Venture capital enterprises

321. Intellectual property services

322. Family services VIII. Scientific research and technical services

323. Bioengineering and biomedical engineering technology, biomass energy development technology

324. Isotope, radiation and laser technology

325. Marine development and marine energy development technology, marine chemical resources comprehensive utilization technology, related product development and intensive processing technology, marine medicine and biochemical products development technology

326. Marine monitoring technology (ocean wave, meteorology, environmental monitoring), seabed exploration and ocean resources exploration and evaluation technology

327. Comprehensive utilization of concentrated seawater after seawater desalination for salt production, extraction of potassium, bromine, magnesium, lithium and deep processing of seawater chemical resources with high added value
328. Offshore oil pollution cleaning and ecological restoration technology and related product development, seawater eutrophication prevention and control technology, marine biological explosive growth disaster prevention and control technology, coastal ecological environment restoration technology
329. Energy saving and environmental protection technology development and service
330. Resource regeneration and comprehensive utilization technology, development and application of reuse technology of enterprise production emissions
331. Environmental pollution control and monitoring technology
332. New technologies for energy saving, consumption reduction and three wastes treatment in chemical fiber production and printing and dyeing processing
333. Anti desertification and desert control technology
334. Integrated management technology of grass and livestock balance
335. Civil satellite application technology
336. Research and Development Centre
337. High tech, new product development and Business Incubation Center
338. Development and application of Internet of things technology
339. Creative industries such as industrial design, architectural design and fashion design IX. water conservancy, environment and public facilities management
340. Construction and operation of urban closed roads

- 341. Construction and operation of urban subway, light rail and other rail transit
- 342. Construction and operation of waste treatment plants, hazardous waste treatment and disposal plants (incineration plants and landfills) and environmental pollution control facilities
- 343. Construction and operation of urban parking facilities X. Education
- 344. Non academic vocational training institutions Xi. Health and social work
- 345. Services for the elderly, the disabled and children
- 346. Pension institutions XII. Culture, sports and entertainment
- 347. Operation of performance venues
- 348. Stadium operation, fitness, competition performance, sports training and intermediary services

Fold and edit the management measures of this paragraph

(negative list of foreign investment access) note 1

The Special Administrative Measures for foreign investment access (negative list of foreign investment access) uniformly list the equity requirements, executive requirements and other restrictive measures for foreign investment access. Restrictive measures consistent with domestic and foreign investment and those that do not belong to the scope of access shall not be included in the Special Administrative Measures for foreign investment access.(negative list of foreign investment access)

2、 Foreign investors shall not engage in business activities as individual industrial and commercial households, sole proprietorship investors or members of farmers'

professional cooperatives.

3、 Foreign investors shall not engage in prohibited projects in the Special Administrative Measures for foreign investment access (negative list of foreign investment access); No foreign-invested partnership enterprise may be established to engage in restricted projects requiring the proportion of foreign capital.

4、 Where a domestic company, enterprise or natural person merges a domestic company with which it has an associated relationship with a company legally established or controlled abroad, involving foreign-invested projects and the establishment and change of enterprises, it shall be handled in accordance with the current provisions.

5、 The items in the catalogue of industries encouraging foreign investment that coincide with the Special Administrative Measures for foreign investment access (negative list of foreign investment access) shall enjoy the incentive policies and comply with the relevant access regulations.

6、 The arrangement between the mainland and Hong Kong on the establishment of closer economic and trade relations and its supplementary agreement and service trade agreement, the arrangement between the mainland and Macao on the establishment of closer economic and trade relations and its supplementary agreement and service trade agreement, the cross strait economic cooperation framework agreement and its subsequent agreements, the free trade area agreements and investment agreements signed between China and relevant countries If the international treaties to which China is a party and the laws and regulations of China have other provisions, such

provisions shall prevail.

7、 When providing news and cultural services (including Internet related news and cultural services) in China, overseas service providers must perform relevant approval, security assessment and senior management requirements, in accordance with the current relevant regulations. Part I catalogue of industries restricted from foreign investment

1. Breeding of new crop varieties and seed production (controlled by Chinese party)
2. Exploration and development of oil and natural gas (including coalbed methane, excluding oil shale, oil sand and shale gas) (limited to joint venture and cooperation)
3. Exploration and mining of special and scarce coal (controlled by the Chinese party)
4. Graphite exploration and mining
5. Publication printing (controlled by Chinese party)
6. Rare earth smelting and separation (limited to joint venture and cooperation), tungsten smelting
7. Manufacturing of complete vehicles and special purpose vehicles: the Chinese share ratio shall not be less than 50%. The same foreign investor may establish two or less joint ventures in China to produce complete vehicles of the same kind (passenger vehicles and commercial vehicles), such as jointly merging other domestic automobile production enterprises with Chinese joint venture partners and establishing joint ventures to produce complete vehicles of pure electric vehicles Foreign funded enterprises are not limited by the two
8. Design, manufacture and repair of ships (including sections) (controlled by Chinese

party)

9. Design, manufacture and maintenance of trunk line and branch line aircraft, design and manufacture of 3-ton and above helicopters, manufacture of ground and surface effect aircraft, design and manufacture of UAV and aerostat (controlled by the Chinese party)

10. General aircraft design, manufacturing and maintenance (limited to joint venture and cooperation)

11. Production of satellite television broadcasting ground receiving facilities and key parts

12. Construction and operation of nuclear power plant (controlled by Chinese party)

13. Construction and operation of power grid (controlled by Chinese party)

14. Construction and operation of urban gas, heat and water supply and drainage networks with an urban population of more than 500000 (controlled by the Chinese party)

15. Construction and operation of trunk railway network (controlled by the Chinese party)

16. Railway passenger transport company (controlled by Chinese party)

17. Domestic water transport companies (controlled by the Chinese party) and international maritime transport companies (limited to joint venture and cooperation)

18. Construction and operation of Civil Airport (relatively controlled by China)

19. Public air transport company (controlled by the Chinese side, and the investment proportion of a foreign investor and its affiliated enterprises shall not exceed 25%, and

the legal representative must have Chinese nationality)

20. General Airlines (the legal representative must have Chinese nationality, of which agricultural, forestry and fishery general airlines are limited to joint ventures, and other general airlines are limited to Chinese holdings)

21. Telecom companies: limited to the services promised to be opened by the WTO, value-added telecom services (the proportion of foreign capital shall not exceed 50%, except e-commerce), basic telecom services (controlled by the Chinese party)

22. Purchase and wholesale of rice, wheat and corn

23. Shipping Agency (controlled by Chinese party)

24. Construction and operation of gas stations (chain gas stations with more than 30 branches set up by the same foreign investor and selling different types and brands of refined oil from multiple suppliers, which are controlled by the Chinese party)

25. A bank (a single overseas financial institution and its controlled or jointly controlled related parties as promoters or strategic investors shall not invest more than 20% in a single Chinese funded commercial bank, and the total investment proportion of multiple overseas financial institutions and their controlled or jointly controlled related parties as promoters or strategic investors shall not exceed 20%)

More than 25%; Overseas financial institutions investing in rural small and medium-sized financial institutions must be banking financial institutions; The overseas investor, sole or controlling shareholder of a foreign bank branch, wholly foreign-owned bank or Sino foreign joint venture bank must be an overseas commercial bank, and the non controlling shareholder may be an overseas financial

institution)

26. Insurance companies (the proportion of foreign capital of life insurance companies shall not exceed 50%)

27. Securities companies (at the time of establishment, they are limited to underwriting and recommendation of RMB ordinary shares, foreign shares, government bonds and corporate bonds, brokerage of foreign shares, brokerage and self operation of government bonds and corporate bonds; After 2 years of establishment, qualified companies can apply to expand their business scope; Chinese holding), securities investment fund management company (Chinese holding Shares)

28. Futures company (controlled by Chinese party)

29. Market Research (limited to joint venture and cooperation, in which the Chinese party is required to hold the controlling stake in radio and television listening and viewing survey)

30. Surveying and mapping company (controlled by the Chinese party)

31. Preschool, ordinary high school and higher education institutions (limited to Sino foreign cooperative schools and Chinese led schools)

32. Medical institutions (limited to joint venture and cooperation)

33. Production of radio and television programs and films (limited to cooperation)

34. Construction and operation of cinemas (controlled by the Chinese party)

35. The Chinese leadership of a performance brokerage institution (controlled by the Chinese party) means that the president or the main administrative person in charge

shall have Chinese nationality, and the Chinese members of the Council, board of directors or joint management committee of a Chinese foreign cooperatively run school shall not be less than 1 / 2.

Part II catalogue of industries prohibited from foreign investment

1. R & D, breeding, planting of rare and unique precious and fine varieties in China and production of relevant breeding materials (including excellent genes of planting, animal husbandry and aquaculture)
2. Breeding of transgenic varieties of crops, breeding livestock and poultry and aquatic seedlings and production of transgenic seeds (seedlings)
3. Fishing of aquatic products in waters under China's jurisdiction and inland waters
4. Exploration and mining of tungsten, molybdenum, tin, antimony and fluorite
5. Rare earth exploration, mining and beneficiation
6. Exploration, mining and beneficiation of radioactive minerals
7. Application of processing technologies such as steaming, frying, roasting and calcining of Chinese herbal pieces and production of confidential prescription products of Chinese patent medicines
8. Smelting and processing of radioactive minerals and production of nuclear fuel
9. Manufacture of weapons and ammunition
10. Rice paper and ink ingot production
11. Air traffic control

12. Domestic express business of postal companies and letters
13. Wholesale and retail of tobacco leaves, cigarettes, redried tobacco leaves and other tobacco products
14. Social surveys
15. China Legal Affairs Consultation (except for providing information on the impact of China's legal environment)
16. Development and application of human stem cells, gene diagnosis and treatment technology
17. Geodesy, marine surveying and mapping, surveying and mapping aerial photography, ground movement survey, administrative boundary surveying and mapping, topographic map, world administrative region map, national administrative region map, provincial and lower administrative region map, national teaching map, local teaching map and true three-dimensional map preparation, navigation electronic map preparation, regional geological mapping, mineral geology, geophysics Geochemical, hydrogeological, environmental geology, geological hazards, remote sensing geology, etc
18. Development of wildlife and plant resources protected by the state and originating in China
19. Compulsory education institutions
20. News agencies (including but not limited to news agencies)
21. Editing and publishing of books, newspapers and periodicals
22. Editing, publishing and production of audio-visual products and electronic

publications

23. Radio stations (stations), television stations (stations), radio and television channels (rates), radio and television transmission coverage networks (transmitting stations, relay stations, radio and television satellites, satellite uplink stations, satellite receiving and transferring stations, microwave stations, monitoring stations, cable radio and television transmission coverage networks), radio and television video on demand services and satellite television broadcasting ground receiving facilities

Installation services

24. Radio and television program production and operation (including introduction business) Company

25. Film production companies, distribution companies and cinema companies

26. Internet news and information services, online publishing services, online audio-visual program services, Internet service business premises, Internet cultural operation (except Music), Internet public information release services

27. Auction enterprises and cultural relics stores operating cultural relics auction

28. Remarks of Humanities and social sciences research institutions: the "above" and "below" mentioned in the catalogue for the guidance of foreign investment industries (revised in 2017) do not include this figure; The terms "and above" and "and below" include this number.