Comparison of the 2007 and 2011 Investment Catalogue Deleted Content New Content

Catalogue for the Guidance of Foreign Investment Industries (Amended in 2007)	Catalogue for the Guidance of Foreign Investment Industries (Amended in 2011)
Catalogue of Encouraged Foreign Investment Industries	**Catalogue of Encouraged Foreign Investment Industries**
I. Farming, Forestry, Animal Husbandry and Fishery Industries	I. Farming, Forestry, Animal Husbandry and Fishery Industries
(1) Improvement of low and medium yielding field	1. Planting, development and production of woody edible oil, ingredient and industrial raw material
(2) Planting, development and production of woody edible oil, ingredient and industrial raw material	2. Green and organic vegetables (including edible fungus and melon-watermelon), dried fruits, teas planting technology and production of these products
(3) Planting technology, without social effects of pollution, of vegetables (including edible fungus and melon-watermelon), dried fruits, teas and serial development and production of these products	3. Development and production of new technology of sugar-yielding crops, fruit trees, forage grass
(4) Development and production of new technology of sugar-yielding crops, fruit trees, forage grass	4. Production of flowers and plants, and construction and operation of nursery base
(5) Production of flowers and plants, and construction and operation of nursery base	5. Planting of rubber, oil palm, sisals and coffees
(6) Planting of rubber, sisals and coffees	6. Cultivation of traditional Chinese medicines (limited to joint ventures or cooperation)
(7) Cultivation of traditional Chinese medicines (limited to joint ventures or cooperation)	7. Reusing in fields and comprehensive utilization of straws and stalks of crop, development and production of resources of organic fertilizers
(8) Reusing in fields and comprehensive utilization of straws and stalks of crop, development and production of resources of organic fertilizers	8. Planting of forest trees (including bamboo) and cultivation of fine strains of forest trees and cultivation of new breed varieties of polyploid trees
(9) Planting of forest trees (including bamboo) and cultivation of fine strains of forest trees and cultivation of new breed varieties of polyploid trees and genetically engineered forest trees	9. Breeding of aquatic offspring (excluding precious quality varieties peculiar to China)
(10) Breeding of aquatic offspring (excluding precious quality	10. Construction and operation of ecological environment

varieties peculiar to China) (11) Construction and operation of ecological environment protection projects preventing and treating desertification and soil erosion such as planting trees and grasses, etc. (12) Breeding of aquatic products, cage culture in deep water, large-scale breeding of aquatic products and breeding of eco-ocean products II. Mining and Quarrying Industries (1) Prospecting, exploitation and utilization of coal-bed gas (limited to joint ventures or cooperation) (2) Venture prospecting and exploitation of petroleum, natural gas(limited to joint ventures or cooperation) (3) Exploitation of oil and gas deposits (fields) with low osmosis(limited to joint ventures or cooperation) (4) Development and application of new technologies that can increase the recovery factor of crude oil(limited to joint ventures or cooperation) (5) Development and application of new technologies for prospecting and exploitation of petroleum, such as geophysical prospecting, well drilling, well-logging and downhole operation, etc.(limited to cooperation) (6) Prospecting and exploitation of such conventional oil resources as oil shale, oil sand, heavy oil and super heavy oil(limited to cooperation) (7) Prospecting, exploitation, and beneficiation of iron ores and manganese ores (8) Development and application of new technologies for improving the utilance of tailings and the comprehensive utilization of recovery technology of the mine ecology (9) Prospecting and exploitation of submarine flammable	protection projects preventing and treating desertification and soil erosion such as planting trees and grasses, etc. 11. Breeding of aquatic products, cage culture in deep water, large-scale breeding of aquatic products and breeding, proliferation of eco-ocean products II. Mining and Quarrying Industries 1. Prospecting, exploitation and utilization of coal-bed gas (limited to joint ventures or cooperation) 2. Venture prospecting and exploitation of petroleum, natural gas(limited to joint ventures or cooperation) 3. Exploitation of oil and gas deposits (fields) with low osmosis(limited to joint ventures or cooperation) 4. Development and application of new technologies that can increase the recovery factor of crude oil(limited to joint ventures or cooperation) 5. Development and application of new technologies for prospecting and exploitation of petroleum, such as geophysical prospecting, well drilling, well-logging and downhole operation, etc.(limited to joint ventures and cooperation) 6. Prospecting and exploitation of such unconventional oil resources as oil shale, oil sand, heavy oil and super heavy oil(limited to joint ventures and cooperation) 7. Prospecting, exploitation, and beneficiation of iron ores and manganese ores 8. Development and application of new technologies for improving the utilance of tailings and the comprehensive utilization of recovery technology of the mine ecology 9. Prospecting and exploitation of such unconventional gas as shale gas, submarine hydrate decomposition (limited to cooperation)

ice(limited to cooperation) III. Manufacturing Industries 1. Farm Products Processing Industry (1) Development and production of biology feeds, straws and stalks feeds and aquatic feeds (2) Aquatic products processing, seashell products cleansing and processing, and development of function food made from seaweed (3) Storage and processing of vegetables, dried fruits, fowl and livestock products 2. Food Manufacturing Industry (1) Development and production of food for babies and agedness, as well as function food (2) Development, production and processing of forest food (3) Production of natural addictive for foodstuff and food ingredients(limited to joint ventures or cooperation) 3. Drinks Manufacturing Industry (1) Development and production of drinks of fruits, vegetables, albumen, tea, coffee and vegetables 4. Tobacco Processing Industry (1) Production of secondary cellulose acetate and processing of tows(limited to joint ventures or cooperation) (2) Production of tobacco slices in the way of paper making(limited to joint ventures or cooperation) (3) Production of filter rods (limited to joint ventures or cooperation)	III. Manufacturing Industries (I). Farm Products Processing Industry 1. Development and production of biology feeds, straws and stalks feeds and aquatic feeds 2. Aquatic products processing, seashell products cleansing and processing, and development of health food made from seaweed 3. Storage and processing of vegetables, dried fruits, fowl and livestock products (II) Food Manufacturing Industry 1.Development and production of food for babies and aged people, as well as health food 2. Development, production and processing of forest food 3. Production of natural addictive for foodstuff and food ingredients (III) Drinks Manufacturing Industry 1.Development and production of drinks of fruits, vegetables, protein, tea, coffee and botanic drinks (IV) Tobacco Processing Industry 1.Production of secondary cellulose acetate and processing of tows(limited to joint ventures or cooperation) (V) Textile Industry 1. production of light, high-strength, high/low temperature resistance, chemical resistance, sun resistance and other multi-functional industrial textile using nonwoven, weaving, knitting, and composite technology

5. Textile Industry (1) Production of special textiles for industrial use with high and new technology (2) Weaving and dyeing as well as post dressing of high-grade loomage face fabric (3) Processing of special natural fiber products satisfying the requirement of comprehensive utilization of ecology and resources and environment protection(including other animal fiber, fibrilia, bamboo fiber, mulberry silk and colored cotton other than wool) (4) Production of clothes with computer integrated manufacturing system (5) Production of top-grade carpet, embroider and drawnwork product 6. Leather, Coat and Feather(Down and Feather) Products Industry (1) Cleaning processing of leather and fur (2) Post ornament and processing of leather with new technology (3) Top-grade leather(sofa leather and car cushion leather) 7. Lumber Processing Industry and Wood, Bamboo, Bine, Palm, Grass Products Industry (1) Development and production of new technology and products for the comprehensive utilization of "sub-quality, small wood and fuel wood" and bamboo in the forest area 8. Paper Making and Paper Products Industry (1) Project based on the mode of integration of forest and paper with an annual production capacity of over 300 thousand tons of chemical wood pulp or an annual production capacity of over	2. weaving and dyeing as well as post dressing of high-end fabric using advanced energy-saving and emission-reduction technologies and equipments 3. Processing of special natural fiber products satisfying the requirement of comprehensive utilization of ecology and resources and environment protection(including cashmere and other special animal fiber, fibrilia, bamboo fiber, mulberry silk and colored cotton) 4. Production of clothes with computer integrated manufacturing system 5. Production of top-grade carpet, embroider and drawnwork product (VI) Leather, Fur and Feather(Down and Feather) Products Industry 1.Cleaning processing of leather and fur 2. Processing of post ornament of leather with new technology 3. Top-grade leather(sofa leather and car cushion leather) (VII) Lumber Processing Industry and Wood Bamboo, Bine, Palm, Grass Products Industry 1.Development and production of new technology and products for the comprehensive utilization of "sub-quality, small wood and fuel wood" and bamboo in the forest area (VIII) Paper Making and Paper Products Industry 1.Project based on the mode of integration of forest and paper with an annual production capacity of over 300 thousand tons of chemical wood pulp or an annual production capacity of over 100 thousand tons of chemical mechanical wood pulp (limited to joint ventures or cooperation)

100 thousand tons of chemical mechanical wood pulp (limited to joint ventures or cooperation) 9. Petroleum Refining and Coking Industry (1) Deep processing of needle coke and coal tar 10. Chemical Raw Material and Products Manufacturing Industry (1) Production of ethylene with an annual production capacity of 800,000 tons or over (The Chinese party shall hold relative majority of shares) (2) Processing and manufacturing of derivatives of downstream products of ethylene and comprehensive utilization of ethylene side-products such as C4-C9 (3) Production of ethylene with an annual production capacity of 200,000 tons or over Polyvinyl chloride resin (in the way of ethylene) (4) Production of further processed products of sodium-process bleaching powder, polyvinyl chloride and organosilicon (5) Production of basic organic chemical industrial raw materials such as the of benzene, methylbenzenc, dimethylobenzene, etc. and its derivatives (6) Production of supporting raw materials for synthesized materials: bisphenol-A production and production of propylene oxide in the way of oxidizing propylene with hydrogen peroxide) (7) Production of synthetic fibre raw materials: precision terephthalic acid, vinyl cyanide, caprolactam, nylon 66 salt and polyurethane elastic fiber (8) Production of synthetic rubber: liquid butadiene styrene rubber by butadiene method(excluding styrene-butadiene rubber), butyl rubber, isoamyl rubber, polyurethane rubber, acrylic rubber, chlorophydrin rubber, ethylene-propylene-rubber, fluororubber, silicon rubber and other special rubber production)	(IX) Petroleum Refining and Coking Industry 1. Deep processing of needle coke and coal tar (X) Chemical Raw Material and Products Manufacturing Industry 1. Production of ethylene with an annual production capacity of 1,000,000 tons or over (The Chinese party shall hold relative majority of shares) 2. Production and development of new down-stream products of sodium-process bleaching powder, polyvinyl chloride and organosilicon 3. Production of supporting raw materials for synthesized materials: production of propylene oxide in the way of oxidizing propylene with hydrogen peroxide, development of epichlorohydrin production from glycerol, production of NDC as raw material for PEN, production of CHDM as raw material for PCT and PETG 4. Production of synthetic fibre raw materials: vinyl cyanide, caprolactam, nylon 66 salt and polyurethane elastic fiber and 1,3-propanediol 5. Production of synthetic rubber: liquid butadiene styrene rubber by butadiene method(excluding styrene-butadiene rubber), butyl rubber, isoamyl rubber, polyurethane rubber, acrylic rubber, chlorophydrin rubber, ethylene-propylene-rubber, fluororubber, silicon rubber and other special rubber production) 6. Production of engineering plastics and plastic alloys: PC, POM, engineering plastic nylon of 11 and 12, PPS, PEEK, polyurethane, polysulfone, PAR, liquid crystal polymer and other products 7. Fine chemistry industry: new products and technology for catalytic agent; processing technology for the commercialization

(9) Production of engineering plastics and plastic alloys: PPO, engineering plastic nylon of 11 and 12, polyurethane, polysulfone, PAR, liquid crystal polymer and other products (10) Fine chemistry industry: new products and technology for catalytic agent, auxiliary and addictive; processing technology for the commercialization of dye (pigment); production of high-tech chemicals for electronics and paper-making, food additives, feed additives, leather chemical products (excluding N,N-dimethylformamide), oil-well auxiliaries, surface active agent, water treatment agent, adhesivcs, inorganic fibre, inorganic nano material production and deep processing of pigment encapsulation. (11) Production of low hysteresis and high abrasion carbon black (12) Production of environment-friendly printing ink and environment-friendly arene-oil (13) Production of nature spices, synthetic spices and single ion spices (14) Production of high capability coatings, water automotive coatings and assorted water resin (15) Production of chlorofluorocarbon substitution (16) Production of organic fluorine chemical products(excluding CFC/HCFC and tetrafluoroethylene) (17) Production of fluorine recycling from phosphorus chemicals and aluminum smelting (18) Production of mass coal chemical industrial products(The Chinese party shall hold the majority of shares) (19) Development and production of new technology and products for the forestry chemicals (20) Production of ion film for caustic soda, abio-filtration membrane and function membrane (21) Development and production of inorganic, organic and	of dye (pigment); production of high-tech chemicals for electronics and paper-making, food additives, feed additives, leather chemical products (excluding N,N-dimethylformamide), oil-well auxiliaries, surface active agent, water treatment agent, adhesivcs, inorganic fibre, inorganic nano material production and deep processing of pigment encapsulation. 8. Production of environment-friendly printing ink and environment-friendly arene-oil 9. Production of nature spices, synthetic spices and single ion spices 10. Production of high capability coatings, water automotive coatings and assorted water resin 11. Production of chlorofluorocarbon substitution 12. high performance fluorine resin, fluorine rubber, fluorine membrane materials, fluorine-containing intermediates for medical use, refrigerants and cleansing agents 13. Production of fluorine recycling from phosphorus chemicals and aluminum smelting 14. Coal-to-oil with annual production above 3,000,000 tons, coal based methanol and DME with annual production above 1,000,000 tons, coal-to-olefin with annual production capacity of more than 600,000 tons (Chinese party shall hold the majority of shares) 15. Development and production of new technology and products for the forestry chemicals 16. Production of ion film for caustic soda, abio-filtration membrane and function membrane 17. Development and production of inorganic, organic and biologic films for environment protection 18. Development and production of new-type fertilizer: biologic fertilizer, high-density fertilizer, compound fertilizer, controlled

biologic films for environment protection (22) Development and production of new-type fertilizer: biologic fertilizer, high-density fertilizer, compound fertilizer, controlled release fertilizer, compound microbial inoculant, Compound microbial manure, degradation agent for stalks and garbage and microbial preparation of special functions (23) Development and production of new varieties of effective, safe agriculture chemicals and pesticides (24) Development and production of biopesticide and bio-control products: microbial insecticide, microbial fungicide, agricultural antibiotic, insect pheromone, enemy insect and microbial herbicide (25) Comprehensive utilization and disposal of exhaust gas, discharge liquid, waste residue (26) Production of organic polymer material: organic silicone modified coatings for ship shell, covering film for plane, rare earth cerium sulphide red dye, lead-free in electronic packages, serials of special sizing agent by photoetching for color Plasma Display Panel, small diameter and large specific surface area superfine fibre, high precision fuel filter paper, Li-ion battery membrane, multi-function compound accessory ingredient for plastic processing, citric acid diglyceride, fludioxonil, cyazofamid 11. Medical and Pharmaceutical Products Industry (1) Production of new type compound medication of active composition medication (including bulk drug and preparation) (2) Production of amino acids: serine, tryptophan, hstidine, methionine for feed (3) Production of new anti cancer medication, new cardio-cerebrovascular medication and new nervous system using medication (4) New type, high effective and economical contraception	release fertilizer, compound microbial inoculant, Compound microbial manure, degradation agent for stalks and garbage and microbial preparation of special functions 19. Development and production of new varieties of effective, safe and environmental friendly agriculture chemicals and pesticides, intermediates, auxiliary , and development and application of clean production technologies (six specific technologies) 20. Development and production of biopesticide and bio-control products: microbial insecticide, microbial fungicide, agricultural antibiotic, insect pheromone, enemy insect and microbial herbicide 21. Comprehensive utilization and disposal of exhaust gas, discharge liquid, waste residue 22. Production of organic polymer material: covering film for plane, rare earth cerium sulphide red dye, lead-free in electronic packages, serials of special sizing agent by photoetching for color Plasma Display Panel, small diameter and large specific surface area superfine fibre, high precision fuel filter paper, Li-ion battery membrane (XI) Medical and Pharmaceutical Products Industry 1.Production of new type compound medication of active composition medication (including bulk drug and preparation) 2. Production of amino acids: Production of tryptophan acid, hstidine, methionine for feed using fermenting method 3. Production of new anti cancer medication, new cardio-cerebrovascular medication and new nervous system using medication 4. Production of new type medication using bioengineering technology

medication and instrument (5) Production of new type medication using bioengineering technology (6) Production of high physillogical active medication heterocyclic fluoride containing fluorine, like heterocyclic fluoride, and intermediate (7) Production of genetic engineering bacterin (AIDS bacterin, third bacterin, contraception bacterin) (8) Production of biology bacterin (9) Production of bcg vaccine and poliomyelitis vaccine (10) Exploitation and production of marine drug (11) Drug preparation: production of new formulation using new technologies of sustained-release, release, targeting and percutaneous absorption (12) Exploitation and production of new type of pharmaceutic adjuavant (13) Production of biomedicine material and ware(except flesh body, sample, human organ tissue and sample processing) (14) Production of animal using antibacterial raw material drug (15) Exploitation and production of animal using antibacterial drug, insect repellent, pesticide, anticoccidial drug and new formulation (16) Production of new diagnosis reagent 12. Manufacturing Industry of Chemical Fiber (1) Production of hi-tech chemical fiber of differential chemical fiber, aramid, carbon fiber, polyethylene of high-strength and high-mode, polyphenylene sulfide(PPS) and so on (2) Production of Environmental Protection chemical fiber of New Solvent cellulose fiber (3) Production of new style of fiber and non-fiber polyester: PTT, PEN, PBT	5. Vaccine of AIDS, hepatitis C vaccine, contraceptive vaccine and cervical cancer, malaria, foot and mouth disease vaccine production and other new vaccines 6. Production of biological vaccine 7. Exploitation and production of marine drug 8. Drug preparation: production of new formulation using new technologies of sustained-release, release, targeting and percutaneous absorption 9. Exploitation and production of new type of pharmaceutic adjuavant 10. Animal-specific production of antibiotic material medicines (including antibiotics and chemical synthesis) 11. Exploitation and production of animal using antibacterial drug, insect repellent, pesticide, anticoccidial drug and new formulation 12. Production of new diagnosis reagent (XII) Manufacturing Industry of Chemical Fiber 1.Production of hi-tech chemical fiber of differential chemical fiber, aramid, carbon fiber, polyethylene of high-strength and high-mode, polyphenylene sulfide(PPS) and so on 2. Production of new style of fiber and non-fiber polyester: PTT, PEN, PCT, PETG 3. The use of renewable resources and green, environmental friendly craft to produce bio fiber, including the Lyocell, using bamboo, hemp and other raw materials to produce regenerated cellulose fiber, PLA, chitin fiber, PHA, animal and plant protein fiber 4. Production of polyamide, single line production capacity of 150 ton a day 5. Production of meridian tyre aramid fiber and tyre cord

(4) Production of new style fiber material made use of renewable resources, biomass technology: PLA, PDO (5) Production of polyamide, single line production capacity of 100 ton a day (6) Production of meridian tyre aramid fiber and tyre cord 13. Industry of Plastic Products (1) Exploitation and production of new technology and new production of agricultural film(photodegradable film and multi-function film) (2) Digestion and recycle of waste plastics (3) Exploitation and production of new technology and new production of plastic soft package (high barrier, multi-function film and material) 14. Non-metal Mineral Products Processing Industry (1) Develop and produce new energy-saving, environment-protecting architecture material: lightweight high-intensity and multi-function materials for wall, high-level environment protecting decorating and finishing materials, high quality water-proof and airproof materials, and effective thermal insulation materials. (2) Use plastic to replace steel and wood, energy-saving and high-efficient chemical architecture material production. (3) Produce more than 10,000,000 sq.m. elastomer, plastic changeable asphaltum waterproof coiled materials，high-quality width(more than 2 meters) EPDM waterproof coiled materials and matched materials, durable PVC coiled material, TPO waterproof coiled materials. (4) Production of screen electromagnetic wave glass, micro-electronics glass base plate, penetrating infrared nonlead glass,	(XIII). Industry of Plastic Products 1.Production and development of new optical multi-functional wide agricultural membrane 2. Digestion and recycle of waste plastics 3. Exploitation and production of new technology and new production of plastic soft package (high barrier, multi-function film and material) (XIV) Non-metal Mineral Products Processing Industry 1. Development and production of energy saving, environmental protection, waste benefit, lightweight, high strength, high performance, multi-functional building materials 2. Use plastic to replace steel and wood, energy-saving and high-efficient chemical architecture material production. 3. Produce more than 10,000,000 sq.m. elastomer, plastic changeable asphaltum waterproof coiled materials, high-quality width(more than 2 meters) EPDM waterproof coiled materials and matched materials, durable PVC coiled material(more than 2 meters wide), TPO waterproof coiled materials. 4. New technology development and production of functional glass: electromagnetic shielding glass, micro glass substrate, through the infra-red lead-free glass, electronic grade large-sized quartz glass products (tubes, plates, crucibles, equipment and vessels), multi-functional optical performance windshield glass, information technology, with extreme materials and products (including the waveguide-level high-precision quartz glass optical fiber preform tube and ceramic substrates), high purity (≥ 99.998%) ultra-pure (≥ 99.999%) crystal purification processing of raw materials 5. Conducting glass thin film batteries, solar concentrator mirror

electron grade large spec quartz glass pervasion pipe, exceeding two generation and three generation microchannel plate, optic fiber panel and inverse image implement and glass fiber. (5) Production of glass fibre (product line with technology of wire drawing in tank furnace) and glass fibre reinforced plastic products with an annual capacity of 50,000 tons or more. (6) Production of sequential fiberglass original silk felt, fiberglass surface felt, micro-electronics fiberglass cloth and thin felt. (7) Production of coherent fiber bundle and laser medical optic fiber. (8) Production of sanitation porcelain with an annual production of 1,000,000 pieces or over (9) Standardization refine of ceramic material and production of high-level decorative materials used for ceramics. (10) Production of high-level refractory material used in furnaces for cement kiln, top grade(electronic)glasses, ceramics and glass fiber. (11) Production of ceramic carrier, AIN ceramic base piece, multiple-hole ceramics use in car catalyzing equipment. (12) Production of inorganic, non-metal materials and products: artificial crystal, carbon/carbon complex materials, special kind of ceramics, special kind of airproof materials, quick oil sealed materials, special kinds of cementation materials, special type latex materials, water rubber materials, heat-transfer coefficient is or less than 0.025W/mK under normal temperature heat insulation materials and so on. (13) Production of high tech compound materials: sequential fiber increasing thermoplasticity compound materials and prepreg, endure heat > 300℃ colophony compound material moulding craftwork assistant materials, colophony compound material oar, colophony compound material top grade sports	glass 6. Glass fiber products and special glass fiber production: low dielectric glass fiber, quartz glass, high silica glass fiber, high strength and high elastic glass fiber, ceramic fiber and its products 7. Optic fibers and products: medical image bundles and laser fiber, super second generation and third generation micro-channel plate, optical fiber panel, image inverter and glass light cone 8. Standardization refine of ceramic materials, ceramic materials with high-grade production of decorative 9. Cement, electronic glass, ceramics, porous carbon brick kilns and other environmentally-friendly (no chromium) refractories production 10. Aluminum nitride (AIN) ceramic substrate, porous ceramic production 11. Inorganic non-metallic materials and products: composite materials, special ceramics, special sealing materials (including high-speed oil seal material), special friction material (including high friction brake products), special kinds of cementation materials, special latex material, acoustic rubber products, nano materials 12. Organic - inorganic composite foam insulation 13. High-tech composite materials: continuous fiber reinforced thermoplastic composite materials and prepreg, temperature> 300 ℃ with a resin-based composite molding process support materials, resin-based composite materials (including high-end sporting goods, lightweight high strength components of transport), special function compound materials and products (including deep water and diving composite products, composite materials for medical and rehabilitation products), carbon /

articles, special capability glass steel tube(pressure > 1.2MPa), special function compound materials and products, deep water and diving compound material products ， medical and healing use compound material products, carbon/carbon compound materials and brake piece, high capability ceramic compound materials and products, metal compound materials and products, metal layer compound materials and products, pressure≥320MPa super-high-pressure compound rubber pipes, air bus aviation tyres. (14) Production of precise high capability ceramics and functional ceramic materials: carborundum super-minute powder(purity > 99%, average granule diameter < 1μm), Si3N4 super-minute powder(purity > 99%, average granule diameter < 1μm), high pure and super-minute alumina powder(purity > 99%, average granule diameter < 0.5μm), low temperature sintered zirconia powder(sintered temperature < 1350℃) ,high pure AlN powder(purity > 99%, average granule diameter < 1μm), rutile TiO2 powder(purity > 98.5%), white char black(average granule diameter < 100nm = , barium titanate (purity > 99%, average granule diameter < 1μm = . (15) Production of diamond film tools, thickness is 0.3mm or less super-thin artificial diamond saw piece. (16) Deep processing of non-metal mineral products (super-thin comminution, high level pure, fine production, modification) (17) Production of super high power black lead electrode. (18) Production of pearlite mica(granule diameter: 3-150μm). (19) Production of multiple dimension and multiple direction integer weaving fabric and profile modeling fabric.	carbon composites, high-performance ceramic matrix composite materials and products, metal matrix and glass matrix composite materials and products , metal layered composite materials and products, pressure ≥ 320MPa high pressure composite pipe, large passenger aircraft tires 14. Precision high-performance ceramic raw materials: silicon carbide (SiC) powders (purity> 99%, average particle size <1μm), silicon nitride (Si3N4) powders (purity> 99%, average particle size <1μm), high purity and ultrafine alumina powder (purity> 99.9%, average particle size <0.5μm), low temperature sintering of zirconium oxide (ZrO2) powder (sintering temperature <1350 ℃), high purity aluminum nitride (AlN) powder (purity> 99%, average particle size <1μm), rutile TiO2 powder (purity> 98.5%), silica (particle size <100nm), barium titanate (purity> 99%, particle size <1μm) 15. High-quality products, artificial crystal and crystal film development and production: high quality synthetic crystals (piezoelectric crystals and ultraviolet light through the crystal), super-hard crystals (cubic boron nitride crystals), high temperature insulation high insulation synthetic crystals (artificial synthetic mica), the new electro-optical crystal, crystal and large-size high-power laser scintillation crystal, diamond film tools, thickness 0.3mm ultra-thin diamond saw blade and the following 16. Non-metallic mineral fine processing (ultra-fine grinding, high purity, refined, modified) 17. Ultra-high power graphite electrode 18. Pearl mica production (particle size 3-150μm) 19. Multi-dimensional multi-contour to the overall establishment of the fabric and fabric production 20. Use of new dry cement kiln sound disposal of solid waste

(20) Use new dry cement kiln to innocuously dispose combusting industry castoff and life garbage. 15. Non-Ferrous Metallurgical Smelting and Rolling Processing Industry (1) Production of diameter > 200mm silicon single crystal and polishing piece, multiple crystal silicon. (2) Production of high tech non-ferrous metallurgical materials: new type high capability hydrogen storing materials, lithium hydronium battery electrode materials, compound semiconductor materials(gallium arsenide, gallium phoshpide, gallium Reexplanation, gallium nitride), high temperature superconduct materials, memory alloy materials(titanium nickel ，copper and iron memory alloy materials) , super minute(nanometer) calcium carbide and super minute(nanometer) crystal hard ally, superhard compound materials, noble metal compound materials, aluminum foil used for radiator, middle and high pressure cathode capacitance aluminum foil, special kind of large aluminum alloy materials, aluminum alloy precise model forge product, electrization railway built on stilts leads, super-thin copper strip, erosion proof heat exchanger copper alloy material, high capability copper nickel, copper and iron alloy strip, beryllium copper strip, thread, tube and stick process material, high temperature bearable tungsten filament, magnesium alloy cast, non-lead solder, magnesium alloy and its applicable products, bubble aluminum, titanium alloy strip materials and titanium jointing pipes, atomic energy grade sponge zirconium, tungsten and molybdenum deep machining products.	21. Construction waste recycling 22. Utilization of industrial by-product gypsum 23. Non-metallic mine tailings utilization and application of new technology development and ecological restoration of mine (XV) Non-Ferrous Metallurgical Smelting and Rolling Processing Industry 1. Production of diameter > 200mm silicon single crystal and polishing piece 2. Production of high tech non-ferrous metallurgical materials: compound semiconductor materials(gallium arsenide, gallium phoshpide, gallium Reexplanation, gallium nitride), high temperature superconduct materials, memory alloy materials(titanium nickel ，copper and iron memory alloy materials) , super minute(nanometer) calcium carbide and super minute(nanometer) crystal hard ally, superhard compound materials, noble metal compound materials, aluminum foil used for radiator, middle and high pressure cathode capacitance aluminum foil, special kind of large aluminum alloy materials, aluminum alloy precise model forge product, electrization railway built on stilts leads, super-thin copper strip, erosion proof heat exchanger copper alloy material, high capability copper nickel, copper and iron alloy strip, beryllium copper strip, thread, tube and stick process material, high temperature bearable tungsten filament, magnesium alloy cast, non-lead solder, magnesium alloy and its applicable products, bubble aluminum, titanium alloy strip materials and titanium jointing pipes, atomic energy grade sponge zirconium, tungsten and molybdenum deep machining products. 16. Metal products industry

16. Metal products industry (1) Production of lightened car, automobile and environment protecting new materials (bodywork aluminum board, aluminum magnesium alloy materials, automobile aluminum alloy frame and so on). (2) Development and production of high-grade hardware for construction, hot-water heating equipment and hardware parts. (3) Production and processing (including painting and processing inner and outer surface of the products) of metal packing products (thickness < 0.3mm) used to pack all kinds of grain, oil and food, fruits, vegetables, beverages, daily using materials and such contents.	1. Production of aviation, aerospace, lightened car, automobile and environment protecting new materials (bodywork aluminum board, aluminum magnesium alloy materials, automobile aluminum alloy frame and so on). 2. Development and production of high-grade hardware for construction, hot-water heating equipment and hardware parts. 3. Production and processing (including painting and processing inner and outer surface of the products) of metal packing products (thickness < 0.3mm) used to pack all kinds of grain, oil and food, fruits, vegetables, beverages, daily using materials and such contents. 4. Production of nickel stainless steel products
17. General Machine-building Industry (1) Manufacturing of numerically controlled machine tools of high level and key spare parts: numerically controlled machine tools which exceed quintuple linkage, digital control coordinate spindle processing centre ，digital control system which exceeds quintuple linkage and servomechanism installations, high-speed and super-strong knifes for exact digital control manufacturing. (2) Manufacturing of multi-station forging forming machine of 1000 tons or more (3) Manufacturing of equipments for braking up and smashing retired cars (4) Manufacturing of soft FTL product line (5) Manufacturing of vertical articulated industrial robots, welding robots and welding equipments thereof (6) Manufacturing of special processing machines: complete sets of laser cutting and welding equipments, exact processing laser equipments, digital-control and low-speed wire-cuts, submicron	(XVII) General Machine-building Industry 1. Manufacturing of numerically controlled machine tools of high level and key spare parts: numerically controlled machine tools which exceed quintuple linkage, digital control coordinate spindle processing centre, digital control system which exceeds quintuple linkage and servomechanism installations, high-speed and super-strong knifes for exact digital control manufacturing. 2. Manufacturing of multi-station forging forming machine of 1000 tons or more 3. Manufacturing of equipments for braking up and smashing retired cars 4. Manufacturing of soft FTL product line 5. Manufacturing of vertical articulated industrial robots, welding robots and welding equipments thereof 6. Manufacturing of special processing machines: complete sets of laser cutting and welding equipments, exact processing laser equipments, digital-control and low-speed wire-cuts, submicron

cracker (7) Manufacturing of wheel or crawler crane of 300 tons or more (limited to joint ventures or cooperation) (8) Design and manufacturing of high pressure plunger pumps of pressure(35-42MPa) and engine, design and manufacturing of low-speed big torquey engine of pressure(35-42MPa) (9) Manufacturing of electro-hydraulic proportion servo elements (10) Design and manufacturing of integrated multi-path valves of pressure(21-31.5MPa) , pneumatic solenoid valves of less than 0.35W high-frequency electrical control valves of more than 200Hz (11) Design and manufacturing of hydrostatic drive device (12) Development and manufacturing of non-contacting gas film seal of pressure more than 10MPa, dry gas seal of pressure more than 10MPa (including experience device) (13) Development and manufacturing of macromolecule material device for automobiles(rub piece, changed phenol aldehyde plunger, non-metal liquid pressure mother pump and so on) (14) Manufacturing of car boss axletree of 3 and 4 generation(function elements of boss axletree of flange and transducer inside or outside of the axletree , digital control machine tool or processing centre axletree of high or mid class(the processing center should have more than three axis interlocking function and 3-4μm repeated precision) , high-speed wire or board rolling mill axletree(assistant axletree and roller axletree of single-wire rolling mill of more than 120m/s and of thin-board rolling mill of more than 2mm) , high-speed	cracker 7. Manufacturing of wheel or crawler crane of 300 tons or more (limited to joint ventures or cooperation) 8. Design and manufacturing of high pressure plunger pumps of pressure(≥35MPa) and engine, design and manufacturing of low-speed big torquey engine of pressure(≥35MPa) 9. Manufacturing of the overall work pressure ≥ 35MPa Hydraulic Multi-way valve, electro-hydraulic proportional servo component 10. Valve, pneumatic solenoid valves of less than 0.35W high-frequency electrical control valves of more than 200Hz 11. Design and manufacturing of hydrostatic drive device 12. Development and manufacturing of non-contacting gas film seal of pressure more than 10MPa, dry gas seal of pressure more than 10MPa (including experience device) (13) Development and manufacturing of macromolecule material device for automobiles(rub piece, changed phenol aldehyde plunger, non-metal liquid pressure mother pump and so on) (14) Manufacturing of car boss axletree of 3 and 4 generation(function elements of boss axletree of flange and transducer inside or outside of the axletree, digital control machine tool or processing centre axletree of high or mid class(the processing center should have more than three axis interlocking function and 3-4μm repeated precision), high-speed wire or board rolling mill axletree(assistant axletree and roller axletree of single-wire rolling mill of more than 120m/s and of thin-board rolling mill of more than 2mm), high-speed railway axletree(with speed of more than 200km/h), low-noise axletree of vibration of less than Z4(Z4, Z4P, V4, V4P), level P4, P2 axletree of various axletree, wind turbine (above 1.5 MW wind

railway axletree(with speed of more than 200km/h) ，low-noise axletree of vibration of less than Z4(Z4, Z4P, V4, V4P) ，level P4, P2 axletree of various axletree (15) Production of high temperature resistant and insulation material (with F, H insulation class), as well as insulation shaped parts (16) Development and manufacturing of fluid pressure rubber sealing (17) Manufacturing of high binding spares of 12.9 level or more (18) Manufacturing of casting and forging workblanks for cars and motorcycles (19) Remanufacturing of machine tools, spare parts of cars(except five matured varieties)and project machines. 18. Special Equipment Manufacturing (1) Manufacturing of mine trolley mining, loading and transporting device：mechanical drive tipper for mine of 100 tons or more, mobile crusher，wheeled digger of 3000m3/h or more，loading machine for mine of 5 m3 or more， electric driving mining machine of 2000 kw or more and so on (2) Manufacturing of geophysical, logging equipment: MEME geophone, digital telemetry seismograph, digital imaging, computerized logging system, horizontal wells, directional wells, drilling rig equipment and apparatus, MWD logging while drilling (3) Manufacturing of oil exploration, drilling, gathering and transportation equipment: floating drilling systems and floating production systems which will work in more than 500 meters of water depth, working depth greater than 600 meters undersea	turbine the spindle axletree, increasing accelerator axletree, generator axletree, etc.), aerospace axletree (air axletree spindle motor, landing gear axletree, transmission axletree, control system axletree , etc.) 15. Manufacturing of high density, high-precision, complex shape of powder metallurgy parts and chains for automobiles, construction machinery 16. Manufacturing of gear transmission for wind power, nuclear power, high-speed train, variable pulp marine gear transmission system, a large, heavy duty gear box 17. Production of high temperature resistant and insulation material (with F, H insulation class), as well as insulation shaped parts 18. Development and manufacturing of accumulator capsule, fluid pressure rubber sealing 19. Manufacturing of high-precision, high strength (8.9 above), profiled, composite classes fasteners, precision miniature drive coupling parts (clutch), large mill connecting shaft 20. Machine tools, engineering machinery, railway locomotives and equipment and other machinery and equipment re-manufacturing and automotive parts remanufacturing (XVIII) Special Equipment Manufacturing 1. Manufacturing of mine trolley mining, loading and transporting device：mechanical drive tipper for mine of 200 tons or more, mobile crusher，wheeled digger of 5000m3/h or more，loading machine for mine of 8 m3 or more， electric driving mining machine of 2500 kw or more and so on 2. Manufacturing of geophysical, logging equipment: MEME geophone, digital telemetry seismograph, digital imaging,

oil production, gathering and transportation equipment, power of winch greater than 3,000 kilowatts, top driving force greater than 850 kilowatts, drilling pump more than 1,800 kilowatts of power by deep-sea oil rig, drilling depth of 9,000 meters above the desert land drilling rig and oil rig, 10 million tons / year oil refining installations with 80 tons and above Pistons edge reciprocating compressor, NC oil Sham Tseng logging, oil Drilling Mud Hole solid operating highway tunnel monitoring equipment, ventilation, disaster prevention and relief system equipment manufacturers (4) Design and manufacturing of skeleton shield integrated system with diam of 6 meters, TBM system integrating with diam of 5 meters; manufacturing of large digging drilling of caliber of 1 meter and depth of 30 meters, design and manufacturing of push bench with diam of 1.2 meters or more, manufacturing of large complete non-digging pipeline laying device with pulling power of 200 tons or more, manufacturing of consecutive wall underwater drilling machine, manufacturing of automatic vertical drilling system (5) Design and manufacturing of large lifting machine of 100 tons or more 320hp (6) Design and manufacturing of pedrail soil shifter of ground pressure of 0.03MPa or less, power of 220 hp or more，large soil shifter of 520 hp or more (7) Design and manufacturing of purge machine of 100 m3/h or more, digging device in digging vessel of 5000 tons or more (8) Design and manufacturing of tuffcrete diosmosing-proof wall for flood control bar (9) Manufacturing of machine for underwater mass：soil shifter, loader and digger 9 miles under water	computerized logging system, horizontal wells, directional wells, drilling rig equipment and apparatus, MWD logging while drilling 3. Manufacturing of oil exploration, drilling, gathering and transportation equipment: floating drilling systems and floating production systems which will work in more than 500 meters of water depth, working depth greater than 600 meters undersea oil production, gathering and transportation equipment 4. Manufacturing of large digging drilling of caliber of 2 meter and depth of 30 meters, design and manufacturing of push bench with diam of 1.2 meters or more, manufacturing of large complete non-digging pipeline laying device with pulling power of 300 tons or more, manufacturing of consecutive wall underwater drilling machine 5. Design and manufacture of large bulldozers with 520 horsepower and above, 6. Design and manufacturing of purge machine of 100 m3/h or more, digging device in digging vessel of 5000 tons or more 7. Design and manufacturing of tuffcrete diosmosing-proof wall for flood control bar 8. Manufacturing of machine for underwater mass：soil shifter, loader and digger 9 miles under water 9. Manufacturing of devices of road bridge maintaining and automatic testing 10. Manufacturing of devices of road tunnel supervision, winding, disaster control and rescuing system 11. Large Railway, railway lines, bridges, tunnels and machinery repair and maintenance and inspection, monitoring equipment and its design and manufacture of key components 12. Manufacturing of (asphalt) shingles equipment, galvanized steel and other metal roof production equipment 13. Manufacturing of spot spraying polyurethane waterproof

(10) Manufacturing of devices of road bridge maintaining and automatic testing (11) Manufacturing of devices of road tunnel supervision, winding, disaster control and rescuing system (12) Design and manufacturing of the large-scale railway construction, and operation of large-scale road maintenance machinery and safety equipment (13) Manufacturing of (asphalt) shingles equipment, galvanized steel and other metal roof production equipment (14) Manufacturing of spot spraying polyurethane waterproof thermal insulation system equipment which could protect environment and conserve energy, technology and equipment of polyurethane sealant paste preparation, technology and production equipment of modified silicone sealing paste preparation (15) Design and manufacturing of thin-slab continuous casting machine, high-precision strip mill (with thickness of precise 10 microns) (16) Manufacturing of devices of direct reverting iron and liquation reverting iron (17) Manufacturing of high power DC electric arc furnace of 50 tons or more (18) Manufacturing of colorful panting or plating board devices (19) Manufacturing of selecting device for multi-element, fine-powder and hard-selecting mine (20) Manufacturing of key devices of 800000 tons/year or more of oxene complete devices：air compressor of pyrolysis gas, oxene and elemicin, complicated powder making machine of 100000 tons/year, centrifuge with diam of 800 millimeter, unattackable pump and valve that can work under conditions of	thermal insulation system equipment which could protect environment and conserve energy, technology and equipment of polyurethane sealant paste preparation, technology and production equipment of modified silicone sealing paste preparation 14. Design and manufacturing of thin-slab continuous casting machine, high-precision strip mill (with thickness of precise 10 microns) 15. Manufacturing of selecting device for multi-element, fine-powder and hard-selecting mine 16. Manufacturing of key devices of 1,000,000 tons/year or more of oxene complete devices: complicated powder making machine of 400,000 tons/year, centrifuge with diam of 1,000 millimeter, low flow high head pump 17. Manufacturing of large complete devices of chemical processing of coal(limited to joint ventures or cooperation) 18. Design, manufacturing of metal product moulds(such as extrusion moulds of pipe, stick and shape of copper, aluminum, titanium and zirconium) 19. Design and maintaining of punching mould of cover elements of automobile outside, instrument panels, bumpers and other large injection mold, clamp and test tools of automobile and motorcycle 20. Design and manufacturing of equipment for Automotive battery production 21. Precision Mould: Design and maintaining of punching mould with precision of more than 0.02 millimeter, precise mould with precision of more than 0.05 millimeter 22. Design and manufacturing of nonmetal product moulds 23. Manufacturing of beer filling device of 60000 bottles /h or

temperature250℃ and pressure 15Mpa, valve that can work under conditions of temperature -55℃ or less and so on(limited to joint ventures or cooperation) (21) Manufacturing of large complete devices of chemical processing of coal(limited to joint ventures or cooperation) (22) Design, manufacturing and maintaining of metal product moulds(such as extrusion moulds of pipe, stick and shape of copper, aluminum, titanium and zirconium) (23) Design and maintaining of punching mould of cover elements of automobile outside, clamp and test tools of automobile and motorcycle (24) Design and maintaining of punching mould with precision of more than 0.02 millimeter (including 0.02 millimeter), precise mould with precision of more than 0.05 millimeter (including 0.05 millimeter) and mould standard elements. (25) Design and manufacturing of nonmetal product moulds (26) Manufacturing of beer filling device of 60000 bottles /h or more, drink mid or high hot filling device of 5 bottles /h, asepticism filling device of 36000 bottles /h or more (27) Manufacturing of producing technologies and key equipments for aminophenol, zymi, food addiitive and so on (28) Manufacturing of complete feed processing equipment of 10tons/h or more and key parts thereof (29) Manufacturing of light board and box device of 0.75-millimeter high or less (30) Manufacturing of single in folio colorful lithographic printing machine with speed of more than 16000 pages in folio /h(720×1020 millimeters) , diprosopia in folio colorful lithographic printing machine with speed of 13000 pages in folio /h(720×1020 millimeters) , colorful lithographic in folio printing	more, drink mid or high hot filling device of 5 bottles /h, asepticism filling device of 36000 bottles /h or more 24. Manufacturing of producing technologies and key equipments for aminophenol, zymi, food addiitive and so on 25. Manufacturing of complete feed processing equipment of 10tons/h or more and key parts thereof 26. Manufacturing of light board and box device of 0.75-millimeter high or less 27. Manufacturing of single in folio colorful lithographic printing machine with speed of more than 16000 pages in folio /h(720×1020 millimeters) , colorful lithographic in folio printing machine with speed of 13000 pages in folio /h(1000×1400 millimeters) 28. Manufacturing of single roll lithographic printing machine with speed of more than 75000 pages in folio /h(787×880 millimeters) , diprosopia single roll lithographic printing machine with speed of more than 170000 pages in folio /h(787×880 millimeters) , 29. Manufacturing of colorful soft printing machine with speed of 300meters/m or more and coverage of 1000 millimeters or more, high-speed digital printing machine with 100 m / min or more speed, 450 mm width 30. Manufacturing of computer mass color pre-coordination systems, mass color remote handling systems, mass speed following systems, prints quality automatic testing and following systems, no-axis turning technologies, high-speed automatic splicer, paper giving machine and high-speed and automatic remote handling paper folding machine, automatic overprinting system, cooling device, silanion putting system, bias-adjusting device and so on. 31. Electron gun automatic coating machine

machine with speed of 13000 pages in folio /h(1000×1400 millimeters) (31) Manufacturing of single roll lithographic printing machine with speed of more than 75000 pages in folio /h(787×880 millimeters) , diprosopia single roll lithographic printing machine with speed of more than 170000 pages in folio /h(787×880 millimeters) , (32) Manufacturing of colorful soft printing machine with speed of 300meters/m or more and coverage of 1000 millimeters or more (33) Manufacturing of computer mass color pre-coordination systems, mass color remote handling systems, mass speed following systems, prints quality automatic testing and following systems, no-axis turning technologies, high-speed automatic splicer, paper giving machine and high-speed and automatic remote handling paper folding machine, automatic overprinting system, cooling device, silanion putting system, bias-adjusting device and so on. (34) Deep processing technique and equipment manufacturing of plate glass (35) Special high-tech Industrial sewing machines manufacturing (36) Manufacturing of complete set of new type of paper (including pulp) making machines (37) Manufacturing of equipment with new technique for post ornament and processing of leather (38) Development and Manufacturing of new agriculture processing and storage equipment: new equipment for the processing, storage, preservation, classifying, packing, and drying of food, oil, vegetables, diried fruits and fresh fruits, flowers, meat and aqua-products; agricultural product quality testing equipment ; the quality detection equipment of agricultural	32. Deep processing technique and equipment manufacturing of plate glass 33. Manufacturing of complete set of new type of paper (including pulp) making machines 34. Manufacturing of equipment with new technique for post ornament and processing of leather 35. Development and Manufacturing of new agriculture processing and storage equipment: new equipment for the processing, storage, preservation, classifying, packing, and drying of food, oil, vegetables, diried fruits and fresh fruits, flowers, meat and aqua-products; agricultural product quality testing equipment ; the quality detection equipment of agricultural products' damage; Rheometer; Farinograph; ultrafine pulverization equipment; Highly efficient dewatering equipment ; 5-grade plus high efficient fruit juice condensation equipment ; equipment for Disinfection of powder food in Media; Aseptic packaging equipment for Semi-solid and solid food; Packaging Materials for Aseptic packaging, DVS Bacteria Starter for Dairy Production, Disc-type Separation centrifuges, 36. Manufacturing of Agricultural machinery: facility agriculture equipment(greenhouse Automatic irrigation equipment, Autocontrol configuration and fertilization Equipment of Nutritious Liquid, Efficient vegetable nursery equipment, Soil nutrient analysis instruments), Tractor and associated farm tools with 120 kilowatts and above Matching engine power, Low fuel consumption, low noise and low-emission diesel engine, Spray Machines with Residual fog tablets Recovery Unit matching of large tractor, High-performance rice transplanter, Cotton harvesting machine, Adapted to a variety of row-spacing Self-moving Maize Reaping Machine(Hydraulic drive or mechanical drive) rapeseed harvester, sugar cane harvesters, beet

products' damage; Rheometer; Farinograph; ultrafine pulverization equipment; Highly efficient dewatering equipment ; 5-grade plus high efficient fruit juice condensation equipment ; equipment for Disinfection of powder food in Media; Aseptic packaging equipment for Semi-solid and solid food; Packaging Materials for Aseptic packaging, DVS Bacteria Starter for Dairy Production, Disc-type Separation centrifuges (39) Manufacturing of Agricultural machinery: facility agriculture equipment(greenhouse Automatic irrigation equipment, Autocontrol configuration and fertilization Equipment of Nutritious Liquid, Efficient vegetable nursery equipment, Soil nutrient analysis instruments), Tractor and associated farm tools with 120 kilowatts and above Matching engine power, Low fuel consumption, low noise and low-emission diesel engine, Spray Machines with Residual fog tablets Recovery Unit matching of large tractor, High-performance rice transplanter, Cotton harvesting machine, Adapted to a variety of row-spacing Self-moving Maize Reaping Machine(Hydraulic drive or mechanical drive) (40) Manufacturing of new technical forestry equipment (41) Manufacturing of equipment for reusing in fields and comprehensive utilization of straws and stalks of crop, Manufacturing of equipment for comprehensive utilization of Rice Husk (42) Manufacturing of equipment for comprehensive utilization of waste agriculture products and waste fowl and livestock products which are bred in scale (43) Manufacturing of festival fertilizer, pesticide section, water-saving technical Agriculture equipment (44) Manufacturing of cleaning equipment for electromechanical wells and equipments for Laundering drug	harvesters 37. Manufacturing of new technical forestry equipment 38. Manufacturing of equipment for straw collection, strapping ad comprehensive utilization 39. Manufacturing of equipment for comprehensive utilization of waste agriculture products and waste fowl and livestock products which are bred in scale 40. Manufacturing of festival fertilizer, pesticide section, water-saving technical agriculture equipment: all kinds of sprinklers, with a recovery of the spray particles flowing fog machines, agricultural soil (a variety of soil elements) determination of devices 41. Manufacturing of cleaning equipment for electromechanical wells and equipments for Laundering drug production 42. Manufacturing of electronic endoscopes 43. Manufacturing of Fundus Cameras 44. Manufacturing of Medical imaging equipments, key components (imaging device, X-ray computed tomography imaging equipment, digital color ultrasound diagnostic equipment, etc.) 45. Manufacturing of Medical Ultrasonic Transducer(3D) 46. Manufacturing of boron neutron capture therapy equipments 47. Appropriate type of image guided intensity modulated radiation therapy system 48. Manufacturing of Hemodialysis, Blood Filter 49. Manufacturing of equipment for auto elisa immuno system (including the functions of application of sample, elisa photo meter, wash plate, incubation, data, post treatment, etc.) 50. New techniques of quality control of medicine products and new equipment manufacturing

production (45) Manufacturing of electronic endoscopes (46) Manufacturing of Fundus Cameras (47) Manufacturing of Medical imaging equipments' Key components(high magnetic field intensity and superconduct MRI, CT, X-ray computed tomography, type-B ultrasonic) (48) Manufacturing of Medical Ultrasonic Transducer(3D) (49) Manufacturing of boron neutron capture therapy equipments (50) Manufacturing of X-ray Stereotactic Radiotherapy System (51) Manufacturing of Hemodialysis, Blood Filter (52) Manufacturing of equipment for auto elisa immuno system (including the functions of application of sample, elisa photo meter, wash plate, incubation, data, post treatment, etc.) (53) New techniques of quality control of medicine products and new equipment manufacturing (54) New analytical techniques and extraction technologies, and equipment development and manufacturing for the effective parts of traditional Chinese medicines (55) Producing and manufacturing of new packing materials, new containers for medicine, and advanced medicine producing equipment (56) Development and Manufacturing of equipment of new type of knitting machines, Key parts and Textile testing, laboratory equipment (57) Manufacturing of Computer Jacquard artificial fur machine (58) Manufacturing of Special Equipments for solar cell production (59) Development and Manufacturing of Pollution control equipments (60) Manufacturing of City Waste disposal equipments and	51. New analytical techniques and extraction technologies, and equipment development and manufacturing for the effective parts of natural medicines 52. Non-PVC medical infusion bags of water-cooled multi-layer coextrusion blown film equipment 53. Development and Manufacturing of equipment of new type of knitting machines, Key parts and Textile testing, laboratory equipment 54. Manufacturing of Computer Jacquard artificial fur machine 55. Manufacturing of Special Equipments for solar cell production 56. Air pollution control equipment: high temperature and corrosion-resistant filter, low-NOX burners, flue gas denitrification catalyst and nitrogen and complete sets of equipment, industrial organic waste gas purification equipment, diesel vehicle exhaust purification device, and containing heavy metal waste gas treatment plant 57. Pollution control equipment: horizontal screw centrifugal dehydrator, membrane and membrane material, 50kg / h above the ozone generator, 10kg / h above the chlorine dioxide generator, ultraviolet disinfection device, small rural sewage treatment equipment containing heavy metal waste water treatment plant 58. Solid waste treatment and disposal equipment: wastewater treatment plant sludge disposal and resource use of equipment, the processing capacity of 500 tons or more complete sets of equipment, waste incineration, landfill leachate treatment technology and equipment, impermeable geomembrane landfill construction waste disposal and resource utilization equipment, and hazardous waste treatment plants, landfill gas power generation plant, waste iron and steel scrap vehicle processing

equipments for Comprehensive Utilization of Rural organic waste (61) Manufacturing of Waste plastics, electronics, rubber, battery Recycling Equipments (62) Technology of hydrophily ecological system for protecting environment and equipment manufacturing (63) Development and Manufacturing of 100,000 cubic meters and above Daily production seawater desalination and recycling cooling technology and complete sets of equipments (64) Manufacturing of special Meteorological observation and analysis equipments (65) Development of Seismic station, Seismic Network, and Mobile seismological observation technology System, and Manufacturing of equipments (66) Manufacturing of three-drum radial tire building machines (67) Manufacturing of Rolling resistance testing machine and Tire noise lab (68) Manufacturing of new Heating measurement and Temperature Control Device Technical equipments (69) Manufacturing of preparation, storage and transportation equipment and inspection systems of hydrogen energy (70) Manufacturing of new Heavy residue gasification Atomization Nozzle, Steam leakage rate of 0.5 percent and below efficient Steam Traps, 1000 ° C and above high-temperature ceramic heat exchanger manufacturer (71) Manufacturing of Comprehensive Utilization of waste tire equipments	equipment, repair equipment, contaminated soil 59. Development and manufacturing of comprehensive utilization of red mud in the aluminum industry equipment 60. Equipment of Tailings utilization 61. Waste plastic, electrical appliances, rubber, battery recycling equipment recycling 62. Recycling and treatment equipment of waste textiles 63. Remanufacturing equipment of waste and old mechanical and electrical products 64. Manufacturing of comprehensive utilization device of waste tire 65. Technology of aquatic ecosystems for protecting environment and equipment manufacturing 66. Combination of mobile water purification equipment manufacturing 67. Non-conventional water treatment, reuse equipment and water quality monitoring equipment 68. Industrial water supply network and equipment (apparatus) of the leak detection apparatus and equipment 69. Development and Manufacturing of 100,000 cubic meters and above Daily production seawater desalination and recycling cooling technology and complete sets of equipments 70. Manufacturing of special Meteorological observation and analysis equipments 71. evelopment of Seismic station, Seismic Network, and Mobile seismological observation technology System, and Manufacturing of equipments 72. Manufacturing of three-drum radial tire building machines 73. Manufacturing of Rolling resistance testing machine and Tire noise lab 74. Manufacturing of new Heating measurement and

19. Communication and Transportation Equipment Industries (1) Manufacturing of complete automobiles (foreign investments shall not exceed 50%)and construction of automobiles research and development organization (2) Manufacturing of automobile engine, reused manufacture of engines and construction of engine research and development organization：gasoline motor with output per litre not lower than 50 kw, diesel motor with output per litre not lower than 40 kw and discharge capacity below 3 liters, diesel motor with	Temperature Control Device Technical equipments 75. Manufacturing of preparation, storage and transportation equipment and inspection systems of hydrogen energy 76. Manufacturing of new Heavy residue gasification Atomization Nozzle, Steam leakage rate of 0.5 percent and below efficient Steam Traps, 1000 ° C and above high-temperature ceramic heat exchanger manufacturer 77. Maritime oil spill Recollection equipment 78. Low concentration of coal mine gas and the no-wind utilization equipment (XIX) Communication and Transportation Equipment Industries 1. Manufacturing of automobile engine, construction of engine research and development organization：gasoline motor with output per litre not lower than 55 kw, diesel motor with output per litre not lower than 45 kw and discharge capacity below 3 liters, diesel motor with output per litre not lower than 35 kw and discharge capacity above 3 liters, motor driven by such new resources as fuel cells and compound fuel 2. Manufacturing of key spare parts for automobiles as well as research and development of key technologies: Double Clutch Transmission (DCT), electronically controlled mechanical transmission (AMT), gasoline engine turbocharger, viscous coupling (four-wheel drive), automatic transmission actuator (solenoid valve), hydraulic retarder, eddy current retarder, automobile airbag gas generators, common rail fuel injection technology (the maximum injection pressure is greater than 2000 Pa), variable geometry turbocharger (VGT), variable nozzle turbocharger (VNT), to achieve emission standards in China □ stage engine emission control devices, intelligent torque

output per litre not lower than 30 kw and discharge capacity above 3 liters, motor driven by such new resources as fuel cells and compound fuel (3) Manufacturing of key spare parts for automobiles as well as research and development of key technologies: complete disc brakes, complete driving rods, automatic gearboxes, fuel pumps of diesel engine, inhalant supercharger of engines, adhesive axial organ(used for four-wheel drive), hydraulic tappet, electronic cluster gauge, crankshaft and connecting bar(diesel motor above 8 liters), Anti - Lock Brake System(ABS, ECU, valve body, sensor) , ESP, BBW, electronic braking distribution system(EBD) , driving control system, gas generator for automobile airbags, electronic fuel injection system, sprays technology on fuel common rail technology(utmost spray pressure above 1600 pa) , VGT, VNT, discharge control equipment of motor meeting the pollutant discharge standard of the fourth phase of China, ITM and coupler assembly, Steer-by-Wire System, Diesel Particulate Filter(DPF), intelligent cylinder, special rubber automobile components (4) Production as well as research and development of automobile electronic devices: engine and underchassis control system as well as key spare parts, in-vehicle electronic technology (automobile information system and navigation system) , automobile electronic network technology (limited to joint ventures) , components for the input (sensor and sampling system) and the output(actuator) of electronic control system, EPS electronic controller(limited to joint ventures) , embedded electronic integration system(limited to joint ventures or cooperation) , electronic-controlled air suspension, ECS , electronic valve system equipment , electronic throttle, power	management (ITM) and the coupler assembly, wire steering system, diesel particulate traps and low floor buses dedicated bridge, energy absorbing steering system, medium-sized passenger car inverter air conditioning system, special rubber automobile accessories, and parts of the key parts, components 3. Automobile electronic devices and R & D: the engine and chassis control systems and key components, automotive electronic technology (automobile information systems and navigation systems), automotive electronic bus network technology (limited to joint ventures), electronic control system input (sensor and sampling system) and output (actuator) parts, electric power steering system electronic controller (limited to joint ventures), embedded electronic integration system (limited to joint ventures, cooperation), electronically controlled air springs, electronically controlled suspension system, electronic valve system devices electronic instrument cluster, ABS / TCS / ESP systems, circuit braking system (BBW), transmission electronic control unit (TCU), tire pressure monitoring system (TPMS), vehicle fault diagnostic (OBD), the engine anti-theft system, automatic collision collision systems, automotive, test and repair of motorcycles based detection system 4. The key components of new energy vehicles (foreign capital not exceeding 50%): Energy-type battery (energy density ≥ 110Wh/kg, cycle life ≥ 2000 times), battery cathode material (specific capacity of ≥ 150mAh / g, cycle life 2000 times the initial discharge capacity of not less than 80%), battery separator (thickness 15-40μm, porosity of 40% -60%); battery management systems, motor management systems, electric vehicles Electric control; electric vehicle drive motor (peak power density ≥ 2.5kW/kg, effective area: 65% of the work area efficiency ≥ 80%), automotive DC / DC (input voltage 100V-400V), high-power

cell(NiH and Li-con) and control system(limited to joint ventures) ，integrated motor and control system(limited to joint ventures) ，wheelboss motor, multifunction controller(limited to joint ventures) ，fuel cell and spare parts thereof, hydrogen storing systems for automobiles，testing system for experiment and maintaining of automobile and motorcycle models (5) Manufacturing of key parts for motorcycle：technology of electrical control fuel injection for motorcycle(limited to joint ventures or cooperation) , engine discharging device which satisfy motorcycle discharging criteria stage III of China (6) Equipment for railway transportation(limited to joint ventures or cooperation) ：research and development, design as well as manufacturing of complete train and key spare parts (drive system, control system, brake system) of rapid transit railway, railway of passenger special line, intercity railway, trunk railway and equipment for urban railway transportation ；research and development, design as well as manufacturing of passenger service facilities and equipment for rapid transit railway, railway of passenger special line, intercity railway and urban railway transportation ，design as well as research and development of related information system in the process of construction of information age ；research and development, design as well as manufacturing of railway and bridge facilities and equipments for rapid transit railway, railway of passenger special line, intercity railway ，manufacturing of equipment and fixtures for electrical railway, research and development of	electronic devices (IGBT, voltage ≥ 600V, current ≥ 300A) ; plug-in hybrid electromechanical coupling drive system; electric air conditioning, electric braking, electric power steering; idle start-stop system; wheel motor system, the fuel cell stack and components, automotive hydrogen storage systems, car chargers, non- Car charging equipment 5. Large displacement (displacement of> 250ml) motorcycle key components: Motorcycle EFI technology (limited to joint venture, cooperation), reaching the stage □ emission standards for motorcycles of engine emission control devices 6. Equipment for railway transportation(limited to joint ventures or cooperation) : research and development, design as well as manufacturing of complete train and key spare parts (drive system, control system, brake system) of rapid transit railway, railway of passenger special line, intercity railway, trunk railway and equipment for urban railway transportation ；research and development, design as well as manufacturing of passenger service facilities and equipment for rapid transit railway, railway of passenger special line, intercity railway and urban railway transportation ，design as well as research and development of related information system in the process of construction of information age ；research and development, design as well as manufacturing of railway and bridge facilities and equipments for rapid transit railway, railway of passenger special line, intercity railway ，manufacturing of equipment and fixtures for electrical railway, research and development of technologies for controlling railway noise and vibrating, manufacturing of discharging equipment for trains, manufacturing of safety monitoring equipment for railway transportation

technologies for controlling railway noise and vibrating, manufacturing of discharging equipment for trains, manufacturing of safety monitoring equipment for railway transportation (7) Design, manufacturing and maintaining of civil plane: those of trunk and branch lines(Chinese part shall hold the majority of shares) ，general ones(limited to joint ventures or cooperation) (8) Production and maintaining of spares parts for civil planes (9) Design and manufacturing of civil helicopters： those of three tons or more (Chinese part shall hold the majority of shares), those of less then three tons (limited to joint ventures or cooperation) (10) Production of spares parts for civil helicopters (11) Manufacturing of ground and water effect plane(Chinese part shall hold the majority of shares) (12) Design and manufacturing of no-people plane and aerostat(Chinese part shall hold the majority of shares) (13) Design, manufacturing and maintaining of plan engines and spare parts as well as air assistant power systems(limited to joint ventures or cooperation) (14) Design and manufacturing of civil air-borne equipment(limited to joint ventures or cooperation) (15) Design and manufacturing of civil rocket launcher(Chinese part shall hold the majority of shares) (16) Manufacturing of flight ground equipments: civil airfield facilities, support equipment for civil airfield work, ground equipment for flight test, equipment for flight simulation and practice, equipment for aeronautic testing and measuring, equipment for aeronautic ground testing, comprehensive testing equipment for machines, special equipment for aeronautic	7. Design, manufacturing and maintaining of civil plane: those of trunk and branch lines(Chinese part shall hold the majority of shares) ，general ones(limited to joint ventures or cooperation) 8. Production and maintaining of spares parts for civil planes 9. Design and manufacturing of civil helicopters： those of three tons or more (Chinese part shall hold the majority of shares), those of less then three tons (limited to joint ventures or cooperation) 10. Production of spares parts for civil helicopters 11. Manufacturing of ground and water effect plane(Chinese part shall hold the majority of shares) 12. Design and manufacturing of no-people plane and aerostat(Chinese part shall hold the majority of shares) 13. Design, manufacturing and maintaining of plan engines and spare parts as well as air assistant power systems(limited to joint ventures or cooperation) 14. Design and manufacturing of civil air-borne equipment(limited to joint ventures or cooperation) 15. Manufacturing of flight ground equipments: civil airfield facilities, support equipment for civil airfield work, ground equipment for flight test, equipment for flight simulation and practice, equipment for aeronautic testing and measuring, equipment for aeronautic ground testing, comprehensive testing equipment for machines, special equipment for aeronautic manufacturing, equipment for pilot manufacturing aeronautic materials, ground receiving and applying equipment for civil aircraft, ground testing equipment for rocket launcher, equipment for dynamic and environmental experience for rocket launcher

manufacturing, equipment for pilot manufacturing aeronautic materials, ground receiving and applying equipment for civil aircraft, ground testing equipment for rocket launcher, equipment for dynamic and environmental experience for rocket launcher (17) Manufacturing of mechanical and electrical products for aircrafts, temperature control products for aircrafts, test equipment for planet products and structure and organization products for aircrafts (18) Manufacturing of light gas-turbine engine (19) Design of vessels and equipment for ocean project of high and new technologies(limited to joint ventures or cooperation) (20) Maintaining, design and manufacturing of vessels (including stages) and equipment for ocean project(Chinese part shall hold the majority of shares) (21) Design and manufacturing of diesel engine for vessel of low, mid and high speed(limited to joint ventures or cooperation) (22) Design and manufacturing of spare parts for diesel engine for vessel(limited to joint ventures or cooperation) (23) Design and manufacturing of crankshafts of low and mid speed for diesel engine for vessel(Chinese part shall hold the majority of shares) (24) Design and manufacturing of stateroom machine and deck machine for vessels(Chinese part shall hold the relative majority of shares) (25) Design and manufacturing of communication and directing systems for vessels：communication systems, electronic directing equipment, vessel radar, electric compass automatic pilot, public broadcasting systems inside vessels and so on (26) Design and manufacturing of overseas fishing vessels and cabin cruiser (limited to joint ventures or cooperation)	16. Manufacturing of mechanical and electrical products for aircrafts, temperature control products for aircrafts, test equipment for planet products and structure and organization products for aircrafts 17. Manufacturing of light gas-turbine engine 18. Luxury cruise and Sham (3000 meters) the design of marine engineering equipment (limited to joint venture, cooperation) 19. Manufacture and repairmen of marine engineering equipment (including modules) (Chinese party shall control majority of shares) 20. Design and manufacturing of diesel engine and parts for vessel of low, mid speed (limited to joint ventures or cooperation) 21. Design and manufacturing of low and mid and high speed diesel engine and parts for vessel(Chinese part shall hold the majority of shares) 22. Design and manufacturing of stateroom machine for vessels(Chinese part shall hold the relative majority of shares) 23. Design and manufacturing of communication and directing systems for vessels：communication systems, electronic directing equipment, vessel radar, electric compass automatic pilot, public broadcasting systems inside vessels and so on 24. Design and manufacturing of cabin cruiser (limited to joint ventures or cooperation) (XX) Electric Machinery and Equipment Industries 1. Manufacture of the pivotal equipment of super-critical units of over 1,000, 000KW of fire and electricity station (limited to joint ventures and cooperative joint ventures) safety valve, control valve

20. Electric Machinery and Equipment Industries (1) Manufacture of the pivotal equipment of super-critical units of over 600,000 KW ，and over 1,000, 000KW of fire and electricity station (limited to joint ventures and cooperative joint ventures): boiler-feedwater pump, circular water pump, valve of main steam loop high temperature and pressure which is over 400℃work temperature and 20Mpa of work pressure (2) Manufacture of the equipment of Over million kilowatt Nuclear-power plant (limited to joint ventures and cooperative joint ventures) Pump and valve of Nucleus, Nucleus Ⅱ (3) Manufacture of the technic and equipment of Fire- electricity plant to decoke and saltpeter, hop-pocket dust catcher (4) Design and manufacture of the equipment of nucleus-electricity and fire-electricity airproof (5) Manufacture of the equipment of nuclear-power of great model casting-forge (6) Power transmitting and transforming equipment (limited to joint ventures and cooperative joint ventures): non-brilliant form transformer, high voltage implement great bushing, high voltage on-off operation implement, and freedom integer arc contact, direct current transmit electricity dried reactor, 6 inch direct current convertor clique high-power grain-valve tube, electrical apparatus contact material, and non-Pb, non-Cd solder accorded with EU command of RoHS (7) Manufacture of the equipment of New energy electricity-power (limited to joint ventures and cooperative joint ventures): photovoltaic power , geothermal power generation, tidal power generation, wave power generation, rubbish power generation, methane power generation, wind power generation over 1.5M (8) Manufacture of stirling generating set	2. Manufacture of the equipment of Over million kilowatt Nuclear-power plant (limited to joint ventures and cooperative joint ventures) Pump and valve of Nucleus, Nucleus Ⅱ 3. Coal-fired power plants, iron and steel industry, sintering machine denitrification equipment manufacturing 4. Design and manufacture of the equipment of nucleus-electricity and fire-electricity airproof 5. Manufacture of the equipment of nuclear-power of great model casting-forge 6. Power transmission equipment manufacturing (limited to joint venture and cooperation): amorphous alloy transformer, 500 kV and above high-voltage switch with operating mechanism, arc devices, large pots insulator (1000 kV, 50 kA or more) 500 kV and above transformer with outlet device, the casing (500,750,1000 kV AC and DC all the specifications), Tap (kV AC 500,750,1000 load, no-load voltage switch), DC transmission with a dry flat reactor, ± 800 kV DC transmission with a converter valve (water-cooled equipment, the DC field equipment), in line with the EU RoHS directive and non-electrical contact materials for Pb, Cd solder manufacturing 7. New energy power generation equipment or key equipment manufacturing (limited to joint venture and cooperation): photovoltaic power, geothermal power, tidal power, wave power generation, waste power generation, gas generation, and over 3 megawatts of wind power generation equipment 8. 350MW and above rated power of large pumped storage units (limited to joint venture and cooperation): pump-turbine and governor, large variable speed reversible pump-turbine group, power generation and motor excitation, starting devices and other ancillary equipment design and system integration Simulation

(9) Empolder and manufacture of straight line and plane motor and drive system (10) Manufacture of solar air conditioning, heating system, solar dryer (11) Manufacture of biomass drying pyrolysis system, biomass, gasification unit (12) Manufacture of ac-fm voltage regulation drawbar (13) Manufacture of intelligent moulded case circuit ,(3800V, 1000A), large project intelligent cabinet or drawer type circuit breaker, belt- type intelligent electronic control distribution device	9. Manufacturing of stirling generator set 10. Empolder and manufacture of straight line and plane motor and drive system 11. High-tech green battery manufacture: dynamic nickel-hydrogen batteries, nickel-zinc batteries, silver zinc batteries, lithium ion batteries, solar cells, fuel cells 12. DC motor speed control technology, refrigeration and air conditioning compressor, using the natural refrigerant CO2 refrigeration and air conditioning compressors, application of renewable energy sources (air source, water source, ground source) refrigeration and air conditioning equipment 13. Manufacture of solar air conditioning, heating system, solar dryer 14. Manufacture of biomass drying pyrolysis system, biomass, gasification unit 15. Manufacture of ac-fm voltage regulation drawbar
21. communication equipment, computer and other electronic equipment manufacturing (1) Digital video camera, digital sound-playing equipment and player equipment manufacturing (2) Manufacture of flat panel display such as TFT-LCD, PDP, OLED, FED(including SED) and the material of flat panel display (3) Manufacture of such parts as optical engine, light source, projection screen, high-resolution projection tube and LCOS module used in large screen color projection display	(XXI) communications equipment, computers and other electronic equipment manufacturing 1. Manufacture of flat panel display such as TFT-LCD, PDP, OLED, FED(including SED) and the material of flat panel display 2. Manufacture of such parts as optical engine, light source, projection screen, high-resolution projection tube and LCOS module used in large screen color projection display (excluding 6and 6 on behalf of the following generation of TFT-LCD glass substrate) 3. Manufacture of digital audio and visual coding or decoding equipment, digital broadcasting TV studio equipment, digital cable TV system equipment, digital audio broadcast transmission equipment, digital television converter, digital television

(4) Manufacture of digital audio and visual coding or decoding equipment, digital broadcasting TV studio equipment, digital cable TV system equipment, digital audio broadcast transmission equipment, digital television converter, digital television broadcasting Single Frequency Network(SFN), satellite digital TV up-linking station, front-emd equipment manufacturing of SMATV (5) Manufacture of high-performance single-lens reflex with more than 6 million pixels (6) Design of integrate circuit, and manufacture of large digital integrate circuit with its wire width less than 0.18 micron, manufacture of simulated and digital analogy integrate circuit less than 0.8 micron and the encapsulation and test of such advanced equipment as BGA, PGA, CSP, MCM (7) Large and medium-sized computer, high-performance computer with its operation more than 100 trillion times, portable micro computer, high-rank server with its operation more than 1 trillion times per second, large scale simulated system, large industrial controller and the manufacture of controller (8) Manufacture of computer digital signal process system and board card (9) Manufacture of figure and image recognition process system (10) Development and manufacture of large-capability optical and disk driver (11) Manufacture of high-speed storage system and intelligent storage equipment with its capability more than 100 TB (12) Manufacture of large-breath(more than 900mm) high-definition colored printing equipment, high-definition colored printer head with its precision more than 2400dbi, and large-breath(more than 900mm) high-definition colored Xerox	broadcasting Single Frequency Network(SFN), satellite digital TV up-linking station, front-emd equipment manufacturing of SMATV 4. Design of integrate circuit, and manufacture of large digital integrate circuit with its wire width less than 0.18 micron, manufacture of simulated and digital analogy integrate circuit less than 0.8 micron and the encapsulation and test of such advanced equipment as BGA, PGA, CSP, MCM 5. Large and medium-sized computer, high-performance computer with its operation more than 100 trillion times, portable micro computer, high-rank server with its operation more than 1 trillion times per second, large scale simulated system, large industrial controller and the manufacture of controller 6. Manufacture of computer digital signal process system and board card 7. Manufacture of figure and image recognition process system 8. Development and manufacture of large-capability optical and disk driver 9. Manufacture of high-speed storage system and intelligent storage equipment with its capability more than 100 TB 10. Manufacture of Computer Assistance Design(three-dimensional CAD) , Computer Assisted Testing (CAT) , Computer Aided Manufacture(CAM) , Computer Aided Engineering(CAE) and other computer application system 11. Development and manufacture of software product 12. Development and manufacture of specialized electronic material(excluding the development and manufacture of optical fibre perform rod) 13. Manufacture of specialized equipment, testing equipment, tools and moulds

equipment (13) Manufacture of Computer Assistance Design(three-dimensional CAD) , Computer Assisted Testing (CAT) , Computer Aided Manufacture(CAM) , Computer Aided Engineering(CAE) and other computer application system (14) Development and manufacture of software product (15) Development and manufacture of specialized electronic material(excluding the development and manufacture of optical fibre perform rod) (16) Manufacture of specialized equipment, testing equipment, tools and moulds (17) Manufacture of new type electronic components and parts :slice components, sensitive components and sensors, frequency monitoring and selecting components, mix integrated circuit, electrical and electronic components, photoelectric components, new type components for machinery and electronics, high-density interlinked build-up board, multilayer flexible board, flexible printing circuit board and packaging substrate (18) High-tech green battery manufacture: dynamic zinc and nickel storage cell, zinc and silver storage cell, lithium-ion batteries, high-capability, air-proof and repair-free lead-acid battery, solar battery, fuel battery, column-shaped zinc-air battery and etc. (19) High-brightness LBD with its luminous efficiency more than 501m/W, epitaxial slice LBD(blue) with its luminous efficiency more than 501m/W, white luminous tube with luminous efficiency more than 501m/W and its power more than 200mW (20) Development and manufacture of RFID chip (21) Development and manufacture of key components and parts used in high-precision digital CD drive	14. Manufacture of new type electronic components and parts :slice components, sensitive components and sensors, frequency monitoring and selecting components, mix integrated circuit, electrical and electronic components, photoelectric components, new type components for machinery and electronics, high-density interlinked build-up board, multilayer flexible board, flexible printing circuit board and packaging substrate 15. Touch System (touch screen, touch components, etc.) 16. High-brightness LBD with its luminous efficiency more than 100lm/W, epitaxial slice LBD(blue) with its luminous efficiency more than 100 lm/W, white luminous tube with luminous efficiency more than 100lm/W and its power more than 200mW 17. Development and manufacture of key components and parts used in high-precision digital CD drive 18. Reproduction of read-only compact disk and manufacture of recordable compact disk 19. Design and manufacture of civil satellites {Chinese partner shall hold the majority of shares} 20. Manufacture of civil satellites effective payload (Chinese partner shall hold the majority of shares) 21. Manufacture of spare pans for civil satellites 22. Manufacture of telecommunication system equipment for satellites 23. Manufacture of receiving equipment of satellite navigation and key components 24. manufacture of optical communication measurement and instrument and light transceiver with its speed more than 10Gb/s 25. Ultra Broad Band (UWB) communication equipment manufacture

(22) Reproduction of read-only compact disk and manufacture of recordable compact disk (23) Design and manufacture of civil satellites {Chinese partner shall hold the majority of shares} (24) Manufacture of civil satellites effective payload (Chinese partner shall hold the majority of shares) (25) Manufacture of spare pans for civil satellites (26) Manufacture of telecommunication system equipment for satellites (27) Manufacture of receiving equipment of satellite navigation and key components (28) manufacture of optical communication measurement and instrument and light transceiver with its speed more than 10Gb/s (29) Ultra Broad Band (UWB) communication equipment manufacture (30) Manufacture of wireless Local Area Network(Wide Area Network) (31) Manufacture of Optical Cross Connect(OXC) , Automatic Switch Optical Network(ASON) , optical fiber communication and transmission equipment more than 40G/sSDH and Coarse Wave Division Multiplexing(CWDM) (32) Manufacture of Asynchronous Transfer Mode(ATM) and IP digital communication system (33) Development and manufacture of third-generation and the following mobile communication system mobile phone, base station, core network equipment and network testing equipment (34) Development and manufacture of high-end router, network switcher more than 1 kilomega (35) Manufacture of air traffic control system equipment(limited to joint venture and cooperation)	26. Manufacture of wireless Local Area Network(Wide Area Network) 27. 40Gbps and above the rate of time-division multiplexing equipment (TDM), dense wavelength division multiplexing equipment (DWDM), Broadband Passive network equipment (including EPON, GPON, WDM-PON, etc.), next-generation DSL silicon and equipment, light Cross Connect (OXC), automatic optical switching network equipment (ASON), 40G/sSDH optical fiber communications transmission equipment of the above 28. Based on IPv6, the next generation Internet system equipment, terminal equipment, testing equipment, software, chip development and manufacturing 29. Development and manufacture of third-generation and the following mobile communication system mobile phone, base station, core network equipment and network testing equipment 30. Development and manufacture of high-end router, network switcher more than 1 kilomega 31. Manufacture of air traffic control system equipment(limited to joint venture and cooperation) (XXII) Machinery Industries for Instrument and Meter, Culture and Office 1. Industrial process control system and device manufacturing: field bus control system, large-scale programmable logic controller (PLC), two-phase flow, solid flow meter, new sensors and field instrumentation

22. Machinery Industries for Instrument and Meter, Culture and Office (1) Manufacture of field-bus control system and its key components and parrts (2) Development and manufacture of large-scale sophisticated instruments: including electron microscope, laser scanning microscope, scanning tunneling microscope, laser with its power more than 2kw, industrial chromatograph, GC/MS, nuclear magnetic resonance spectrometer, energy dispersive analysis system, X-ray fluorescence spectrometer, diffraction analysis system, industrial CT, large-scale balance measuring machine, automatic testing system of on-line mechanical quality, ultra-speed centrifuge with its rotating speed more than 100000r/min, large-scale metallurgical microscope, three coordinate measuring machine, laser comparator, electrical prospecting instrument, airborne electrical prospecting and gamma-ray spectrometry measuring instrument more than 500 m, borehloe gravimetry and 3-dimensional magnetograph, high-precision microgal and aviation gravity gradiometer, High-performance welding rare earth material with permanent magnetism, portable geological radar (3) Manufacture of high-precision digital voltmeter, current meter(with measuring range of seven bit and a half and above) (4) Wattless Power manufacture of automatic compensation equipment (5) Manufacture of two-phase flowmeter and solid flowmeter (6) Manufacture of automatic plating machine for electron gun (7) Manufacture of industrial NDT X-ray equipment governing the volt more than 800 kv (8) Manufacture of new technical equipment for safety production and environmental protection	2. Large-scale development and manufacture of precision instruments: electron microscopy, laser scanning microscopy, scanning tunneling microscopy, electron probe, large optical microscope, photoelectric direct reading spectrometer, Raman spectroscopy, mass spectrometry, chromatography - mass spectrometry, nuclear magnetic resonance spectrometer, energy dispersive spectroscopy, X-ray fluorescence spectrometer, diffraction, industrial CT, 450KV industrial X-ray detection machine, large dynamic balancing testing machine, on-line mechanical quantity automatic detection system, coordinate measuring machines, laser than long instrument, electrical prospecting meter, 500m above the airborne electrical and gamma ray spectrometry equipment, borehole gravity and three-component magnetometer, high-precision micro-gravity and airborne gravity gradient gamma measuring instruments, grid ruler, the encoder 3. Manufacture of high-precision digital voltmeter, current meter(with measuring range of seven bit and a half and above) 4. Wattless Power manufacture of automatic compensation equipment 5. Manufacture of new technical equipment for safety production 6. VXI bus automatic test system (in accordance with IEEE1155 international standards) 7. Development and manufacture comprehensive management system for under-mine monitoring and disaster-forecasting apparatus and coal safety measurement 8. Manufacture of the equipment for engineering measurement and global geographical observation equipment: digital triangle surveying system, Digital programmed system for three-dimensional topography model (acreage>1000×1000mm,

(9) VXI bus automatic test system (in accordance with IEEE1155 international standards) (10) Development and manufacture comprehensive management system for under-mine monitoring and disaster-forecasting apparatus and coal safety measurement (11) Manufacture of the equipment for engineering measurement and global geographical observation equipment: digital triangle surveying system, Digital programmed system for three-dimensional topography model (acreage>1000×1000mm, horizontal error<1mm, altitude error <0.5mm), ultral wideband seismograph(ϕ < 5cm, frequency band0.01-50HZ, equivalent quaking speed noise<10-9m/s), integrated earthquake data processing system, extensive under-well earthquake and auspice observation apparatus, sophisticated controllable epicenter system, engineering velocity measuring system, high-precision GPS receiver (precision 1mm + 1ppmm), INSAR graphics receiving and processing system, absolute gravimeter with the precision less than 1 microgal, satellite gravimeter, Doppler weather radar adopting coherent technology or double polarization technology, visibility measuring apparatus, meteorological sensor, (including temperature, pressure, humidity, wind, precipitation, cloud, visibility, radiation, frozen earth, depth of snow), anti lightning stroke system, multilevel soot and dust sampler, three-dimension supersonic anemoscope, high-precision intelligent total station machine, three-dimensinal laser scanner, high performance diamond bit used for drilling, laser rangerfinder without cooperative target, wind profiler(affixed with RASS) ， GPS electronic probe system, CO2/H2O general observation system, boundary layer laser doppler radar, granule chromatography, (3nm-20μm) , high-	horizontal error<1mm, altitude error <0.5mm), ultral wideband seismograph(ϕ < 5cm, frequency band0.01-50HZ, equivalent quaking speed noise<10-9m/s), integrated earthquake data processing system, extensive under-well earthquake and auspice observation apparatus, sophisticated controllable epicenter system, engineering velocity measuring system, high-precision GPS receiver (precision 1mm + 1ppmm), INSAR graphics receiving and processing system, absolute gravimeter with the precision less than 1 microgal, satellite gravimeter, Doppler weather radar adopting coherent technology or double polarization technology, visibility measuring apparatus, meteorological sensor, (including temperature, pressure, humidity, wind, precipitation, cloud, visibility, radiation, frozen earth, depth of snow), anti lightning stroke system, multilevel soot and dust sampler, three-dimension supersonic anemoscope, high-precision intelligent total station machine, three-dimensinal laser scanner, high performance diamond bit used for drilling, laser rangerfinder without cooperative target, wind profiler(affixed with RASS) ， GPS electronic probe system, CO2/H2O general observation system, boundary layer laser doppler radar, granule chromatography, (3nm-20μm) , high-performance data collector, under-water glider 9. Manufacture of environment motoring apparatus: SO2 automatic sampler and calcimeter, NOX, NO2 automatic sampler and calcimeter, O3 automatic monitor, CO automatic monitor, automatic sampler and calcimeter for soot and dust, automatic sampler and calcimeter for soot, portable calcimeter for harmful and toxic gas, automatic analyzer for organic pollutants in the air, COD automatic online monitor, BOD automatic online monitor, automatic online monitor for turbidity, DO automatic

performance data collector, under-water glider (12) Manufacture of new-tech equipment of environmental-protection testing instrument: air quality testing, water quality testing, new-tech equipment of fume on-line detecting instrument, apparatus for emergency treatment and complete-set new differential coefficient analysis system, automatic calibration, composite, low-drift, on-line remote measurement and remote controlled apparatus and system and etc. (13) Manufacture of air-pollution prevention and control equipment: high-temperature-proof and erosion-proof filtering material, wet desulfurization complete-set equipment in coal-fueling factory, low-NOX fueling equipment, catalysts for denitrification of fuel gas and complete set of denitrification equipment, purified equipment for the polluted organic gas, purified equipment for gas expelled from diesel-driven automobile (14) Manufacture of equipment for water-pollution prevention and control: horizontal screw centrifugal dehydrator, membrane and its material, ozonizer more than 10kg/h, NO2 generator with more than 10kg/h, ultraviolet disinfection device, small domestic sewage treatment device in the rural area (15) Manufacture of the equipment for treating solid refuse: earth- leak-proof membrane in refuse burying factory, the device for treating dangerous solid waster, methane-for-electricity equipment in refuse burying factory, the equipment for comprehensively using the domestic animal and fowl waste in large scale (16) Manufacture of environment motoring apparatus: SO2 automatic sampler and calcimeter, NOX, NO2 automatic sampler and calcimeter, O3 automatic monitor, CO automatic monitor, automatic sampler and calcimeter for soot and dust, automatic	online monitor, TOC automatic online monitor, Automatic online monitor for ammonia nitrogen, radiation dose monitor, ray analyzer, heavy metal on-line monitoring equipment, on-line early warning of biological toxicity of the water quality monitoring equipment 10. Manufacture of instrument and equipment for hydrological data collecting, processing, transmitting and flood warning 11. Manufacture of ocean exploring apparatus and equipment: deep-sea underwater video camera and underwater camera, multi-beam explorer, shallow and deeper subbottom profiler, navigation warm-salt profiler, fluxgate compass, hydraulic wire line winch, underwater airproof electronic connector, energy recycle device used in filtration-proof seawater desaltation with its efficiency more than 90%, high-pressure pump used in filtration-proof seawater desaltation with its efficiency more than 85%, filtration-proof seawater desaltation membrane(desaltation rate more than 99.7%), low-temperature multifunction distilled seawater desaltation equipment with its daily production more than 20, 000 tons, Marine ecosystem inspection buoy, section probing buoy, disposable measuring instrument of electrical conductivity, temperature and depth (XCTD), on-the-spot water quality measuring apparatus, intelligent chemical transducer for measuring the water quality of the ocean (continues work for 3-6 months), electromagnetic current meter sensor, navigating acoustic Doppler current profiler(self-contained, direct-read, used-in-ship), electricity conductivity rate deep-section profiler, acoustic responding emancipator(set deep into the ocean) 12.Manufacturing of above 1000 megapixel digital camera 13. Office Machinery Manufacturing: color-in-one machines, color printing equipment, precision high-resolution color printers

sampler and calcimeter for soot, portable calcimeter for harmful and toxic gas, automatic analyzer for organic pollutants in the air, COD automatic online monitor, BOD automatic online monitor, automatic online monitor for turbidity, DO automatic online monitor, TOC automatic online monitor, Automatic online monitor for ammonia nitrogen, radiation dose monitor, ray analyzer (17) Manufacture of instrument and equipment for hydrological data collecting, processing, transmitting and flood warning (18) Manufacture of ocean exploring apparatus and equipment: deep-sea underwater video camera and underwater camera, multi-beam explorer, shallow and deeper subbottom profiler, navigation warm-salt profiler, fluxgate compass, hydraulic wire line winch, underwater airproof electronic connector, energy recycle device used in filtration-proof seawater desaltation with its efficiency more than 90%, high-pressure pump used in filtration-proof seawater desaltation with its efficiency more than 85%, filtration-proof seawater desaltation membrane(desaltation rate more than 99.7%), low-temperature multifunction distilled seawater desaltation equipment with its daily production more than 20, 000 tons, Marine ecosystem inspection buoy, section probing buoy, disposable measuring instrument of electrical conductivity, temperature and depth (XCTD), on-the-spot water quality measuring apparatus, intelligent chemical transducer for measuring the water quality of the ocean (continues work for 3-6 months), electromagnetic current meter sensor, navigating acoustic Doppler current profiler(self-contained, direct-read, used-in-ship), electricity conductivity rate deep-section profiler, acoustic responding emancipator(set deep into the ocean) 23. Other manufacturing industries	2400dbi and above nose and drum 14. Film Machinery Manufacturing: 2K, 4K digital cinema projectors, digital movie cameras, digital video production, editing equipment (XXIII) Handicrafts and other manufacturing 1. Development and utilization of clean-coal technical product (coal gasification, coal liquefaction, water-coal, industrial lump-coal) 2. Coal ore dressing by washing and comprehensive utilization of powered coal (including desulphurized plaster), coal gangue 3. Production of the all biodegradable material 4. Waste plastics, electrical and electronic products, automobiles, electrical equipment, rubber, metal, battery recycling

(1) Development and utilization of clean-coal technical product (coal gasification, coal liquefaction, water-coal, industrial lump-coal) (2) Coal ore dressing by washing and comprehensive utilization of powered coal (including desulphurized plaster), coal gangue (3) Production of the all biodegradable material IV. Production and Supply of Power, Gas and Water 1. Construction and operation of electricity power by employing the clean fuel technology of integral gasification combined circulation (IGCC), circulating fluidized bed more than 0.3 million kw, Pressurized Fluidized Bed Combustion Combined Cycle(PFBC) more than 0.1 million kw 2. Construction and operation of back pressure combined and heat power 3. Construction and management of hydropower stations with the main purpose of power generating 4. Construction and management of nuclear-power plants (Chinese partner shall hold the majority of shares) 5. Construction and management of new energy power plants (solar energy, wind energy, magnetic energy, geothermal energy, tide energy and biological mass energy, etc.) 6. Utilization of sea water(direct use of sea water, seawater desaltation),using industrialization to recycle industrial sewage 7. Construction and operation of urban water-supply plant V. Communication and Transportation, Storage, Post 1. Construction and management of grid of national trunk railways (Chinese partner shall hold the majority of shares) 2. Construction and management of feeder railways, local railways and related bridges, tunnels and ferry facilities (limited	IV. Production and Supply of Power, Gas and Water 1. Construction and operation of electricity power by employing the clean fuel technology of integral gasification combined circulation (IGCC), circulating fluidized bed more than 0.3 million kw, Pressurized Fluidized Bed Combustion Combined Cycle(PFBC) more than 0.1 million kw 2. Construction and operation of back pressure combined and heat power 3. Construction and management of hydropower stations with the main purpose of power generating 4. Construction and management of nuclear-power plants (Chinese partner shall hold the majority of shares) 5. Construction and management of new energy power plants (solar energy, wind energy, magnetic energy, geothermal energy, tide energy and biological mass energy, etc.) 6. Utilization of sea water(direct use of sea water, seawater desaltation),using industrialization to recycle industrial sewage 7. Construction and operation of urban water-supply plant 8. Recycling plant construction, operation 9. Motor vehicle charging stations, battery replacement station construction and operation V. Transportation, Storage and Post 1. Construction and management of grid of national trunk railways (Chinese partner shall hold the majority of shares) 2. Construction and management of feeder railways, local railways and related bridges, tunnels and ferry facilities (limited to joint ventures or cooperation) 3. Comprehensive maintenance of infrastructure of high-speed railway, special railway line, intercity (Chinese partner shall hold

to joint ventures or cooperation) 3. Comprehensive maintenance of infrastructure of high-speed railway, special railway line, intercity (Chinese partner shall hold the majority of shares) 4. Construction and management of highways, independent bridges and tunnels 5. Road freight transportation companies 6. Construction and management of public dock facilities of ports 7. Construction and management of civil airports (the Chinese party shall hold the relative majority of shares) 8. Air transportation companies (Chinese partner shall hold the majority of shares) 9. General aviation companies for agriculture, forest and fishery (limited to joint ventures or cooperation) 10. International liner and tramp maritime transportation business (the Chinese party shall hold the relative majority of shares) 11. International containers inter-model transportation 12. Construction and management of oil (gas) pipelines, oil (gas) depots and petroleum wharf 13. Construction and management of the facilities of coal delivery pipelines 14. Construction and management of storage facilities relating to transportation services VI. Wholesale and Retail Trade Industry 1. Wholesale, retail and logistic distribution of general goods 2. Modern logistics	the majority of shares) 4. Construction and management of highways, independent bridges and tunnels 5. Road freight transportation companies 6. Construction and management of public dock facilities of ports 7. Construction and management of civil airports (the Chinese party shall hold the relative majority of shares) 8. Air transportation companies (Chinese partner shall hold the majority of shares) 9. General aviation companies for agriculture, forest and fishery (limited to joint ventures or cooperation) 10. International liner and tramp maritime transportation business (the Chinese party shall hold the relative majority of shares) 11. International containers inter-model transportation 12. Construction and management of oil (gas) pipelines, oil (gas) depots and petroleum wharf 13. Construction and management of the facilities of coal delivery pipelines 14. Construction and management of storage facilities relating to transportation services VI. Wholesale and Retail Trade Industry 1. The joint distribution of general merchandise, fresh produce and low-temperature distribution and other logistics-related technical services 2. Rural distribution chain VII. Rent and business service 1. Accounting and auditing (limited to joint ventures or

VII. Rent and business service 1. Accounting and auditing ((limited to joint ventures or partnership) 2. Information consulting agencies of international economy, science and technology, environmental protection 3. Engaged in such information technology and business flow outsourcing services as system application management and maintenance, information technology supportive management, bank background service, financial settlement, human resource service, software development, call center, data processing by means of accepting service outsourcing VIII. Scientific research, technology service and geological exploration 1. Biological engineering technique and bio-medical engineering technique 2. Isotope, irradiation and laser technique 3. Sea development and sea energy development technology, comprehensive technology of sea chemical resources, development of the relevant products and deep-processing technology, sea medicine and biochemical product development technology 4. Sea surveying technology(sea tidal wave, meteorology, environmental monitoring) sea bed probing, exploration and evaluation technology of ocean resource 5. Comprehensively use the high chemical additional value technology to distill chemical potassium, bromine, magnesium from dense sea water after desaltation and its deep procession 6. Development of energy-saving technology 7. Technology for recycling and comprehensive utilization of resource, development and application of the recycling	partnership) 2. Information consulting agencies of international economy, science and technology, environmental protection 3. Engaged in such information technology and business flow outsourcing services as system application management and maintenance, information technology supportive management, bank background service, financial settlement, human resource service, software development, offshore call center, data processing by means of accepting service outsourcing 4. VC company 5. IPR service VIII. Scientific research, technology service and geological exploration 1. Biological engineering technique and bio-medical engineering technique 2. Isotope, irradiation and laser technique 3. Sea development and sea energy development technology, comprehensive technology of sea chemical resources, development of the relevant products and deep-processing technology, sea medicine and biochemical product development technology 4. Sea surveying technology(sea tidal wave, meteorology, environmental monitoring) sea bed probing, exploration and evaluation technology of ocean resource 5. Comprehensively use the high chemical additional value technology to distill chemical potassium, bromine, magnesium from dense sea water after desaltation and its deep procession 6. Offshore oil pollution cleanup and ecological restoration technology and related product development, water eutrophication control technology, the explosive growth of

technology of the waste dispelled by enterprises 8. Technology for environment pollution treatment and monitoring 9. Energy-saving and consumption-reduction in chemical fiber production and the new technology to deal with polluted air,water and solid waste 10. Technology for preventing from desertification and desert improvement 11. Comprehensive management technology for balancing grass and domestic animal 12. Application technique of civil satellite 13. Research and development centers 14. Incubator for hi-tech, new products developing, and incubation of enterprises	marine disaster prevention technology, remediation of coastal environment 7. Development of energy-saving technology 8. Technology for recycling and comprehensive utilization of resource, development and application of the recycling technology of the waste dispelled by enterprises 9. Technology for environment pollution treatment and monitoring 10. Energy-saving and consumption-reduction in chemical fiber production and the new technology to deal with polluted air,water and solid waste 11. Technology for preventing from desertification and desert improvement 12. Comprehensive management technology for balancing grass and domestic animal 13. Application technique of civil satellite 14. Research and development centers 15. Incubator for hi-tech, new products developing, and incubation center of enterprises
IX. Water, environment and public facility management industry 1. Construction and management of key water control projects for comprehensive utilization (the Chinese party shall hold the relative majority of shares) 2. Construction and management of urban access-controlled	IX. Water, environment and public facility management industry 1. Construction and management of key water control projects for comprehensive utilization (the Chinese party shall hold the relative majority of shares) 2. Construction and management of urban access-controlled roads 3. Construction and management of metro and city light rail (Chinese partner shall hold the majority of shares) 4. Construction and management of treatment plants for sewage, garbage, the dangerous wastes (incineration and landfill), and the facilities of environment pollution treatment

roads 3. Construction and management of metro and city light rail (Chinese partner shall hold the majority of shares) 4. Construction and management of treatment plants for sewage, garbage, the dangerous wastes (incineration and landfill), and the facilities of environment pollution treatment X. Education 1. Advanced educational institution (only limited to joint venture or cooperative) XI. Public health, social security and social welfare 1. Service agencies for the elderly, the handicapped and children XII. Culture, sports and entertainment 1. Operation of the performance site ((the Chinese party shall hold the relative majority of shares) 2. Operation of the gymnasium, body-fitting, competition performance, sports training and agency service **Catalogue of Restricted Foreign Investment Industries** I. Farming, Forestry, Animal Husbandry and Fishery Industries 1. Breeding and seeds developing production of new train crop breed (Chinese party shall hold the majority of shares) 2. Processing of the logs of precious varieties of trees (limited to joint ventures or cooperation) 3. Cotton (raw cotton) processing II. Mining Industries 1. Exploring and mining of special and scarce coals exploration (Chinese partner shall hold the majority of shares) 2. Exploring and mining of barite (limited to joint ventures or	X. Education 1. Education institutes (equity joint venture, cooperation) 2. Vocational skills training XI. Public health, social security and social welfare 1. Service agencies for the elderly, the handicapped and children XII. Culture, sports and entertainment 1. Operation of the performance site ((the Chinese party shall hold the relative majority of shares) 2. Operation of the gymnasium, body-fitting, competition performance, sports training and agency service **Catalogue of Restricted Foreign Investment Industries** I. Farming, Forestry, Animal Husbandry and Fishery Industries 1. Breeding and seeds developing production of new train crop breed (Chinese party shall hold the majority of shares) 2. Processing of the logs of precious varieties of trees (limited to joint ventures or cooperation) 3. Cotton (raw cotton) processing II. Mining Industries 1. Exploring and mining of special and scarce coals exploration (Chinese partner shall hold the majority of shares) 2. Exploring and mining of barite (limited to joint ventures or cooperation) 3. Exploring and mining of precious metals (gold, silver, platinum families) 4. Diamond, alumina refractory clay, wollastonite, graphite, and

cooperation) 3. Exploring and mining of precious metals (gold, silver, platinum families) 4. Exploring and mining of precious non-metals such as diamond 5. Exploring and cradling of phosphorite 6. Mining of szaibelyite and szaibelyite iron ores 7. Mining of Celestine 8. Mining of Ocean Manganese Nodule(Chinese partner shall hold the majority of shares) III. Manufacturing Industries 1. Farming Subsidiary Foodstuff Industry (1) Processing of soybean, rapeseed edible oil (Chinese partner shall hold the majority of shares), deep-processing of corn (2) Manufacturing of biology liquid fuel (fuel ethanol, biodiesel) 2. Beverage Manufacturing Industries (1) Yellow rice wine, famous wine production (Chinese partner shall hold the majority of shares) (2) Carbonic acid beverage manufacturing 3. Tobacco Industries (1) Manufacturing of threshing and curl tobacco leaf 4. Printing and Copy of Recording Vehicle (1) Print of publication (Chinese partner shall hold the majority of shares, except packing and presentation)	other important non-metallic mineral exploration and mining 5. Exploring and cradling of phosphorite, lithium ore and pyrite, extraction of salt lake brine resources 6. Mining of szaibelyite and szaibelyite iron ores 7. Mining of Celestine 8. Mining of Ocean Manganese Nodule(Chinese partner shall hold the majority of shares) III. Manufacturing Industries (I) Farming Subsidiary Foodstuff Industry 1. Processing of soybean, rapeseed, peanut, cotton seed, tea seed oil and other edible oil processing (Chinese partner shall hold the majority of shares), deep-processing of corn (2) Manufacturing of biology liquid fuel (fuel ethanol, biodiesel) (II) Beverage Manufacturing Industries 1. Yellow rice wine, famous wine production (Chinese partner shall hold the majority of shares) (III) Tobacco Industries 1. Manufacturing of threshing and curl tobacco leaf (IV) Printing and Copy of Recording Vehicle 1. Print of publication (Chinese partner shall hold the majority of shares) (V) Petroleum Processing and Coking and Nuclear Fuel 1. atmospheric and vacuum refining with output of less than 1000 tons / year, FCC with output of less than 150 million tons /, CCR (including aromatic extraction) with output of less than 100 tons / years, production of hydrocracking with output of less

5. Petroleum Processing and Coking Industries (1) Construction and management of refineries which annual produce less than 800 ten thousand tons 6. Chemical Raw Material Products Manufacturing Industry (1) Sodium hydroxide and potash production (2) Production of sensitive materials (3) Production of benzidine (4) Production of chemical products from which narcotics are easily made (ephedrine, 3, 4-idene dihydro phenyl-2-acctonc, phenylacetic acid, 1-phenyl-2-acetone, heliotropin, safrole, isosafrole, acetic oxide) (5) Production of fluorine-chlorocardon, hydrogen- fluorine-chlorocardon, tetrafluoroethylene, fluorination-aluminum and hydrofluoric acid (6) Production of polybutadiene, emulsion polymerization buna S, thermoplastics buna S (7) (8) Production of sulfate process titanium dioxide, open hearth process permanganate (9) Production of baron, magnesium, iron ores (10) Barium salt production 7. Medical and Pharmaceutical Products Inidustry (1) Production of chloramphenicol, penicillin G, lincomycin, gentamicin, dihydrostreptomycin, amikacin, tetracycline hydrochloride, oxytetracycline, medemycin, kitasamycin, ilotyin, ciprofloxacin and offoxacin	than 150 tons / year (VI) Chemical Raw Material Products Manufacturing Industry 1.Sodium hydroxide and potash production, below production threshold or use backward technology to produce sulfuric acid, nitric acid and potash 2.Production of light sensitive materials 3.Production of benzidine 4.Production of chemical products from which narcotics are easily made (ephedrine, 3, 4-idene dihydro phenyl-2-acctonc, phenylacetic acid, 1-phenyl-2-acetone, heliotropin, safrole, isosafrole, acetic oxide) 5. Hydrogen fluoride and other compounds in the low-end production of HCFCs or CFCs 6. Butadiene rubber and emulsion styrene butadiene rubber, thermoplastic styrene-butadiene rubber production 7. Acetylene and ethylene chloride, ethylene production below output threshold and post-processing product production 8. Production of paints and coatings using backward technology, containing hazardous substances, 9. Processing of szaibelyite iron ores 10. Resource consumption, serious environmental pollution, the use of backward technology to produce inorganic salt (VII) Medical and Pharmaceutical Products Industry 1. Production of chloramphenicol, penicillin G, lincomycin, gentamicin, dihydrostreptomycin, amikacin, tetracycline hydrochloride, oxytetracycline, medemycin, kitasamycin, ilotyin, ciprofloxacin and offoxacin (2) Production of analgin, paracetamol, Vitamin B1, Vitamin B2, Vitamin C, Vitamin E, multivitamin preparations and oral calcium

(2) Production of analgin, paracetamol, Vitamin B1, Vitamin B2, Vitamin C, Vitamin E, multivitamin preparations and oral calcium (3) Production of immunity vaccines, bacterins, antitoxins and anatoxin (BCG vaccine, poliomyelitis, DPT vaccine, measles vaccine, Type-B encephalitis, epidemic cerebrospinal meningitis vaccine) which included in the State's Plan (4) Production of material medicines for addiction narcotic and A class psychoactive drug (Chinese partner shall hold the majority of shares) (5) Production of blood products (6) Production of non-self-destructible expendable injectors, transfusion systems, blood transfusion systems, blood bags 8. Chemical Fibre Production Industry (1) Production of chemical fibre drawnwork of conventional chipper (2) Production of rayon staple viscose fibre 9. Rubber Products (1) Old tire recondition (not including radial tire), and production of industrial rubber fittings of low-performance 10. Non-Ferrous Metal Smelting and Rolling Processing Industry (1) Non-ferrous metal refining of tungsten, molybdenum, stannum (except tin compounds), antimony (including antimony oxide and antimony sulphide) (2) Non-ferrous metal refining of electrolytic aluminium, copper, lead, zinc and another non-ferrous metal (3) Smelting and separation of rare earth metal (limited to joint ventures or cooperation)	3. Vaccine listed in national immunization programs 4. Production of material medicines for addiction narcotic and A class psychoactive drug (Chinese partner shall hold the majority of shares) 5. Production of blood products (VIII) Chemical Fiber Production Industry 1. Production of chemical fiber drawnwork of conventional chipper 2. Production of rayon staple viscose fiber (IX) Non-Ferrous Metal Smelting and Rolling Processing Industry 1. Non-ferrous metal refining of tungsten, molybdenum, stannum (except tin compounds), antimony (including antimony oxide and antimony sulphide) (2) Non-ferrous metal refining of electrolytic aluminium, copper, lead, zinc and another non-ferrous metal (3) Smelting and separation of rare earth metal (limited to joint ventures or cooperation) (X) General Equipment Manufacturing Industry 1. Manufacture of all kinds of general (p0) axletree and accessory (steel ball, cage), rough manufacturing 2. Manufacture of wheeled model cranes (less than 500 tons), crawler crane (less than 600 tons) (limited to joint venture and cooperation) (XI) Special Purpose Equipment Manufacturing Industry 1. Manufacture of equipment for producing long dacron thread

11. Metal Manufacturing (1) Manufacture of containers 12. Common Purpose Equipment Manufacturing Industry (1) Manufacture of all kinds of general (p0) axletree and accessory (steel ball, cage), rough manufacturing (2) Manufacture of wheeled model, crawler crane less than 300 tons(limited to joint venture and cooperation) 13. Special Purpose Equipment Manufacturing Industry (1) Production of low or middle class type-B ultrasonic displays (2) Manufacture of equipment for producing long dacron thread and short fibre (3) Manufacture of crawler dozers of less than 320 horsepower, hydraulic excavator less than 30 tons, wheel loader less than 6tons, grader of less than 220 horsepower, road roller, fork-lift truck, non-calzada dumper truck, road surface milling rework machinery, garden machine and tools, production of commodity concrete machinery (pump, agitating lorry, pump vehical) 14. Manufacturing of transport and communication facilities (1) Repairing, design and manufacture of common ship (including subsection) (Chinese partner shall hold the majority of shares) 15. Manufacturing of Communication Apparatus, Computers and another Electric Installation (1) Production of satellite television receivers and key parts (2) Manufacture of fiscal cash register IV. Production and Supply of Power, Gas and Water 1. Construction and management of conventional coal-fired power of condensing steam plants whose unit installed capacity	and short fibre 2. Manufacture of crawler dozers of less than 320 horsepower, hydraulic excavator less than 30 tons, wheel loader less than 6tons, grader of less than 220 horsepower, road roller, fork-lift truck, 135-ton non-calzada dumper truck, asphalt concrete mixing and paving equipment and high altitude operating machinery, garden machine and tools, production of commodity concrete machinery (pump, agitating lorry, pump vehical) (XII) Manufacturing of transport and communication facilities 1. Repairing, design and manufacture of common ship (including subsection) (Chinese partner shall hold the majority of shares) (XIII) Manufacturing of Communication Apparatus, Computers and other Electric Installation 1. Production of satellite television receivers and key parts IV. Power, Gas and Water Production and Supply 1. Construction and management of conventional coal-fired power of condensing steam plants whose unit installed capacity is less than 300,000kW, within the small power grid in Xizang, Xinjiang, Hainan province, and the coal-fired power of condensing-extraction steam plants with dual use unit cogeneration 2. Construction and management of power network (Chinese party shall hold the majority of shares) 3. Construction, operation ofgas, heat supply and water drainage network for cities with population of more than 100 million (Chinese party shall hold the majority of shares) V. Communication and Transportation, Storage, Post and

is less than 300,000kW, within the small power grid in Xizang, Xinjiang, Hainan province, and the coal-fired power of condensing-extraction steam plants with dual use unit cogeneration 2. Construction and management of power network (Chinese party shall hold the majority of shares) V. Communication and Transportation, Storage, Post and Telecommunication Services 1. Railway freight transportation companies 2. Railway passenger transportation companies (Chinese partner shall hold the majority of shares) 3. Corporate of highway passenger transport 4. Corporate of enter-leave country fleet operation 5. Corporate of water transportation (Chinese partner shall hold the majority of shares) 6. General aviation companies engaging in photographing, prospecting and industry (Chinese partner shall hold the majority of shares) 7. Tele communication companies: telecommunication increment service (the foreign capital less than 50 percent), motion tone and data service in basic telecom, interior business and international business (the foreign capital less than 35 percent,49 percent no later than 11th in December in 2007 is permitted) VI. Wholesale and Retail Trade Industries 1. Commercial companies of commodity direct selling, mail order selling, Internet selling, franchising, commissioned operation, commercial management 2. Wholesale, retail and logistic distribution of grain, cotton, vegetable oil, sugar, medicines, tobaccos, automobiles, crude oil,	Telecommunication Services 1. Railway freight transportation companies 2. Railway passenger transportation companies (Chinese partner shall hold the majority of shares) 3. Corporate of highway passenger transport 4. Corporate of enter-leave country fleet operation 5. Corporate of water transportation (Chinese partner shall hold the majority of shares) 6. General aviation companies engaging in photographing, prospecting and industry (Chinese partner shall hold the majority of shares) 7. Telecommunication companies: value-added telecommunications services (the proportion of foreign investment not exceeding 50%), basic telecommunications services (the proportion of foreign investment not exceeding 49%) VI. Wholesale and Retail Trade Industries 1. Direct marketing, mail order, online sales 2. Grain purchase, storage; Wholesale, retail and logistic distribution of grain, cotton, vegetable oil, sugar, medicines, tobaccos, , crude oil, capital goods for agricultural production(Chinese should hold the majority of shares of the multiple shops which have more than 30 branch stores and sale different kinds and brands of commodities from multi-suppliers) 3. Distribution of audiovisual products (excluding movies) and (limited to cooperation)

capital goods for agricultural production(Chinese should hold the majority of shares of the multiple shops which have more than 30 branch stores and sale different kinds and brands of commodities from multi-suppliers) 3. Distributing and selling of audiovisual products (excluding movies)(cooperation or Chinese should hold the majority of shares) 4. Commodity auctions 5. Ship agent (Chinese should hold the majority of shares), tally for foreign vessels (limited to joint ventures or cooperation) 6. Wholesaling product oil and construction and operation of gasoline stations (Chinese should hold the majority of shares of the multiple shops which have more than 30 branch stores and sale different kinds and brands of commodities from multi-suppliers) VII. Banking and Insurance Industries 1. Banks, financial leasing companies, finance companies, trust investment companies, currency brokerage companies 2. Insurance companies (the share of life-insurance companies is less than 50%) 3. Security companies (confined to A share consignment-in, B share, H share and government and company bonds consignment-in and transaction, the foreign-capital is less than one-third), security investment fund management companies (the foreign-capital is less than 49%) 4. Insurance brokerage companies 5. Futures companies (Chinese should hold the majority of shares) VIII. Real Estate Industry	4. Ship agent (Chinese should hold the majority of shares), tally for foreign vessels (limited to joint ventures or cooperation) 5. Wholesaling product oil and construction and operation of gasoline stations (Chinese should hold the majority of shares of the multiple shops which have more than 30 branch stores and sale different kinds and brands of commodities from multi-suppliers) VII. Banking and Insurance Industries 1. Banks, finance companies, trust companies, currency brokerage companies 2. Insurance companies (the share of life-insurance companies is less than 50%) 3. Security companies (confined to A share consignment-in, B share, H share and government and company bonds consignment-in and transaction, the foreign-capital is less than one-third), security investment fund management companies (the foreign-capital is less than 49%) 4. Insurance brokerage companies 5. Futures companies (Chinese should hold the majority of shares) VIII. Real Estate Industry 1. Development of pieces of land (limited to joint ventures or cooperation) 2. Construction and operation of high-ranking hotels , high-class office buildings and international exhibition centers 3. Real estate transaction in second-grade market and medium and brokerage companies IX. Leasing and Commercial Service Industry

1. Development of pieces of land (limited to joint ventures or cooperation) 2. Construction and operation of high-ranking hotels, villas, high-class office buildings and international exhibition centers 3. Real estate transaction in second-grade market and medium and brokerage companies IX. Leasing and Commercial Service Industry 1. Legal consulting 2. Market Research (limited to joint ventures or cooperation) 3. Status enquiry and grade service companies X. Scientific Research and technical Services Industries, Geological Prospecting 1. Mapping companies (Chinese partner shall hold the majority of shares) 2. Inspection, verification and attestation companies for imported and exported goods 3. Photography service (including trick photography like airphotograph, except maping aerial photography, limited to joint ventures) XI. Irrigation, environment and public utilities management 1. Construction and management of fuel gas in big city, heating power and water supply and sewage net XII. Education 1. Common high school education mechanism (limited to joint venture and cooperation) XIII. Public Health, Sports and Social Welfare Industries	1. Legal consulting 2. Market Research (limited to joint ventures or cooperation) 3. Status enquiry and grade service companies X. Scientific Research and technical Services Industries, Geological Prospecting 1. Mapping companies (Chinese partner shall hold the majority of shares) 2. Inspection, verification and attestation companies for imported and exported goods 3. Photography service (including trick photography like airphotograph, except maping aerial photography, limited to joint ventures) XI, Education 1. High school educational institutions (limited to cooperation) XII. Art, Sports and Entertainment Industries 1. Production and publication of broadcasting and TV programs and film-making (limited to cooperation) 2. Construction and operation of cinemas (Chinese partner shall

1. Medical treatment establishments (limited to joint ventures or cooperation) XIV. Art, Sports and Entertainment Industries 1. Production and publication of broadcasting and TV programs and film-making (limited to cooperation) 2. Construction and operation of cinemas (Chinese partner shall hold the majority of shares) 3. Construction and operation of large theme park 4. Brokering agency of stage performances XV. Other industries restricted by the State or international treaties that China has concluded or taken part in	hold the majority of shares) 3. Construction and operation of large theme park 4. Brokering agency of stage performances XIII Other industries restricted by the State or international treaties that China has concluded or taken part in
Catalogue of Prohibited Foreign Investment Industries I. Farming, Forestry, Animal Husbandry and Fishery Industries 1. Cultivation of China's rare precious breeds (including tine genes in plants industry, husbandry and aquatic products industry) 2. Production and development of genetically modified seeds, breeding livestock and poultry, fish seed production 3. Fishing in the sea area within the Government jurisdiction and in in-land water	**Catalogue of Prohibited Foreign Investment Industries** I. Farming, Forestry, Animal Husbandry and Fishery Industries 1. R&D, cultivation of China's rare precious breeds and relevant proliferation materials (including fine genes in plants industry, husbandry and aquatic products industry) 2. Gene-modified biological research and genetically modified seeds, breeding livestock and poultry, fish seed production 3. Fishing in the sea area within the Government jurisdiction and in in-land water II. Mining and Quarrying Industries 1. Exploring and mining of tungsten, molybdenum, tin, antimony, fluorite 2. Exploring, mining and dressing of radioactive mineral products

II. Mining and Quarrying Industries 1. Exploring and mining of tungsten, molybdenum, tin, antimony, fluorite 2. Exploring, mining and dressing of radioactive mineral products 3. Exploring, mining and dressing of rare earth metal III. Manufacturing Industry 1. Beverage Industry (1) Processing of green lea and special tea with China's traditional crafts (famous tea, dark tea, etc.) 2. Medical and Pharmaceutical Products Industry (1) Processing of traditional Chinese medicines that have been listed as the Regulations on Conservation and Management of Wild Chinese Medicinal Material Resources and Rare and Endangered Plants in China (2) Application of preparing technique of traditional Chinese medicines in small pieces ready for decoction, like steam, frying, moxibustion, calcining, and production of the products of secret recipe of traditional Chinese patent medicines 3. Non-Ferrous Metal Smelting and Rolling Processing Industry (1) Smelting and processing of radioactive mineral products 4. Special Equipment Manufacture Industry (1) Manufacture of Weapons and Ammunition 5. Electric Machinery and Equipment Manufacture Industry (1) Manufacture of open-lead-acid cells, mercury Button Type Silver Oxide Cells, paste dioxide-zinc battery and nickel cadmium cells 6. Industry Products and Other Manufacturing Industries (1) Ivory carving	3. Exploring, mining and dressing of rare earth metal III. Manufacturing Industry (I). Beverage Industry 1. Processing of green lea and special tea with China's traditional crafts (famous tea, dark tea, etc.) (II) Medical and Pharmaceutical Products Industry 1. Processing of traditional Chinese medicines that have been listed as the Regulations on Conservation and Management of Wild Chinese Medicinal Material Resources and Rare and Endangered Plants in China 2. Application of preparing technique of traditional Chinese medicines in small pieces ready for decoction, like steam, frying, moxibustion, calcining, and production of the products of secret recipe of traditional Chinese patent medicines (III)Non-Ferrous Metal Smelting and Rolling Processing Industry 1. Smelting and processing of radioactive mineral products (IV)Special Equipment Manufacture Industry 1.Manufacture of Weapons and Ammunition (V) Electric Machinery and Equipment Manufacture Industry (1) Manufacture of open-lead-acid cells, mercury Button Type Silver Oxide Cells, mercury-containing button type alkaline manganese/zinc battery, paste manganese/zinc battery and nickel cadmium cells (VI) Industrial Products and Other Manufacturing Industries

(2) Tiger-hone processing (3) Production of bodiless lacquerware (4) Production of enamel products (5) Production of Xuan-paper (rice paper) and ingot-shaped tablets of Chinese ink (6) Production of carcinogenic, teratogenic, mutagenesis and persistent organic pollutant products	1.Ivory carving 2.Tiger-hone processing 3. Production of bodiless lacquerware 4.Production of enamel products 5.Production of Xuan-paper (rice paper) and ingot-shaped tablets of Chinese ink 6.Production of carcinogenic, teratogenic, mutagenesis and persistent organic pollutant products
IV. Production and Supply of Power, Gas and Water 1. Construction and management of conventional coal-fired power of condensing steam plants whose unit installed capacity is less than 300,000kW, within the small power grid in Xizang, Xinjiang, Hainan province, and the coal-fired power of condensing-extraction steam plants with dual use unit cogeneration	IV. Production and Supply of Power, Gas and Water 1. Construction and management of conventional coal-fired power of condensing steam plants whose unit installed capacity is less than 300,000kW, within the small power grid in Xizang, Xinjiang, Hainan province, and the coal-fired power of condensing-extraction steam plants with dual use unit cogeneration
V. Communication and Transportation, Storage. Post and Telecommunication Services 1. Companies of air traffic control 2. Companies of postal services	V. Communication and Transportation, Storage and Post 1. Companies of air traffic control 2. Companies of postal services, domestic express service of letter
VI. Leasing and Commercial Service Industry 1. Social investigation	VI. Leasing and Commercial Service Industry 1. Social investigation
	VII. Scientific Research and technical Services Industries, Geological Prospecting 1. Development and application of human stem cells and gene diagnosis therapy technology 2. Geodetic surveying, marine surveying, aerial photography, mapping, boundary surveying and mapping, preparation of

VII. Scientific Research and technical Services Industries, Geological Prospecting 1. Development and application of human stem cells and gene diagnosis therapy technology 2. Geodetic survey, marine charting, mapping aerial photography, administrative region mapping, relief map of map compilation and navigation electronic map compilation of common map compilation VIII. Irrigation, environment and public utilities management 1. Construction and management of nature reserve and international signify marshy 2. Development of resources about wild animals and plants be native to domestic protected by nation IX. Education 1. Institution of compulsory education and special education, like military, policeman, politics and party school X. Art, Sports and Entertainment Industries 1. News agencies 2. Business of publishing, master issuing, and importing of books, newspaper and periodical 3. Business of publishing, producing and importing of audio and visual products and electronic publications 4. Radio stations, TV stations, radio and TV transmission networks at various levels (transmission stations, relaying stations, radio and TV satellites, satellite up-linking stations, satellite receiving stations, microwave stations, monitoring stations, cable broadcasting and TV transmission networks) 5. Companies of producing and operating radio broadcast and TV programs 6. Companies of films making, issuing, cinema business	topographic maps and general maps, electronic navigation map VIII. Irrigation, environment and public utilities management 1. Construction and management of nature reserve and international signify marshy land 2. Development of resources about wild animals and plants originated from China and protected by nation IX. Education 1. Institution of compulsory education and special education, like military, police, politics and party school X. Art, Sports and Entertainment Industries 1. News agencies 2. Business of publishing of books, newspaper and periodical 3. Business of publishing, producing of audio and visual products and electronic publications 4. Radio stations, TV stations, radio and TV transmission networks at various levels (transmission stations, relaying stations, radio and TV satellites, satellite up-linking stations, satellite receiving stations, microwave stations, monitoring stations, cable broadcasting and TV transmission networks) 5. Companies of producing and operating radio broadcast and TV programs 6. Companies of films making, issuing, cinema business 7. News website, on-line audiovisual service, business setting of web surfing service, internet culture business (excluding music) 8. Construction and management of golf course and villas 9. Gambling industry (including gambling turf) 10.Porn industry

7. News website, on-line audiovisual service, business setting of web surfing service, internet culture business 8. Video screening companies 9. Construction and management of golf course 10. Gambling industry (including gambling turf) 11. porn XI. Other Industries 1. Projects that endanger the safety and performance of military facilities XII. Other industries restricted by the State or international treaties that China has concluded or taken part in State Development and Reform Commission, Ministry of Commerce 2007-10-31	XI. Other Industries 1. Projects that endanger the safety and performance of military facilities XII. Other industries restricted by the State or international treaties that China has concluded or taken part in