

## **Online Appendix**

### **Firm and Labor Adjustments to FDI Liberalization**

By Ming-Jen Lin, Yi-Ting Wang, Sung-Ju Wu

## C Original List of the 122 Permitted Products

| C.C.C.Code  | Category in English   | Category in Chinese  |
|-------------|---|--|
| 95421090    | Fiber distributed data interface (FDDI), synchronous optical networking (SONET), ISDN equipment and IC related products                               | 光纖分散數據介面、同步光纖網路系統、整體服務數位網路設備及其相關IC   |
| 85179092108 | Thermal printhead (printer component)   | 熱感應印字頭   |
| 85252010102 | All types of mobile phones, wireless communication systems, digital wireless switches, satellite communications systems                               | 行動電話、數位行動電話、GSM 行動電話機、泛歐無線電話 (DECT)、展頻數位無線電話、第二代數位無線CT2 基台及手機、無線通信系統、數位式無線交換機與電話機、網際網路電腦通訊器及國際海事衛星通信 M/B 型移動系統 |
| 84213910    | Filtering or purifying machinery for gases  | 電動空氣過濾器及電動空氣清潔器  |
| 84219910    | Cartridges for filter/purifying machines  | 過濾芯子（供立即使用者）   |
| 84709010    | Postage machine   | 郵資機  |
| 84709090    | Other 8470 machines   | 其他第 8470 節所屬之機器  |
| 84710000    | Advanced CAD/CAM system   | 高級 CAD/CAM 系統  |
| 84711000    | Analog or hybrid automatic data processing machine  | 類比或混合自動資料處理機   |
| 84713000    | Portable automatic data-processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display | 攜帶式數位自動資料處理機，其重量不超過 10 公斤並至少包含有一中央處理單元，一鍵盤及一顯示器者   |

| C.C.C.Code | Category in English  | Category in Chinese  |
|------------|--|--|
| 84713000EX | Portable automatic data-processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display (for work processing stations and related to: RISC CHIPS, multiprocessor systems, medical optical cards, interface cards, medical records systems, multimedia systems- hardware, software and applications, back servers, high-performance networks and controllers)                     | 攜帶式數位自動資料處理機，其重量不超過 10 公斤並至少包含有一中央處理單元，一鍵盤及一顯示器者（高級工作站及相關 RICS CHIPS、多處理機系統、醫療光卡、光卡閱讀機個人電腦介面卡及光卡醫療記錄寫作系統、多媒體電腦系統—硬體、軟體及應用系統、後置服務器、高性能跨越網路之控制器） |
| 84714100   | Other digital automatic data processing machines comprising at least a central processing unit and an input and output unit  | 其他數位式自動資料處理機同一機殼內至少包含有一中央處理單元及一輸入、輸出單元，不論是否組合者   |
| 84714100EX | Other digital automatic data processing machines- Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined (for work processing stations and related to: RISC CHIPS, multiprocessor systems, medical optical cards, interface cards, medical records systems, multimedia systems- hardware, software and applications, back servers, high-performance networks and controllers) | 其他數位式自動資料處理機同一機殼內至少包含有一中央處理單元及一輸入、輸出單元，不論是否組合者（高級工作站及相關 RICS CHIPS、多處理機系統、醫療光卡、光卡閱讀機個人電腦介面卡及光卡醫療記錄寫作系統、多媒體電腦系統—硬體、軟體及應用系統、後置服務器、高性能跨越網路之控制器）   |
| 84714900   | Other digital automatic data processing machines- Other, presented in the form of systems  | 其他數位式自動資料處理機，具系統形式者  |

| C.C.C.Code | Category in English  | Category in Chinese   |
|------------|--|---|
| 84714900EX | Other digital automatic data processing machines- Other, presented in the form of systems  | 其他數位式自動資料處理機, 具系統形式者 (高級工作站及相關 RICS CHIPS、多處理機系統、醫療光卡、光卡閱讀機個人電腦介面卡及光卡醫療記錄寫作系統、多媒體電腦系統—硬體、軟體及應用系統、後置服務器、高性能跨越網路之控制器) |
| 84715000EX | Digital processing units other than those of sub-headings 8471.41 and 8471.49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units | 第 8471.41 及 8471.49 等目除外之數位式處理單元, 在同一機殼內不論其是否含有一個或兩個下列形式之單元: 儲存單元、輸入單元、輸出單元 (電子音樂合成系統)                              |
| 84716020   | Printers   | 列表機   |
| 84716020EX | Laser printers, optical printers, high resolution printers   | 雷射印表機、光電成像印表機、高解析度頁印機   |
| 84716090   | Input or output units, whether or not containing storage units in the same housing   | 其他輸入或輸出單元, 在同一機殼內不論其是否含有儲存單元者   |
| 84716090EX | High performance scanners  | 高性能文件掃瞄器  |
| 84717010EX | Hard disk drives, micro hard drives, micro drives  | 硬式磁碟機、微小型硬式磁碟機、微小型磁碟機   |
| 84717090   | Other storage units  | 其他儲存單元  |
| 84717090EX | Solid-state storage, medical optical cards, PC-linked smart card readers, IC cards   | 固態記憶系統、醫療光卡、光卡閱讀機個人電腦介面卡及光卡醫療記錄寫作系統、IC 記憶卡  |
| 84718000   | Other automatic data processors- magnetic or optical readers   | 其他自動資料處理機單元   |
| 84719030   | Magnetic or optical readers  | 磁性或光學閱讀機  |
| 84719030EX | Barcode readers, catalytic converters, medical optical cards, optical card reader PC interface cards and the optical card medical record writing system  | 條碼閱讀機、觸媒轉化器、醫療光卡、光卡閱讀機個人電腦介面卡及光卡醫療記錄寫作系統  |

| C.C.C.Code | Category in English   | Category in Chinese   |
|------------|---|---|
| 84719090   | Other automatic data processing machines under the heading 8471   | 其他第 8471 節所屬之自動資料處理機（其中電子音樂合成系統及固態記憶系統為禁止類）                               |
| 84719090EX | Electronic music synthesis system and a solid-state memory system   | 電子音樂合成系統及固態記憶系統   |
| 84731000   | Parts and accessories of the machines of heading 84.69  | 第 8469 節機器之零件及附件  |
| 84732900   | Other parts and accessories of the machines of heading 84.70  | 其他第 8470 節所屬機器之零件及附件  |
| 84733010   | Other parts and accessories of the machines of subheadings 8471.10, 8471.30, 8471.41, 8471.49, 8471.50, 8471.60 and 8471.70   | 第 8471.10、8471.30、8471.41、8471.49、8471.50、8471.60、8471.70 目下機械之零件及附件      |
| 84733010EX | Photocopying machine toners, heat sensitive printing head servo writer, fiber-optic network with a waveguide coupler, high-resolution laser printer engine, drives head | 影印機用墨粉、熱感應印字頭伺服寫入器、光纖網路用波導藕合器、高解析度雷射印表引擎、磁碟機讀寫頭                           |
| 84733021   | Parts and accessories of the machines of division 8471.90.10  | 第 847190.10 款下機械之零件及附件  |
| 84733029   | Parts and accessories of the machines of subheadings 8471.80 and 8471.90  | 第 8471.80、第 8471.90 目下機械之零件及附件  |
| 84734010   | Parts and accessories of perforating (punching), stapling, and pencil-sharpening machines   | 打孔機、裝訂機及削鉛筆機之零件及附件  |
| 84735010   | Parts and accessories equally suitable for use with machines of subheadings 8471.80 and 8471.90   | 同時適用於第 8471.80、8471.90 目下機械之零件及附件   |
| 84735020   | Parts and accessories equally suitable for use with machines of subheading 8471.10, 8471.30, 8471.41, 8471.49, 8471.50, 8471.60 and 8471.70                             | 同時適用於第 8471.10、8471.30、8471.41、8471.49、8471.50、8471.60、8471.70 目下機械之零件及附件 |

| C.C.C.Code | Category in English  | Category in Chinese                      |
|------------|--|--|
| 84735020EX | Photocopying machine toners, heat sensitive printing head servo writer, fiber-optic network with a waveguide coupler, high-resolution laser printer engine | 影印機用墨粉、熱感應印字頭伺服寫入器、光纖網路用波導藕合器、高解析度雷射印表引擎 |
| 85011090EX | Precision small motors   | 精密微小馬達                                   |
| 85041100   | Widescreen desktop CRT   | 大尺寸／寬螢幕映像管 (16 : 9 CRT)                  |
| 85044011EX | Switched mode power supplies   | 交換式電源供應器 (高功率密度、高頻電源供應器)                 |
| 85044012EX | UPS power supplies (high power density, high-frequency power supply)   | 不斷電式電源供應器 (高功率密度、高頻電源供應器)                |
| 85044019EX | Other power supplies (high power density, high frequency power supply)   | 其他電源供應器 (高功率密度、高頻電源供應器)                  |
| 85044090EX | Other electrostatic converters   | 其他靜電式變流器 (微電腦控制交流感應馬達變頻器等相關變頻器)          |
| 85171100EX | Wireless and wired phones  | 附無線手機之有線電話機 (整體服務數位網路用戶端設備)              |
| 85171910   | Video phone  | 影像電話機                                    |
| 85171990EX | Other phones (ISDN CPE)  | 其他電話機 (整體服務數位網路用戶端設備)                    |
| 85172100EX | Fax machine, ISDN  | G4 傳真機、整體服務數位網路用戶端設備                     |
| 85173011   | Central office telephone exchange  | 局用電話交換機                                  |
| 85173011EX | Central office telephone exchange (integrated services digital network CPE)  | 局用電話交換機 (整體服務數網路用戶端設備)                   |
| 8517301990 | Other telephone exchange   | 其他電話交換機                                  |
| 85173019EX | Other telephone exchange (integrated services digital network CPE)   | 其他電話交換機 (整體服務數網路用戶端設備)                   |
| 85175010EX | Modem (integrated services digital network CPE)  | 數據機 (整體服務數網路用戶端設備) + E5878               |
| 85175090   | Other carrier or digital line systems with appliances  | 其他載波電流線路系統用或數位線路系統用器具                    |

| C.C.C.Code | Category in English   | Category in Chinese  |
|------------|---|--|
| 85175090EX | ADM150 synchronous optical network systems, optical digital subscriber loop carrier equipment, network access equipment, fiber distributed data interface, integrated services digital network CPE, multimedia, multi-protocol network hub, Ethernet to ATM smart hub, high speed digital subscriber loop equipment, ISDN router, high-speed Ethernet LAN chipset (speed of 100Mbps and above), regional control network products, high-capacity fiber-optic subscriber loop systems, digital wireless subscriber loop transmission equipment, fast Ethernet-speed B set line to network (speed of 100Mbps and above), the full range of network technology | 同步光纖網路 ADM150 系統、光纖迴路數位用戶載波機、網路存取設備、光纖分散式數據界面、整體服務數位網路用戶端設備、多媒體、多重協定網路中樞、Ethernet to ATM Smart Hub、高速數位用戶迴路設備、ISDN 路由器、高速乙太區域網路晶片組 (速率 100Mbps 以上)、區域性控制網路系列產品、大容量光纖用戶迴路系統、數位式無線用戶迴路傳輸設備、高速乙太網路 (速率 100Mbps 及以上)、全方位網路技術之集線路 |
| 85203210   | Digital tape recorders or digital cassette tape players   | 數位錄放音帶機或數位卡帶錄放音機   |
| 85203290   | Other digital sound recording apparatus   | 其他數位錄放音器具  |
| 85209000EX | Other sound recording apparatus (digital tape players)  | 其他錄放音器具 (數位錄放音機)   |
| 85211019EX | Other tape-style VCRs (digital video recorders)   | 其他磁帶式錄放影機 (數位錄放影機)   |
| 85219010   | Laser optical system disc video players   | 雷射光學系統碟式放影機  |
| 85219010EX | Laser video disk players  | 雷射影音碟機   |
| 85219010EX | Digital DVD players   | 數位影音光碟機  |
| 85219090   | Other VCRs  | 其他錄放影機   |
| 85219090EX | Digital VCR   | 數位錄放影機   |
| 85229020EX | Parts and accessories of tape players (digital tape players)  | 錄放音機之零件及附件 (數位錄放音機機構體)   |
| 85232010   | Blank audio CDs   | 空白音碟   |

| C.C.C.Code | Category in English  | Category in Chinese   |
|------------|--|---|
| 85232020   | Blank DVDs   | 空白影碟  |
| 85232030   | Blank disc automatic data processing systems   | 自動資料處理系統之空白磁碟   |
| 85232030EX | CD and floppy drives   | 硬碟機薄膜磁片   |
| 85232090   | Multimedia systems   | 多媒體系統   |
| 85232090   | Multimedia computer system- hardware, software, applications   | 多媒體電腦系統－硬體、軟體、及應用系統   |
| 85232090   | Multimedia computer systems and software   | 多媒體電腦系統及其軟體   |
| 85232090   | Systems and instrumental software  | 系統及工具性軟體  |
| 85232090   | Multimedia database management system  | 多媒體資料庫管理系統  |
| 85232090   | System software  | 系統軟體  |
| 85232090   | Family information systems   | 家庭資訊系統  |
| 85232090   | High-tech application software systems   | 高科技應用軟體系統   |
| 85232090   | Electrical systems auxiliary systems engineering tools   | 電統輔助系統工程工具  |
| 85232090   | Other blank discs  | 其他空白磁碟  |
| 85232090   | Rewritable CDs/DVDs  | 可重複讀寫光碟片 (DVD-RAM, PD)  |
| 85232090EX | Floppy disks   | 磁片碟片  |
| 85233000EX | Equipped with a card magnetic strip (multimedia computer systems and software, multimedia computer systems- hardware, software and applications, systems and tools of software, multimedia systems)      | 裝有磁條之卡片 (多媒體電腦系統及其軟體、多媒體電腦系統－硬體、軟體及應用系統、系統及工具性軟體、多媒體系統)             |
| 85239090EX | Other recording media, blank or recorded (multimedia computer systems and software, multimedia computer systems- hardware, software and applications, systems and tools of software, multimedia systems) | 其他錄音或錄製其他類似現象用之空白媒體 (多媒體電腦系統及其軟體、多媒體電腦系統－硬體、軟體及應用系統、系統及工具性軟體、多媒體系統) |
| 85241010   | Language teaching records  | 語言教學唱片  |
| 85241020   | Recorded music   | 音樂唱片  |

| C.C.C.Code | Category in English  | Category in Chinese               |
|------------|--|-----------------------------------|
| 85241090   | Other records  | 其他唱片                              |
| 85243100   | Recorded discs for reproducing phenomena other than sound or image                             | 已錄製供重放聲音或影像以外現象之碟片                |
| 85243211   | Educational, news, and audio CDs   | 教育性、新聞性音碟                         |
| 85243219   | Other recorded audio CDs   | 其他已錄製音碟                           |
| 85243910   | Educational and news DVDs  | 教育性、新聞性影碟                         |
| 85243990   | Discs for laser reading systems- Other   | 其他已錄製供雷射閱讀系統用碟片                   |
| 85244030   | Recorded tapes for reproducing phenomena other than sound or image- of a width exceeding 6.5mm | 已錄製供重放聲音或影像以外現象之磁帶，寬度超過 6.5 毫米者   |
| 85245111   | Educational and news audio tapes, width no more than 4mm                                       | 教育性、新聞性錄音帶，寬度未超過 4 毫米者            |
| 85245121   | Educational and news videos, width no more than 4mm  | 教育性、新聞性錄影帶，寬度未超過 4 毫米者            |
| 85245211   | Educational and news audio tapes, width between 4 and 6.5mm                                    | 教育性、新聞性錄音帶，寬度超過 4 毫米，但未超過 6.5 毫米者 |
| 85245221   | Educational and news videos, width between 4 and 6.5mm   | 教育性、新聞性錄影帶，寬度超過 4 毫米，但未超過 6.5 毫米者 |
| 85245311   | Educational and news audio tapes, width over 6.5mm   | 教育性、新聞性錄音帶，寬度超過 6.5 毫米者           |
| 85245321   | Educational and news videos, width over 6.5mm  | 教育性、新聞性錄影帶，寬度超過 6.5 毫米者           |
| 85245329   | Other recorded videos, width over 6.5mm  | 其他已錄製錄影帶，寬度超過 6.5 毫米者             |
| 85245390   | Other recorded tapes, width over 6.5mm   | 其他已錄製磁帶，寬度超過 6.5 毫米者              |
| 85246000   | Recorded cards with a magnetic strip   | 裝有已錄製磁條之卡片                        |
| 85249100   | Recorded media for reproducing phenomena other than sound or image                             | 已錄製供重放聲音或影像以外現象之媒體                |
| 85249300   | Medical optical cards, optical card reader PC interface, and optical card medical record       | 醫療光卡、光卡閱讀機個人電腦介面及光卡醫療記錄寫作系統       |
| 85249900   | Other music recordings or other similar media recordings                                       | 其他已錄音或已錄製其他類似現象之媒體                |

| C.C.C.Code | Category in English  | Category in Chinese  |
|------------|--|--|
| 85251020   | Radio transmission apparatus   | 無線電廣播傳輸器具  |
| 85251030   | TV transmission apparatus  | 電視傳輸器具   |
| 85251090   | Other radio transmission machines  | 其他無線電傳輸機器  |
| 85252010   | Radio phone  | 無線電話機  |
| 85252090   | Other radio transmission receivers   | 其他具有接收器具之無線電傳輸器具   |
| 85254010   | Static camcorder   | 靜相攝影機  |
| 85254010EX | Static photography   | 電子靜相照像機  |
| 85279000EX | Other wireless telephone or wireless telegraphy receivers  | 其他無線電話或無線電報接收機（全球定位系統接收器、全球定位系統接收器及引擎、國際海事衛星通信 M/B 型移動系統及網際網路口袋型電腦通訊器） |
| 85281200EX | Color TV reception apparatus, whether or not incorporating radio broadcast receivers or sound, video recording or reproducing apparatus by TV (resolution of more than 1000) | 彩色電視接收器具，不論是否裝有無線電廣播接收機或音、影錄或放器具者〔高級數位電視機、高畫質電視機（水平解析度在 1000 條以上）〕     |
| 85282110   | Color CCTV system A  | 彩色閉路電視系統   |
| 85282190EX | 17-inch or more color video monitors   | 17 吋以上彩色影像監視器  |
| 85283010   | Color projector  | 彩色影像投射機  |
| 85283010EX | Color projector (TV projector, LCD projector)  | 彩色影像投射機（投影式電視機、液晶投影電視機）  |
| 85283020EX | Black and white monochrome video projectors (digital type)   | 黑白或其他單色影像投射機（數位式）  |
| 85371010EX | Computer numerical control (CNC)   | 電腦數值控制器，PC 級電腦數值控制器  |
| 90065900EX | Static camera  | 電子靜相照像機  |
| 90079100EX | Digital camcorders   | 數位攝錄放影機  |
| 90139000   | HS code 9013, parts and accessories  | 第 9013 節所屬物品之零件及附件   |

## D Original List of the 97 Prohibited Products

| C.C.C.Code | Category in English  | Category in Chinese         |
|------------|--|-----------------------------|
| 28046120   | Silicon rod  | 矽晶棒                         |
| 29034500   | Trifluorochloromethane   | 三氟一氯甲烷                      |
| 29034500   | Monofluoropentachloroethane                                      | 一氟五氯乙烷                      |
| 29034500   | Difluorotetrachloroethane  | 二氟四氯乙烷                      |
| 29034500   | Heptafluoropropane   | 一氟七氯丙烷                      |
| 29034500   | difluorohexachloropropane  | 二氟六氯丙烷                      |
| 29034500   | Trifluoropentachloropropane                                      | 三氟五氯丙烷                      |
| 29034500   | Tetrafluorotetrachloropropane                                    | 四氟四氯丙烷                      |
| 29034500   | Pentafluorotrichloropropane                                      | 五氟三氯丙烷                      |
| 29034500   | Hexafluorodichloropropane  | 六氟二氯丙烷                      |
| 29034500   | Heptafluorochloropropane   | 七氟一氯丙烷                      |
| 29034500   | Only other derivatives perhalogenated with fluorine and chlorine | 僅與氟及氯全鹵化之其他衍生物              |
| 29211900   | Di-(2-chloroethyl)ethylamine                                     | 雙 (2-氯乙基) 乙胺                |
| 29211900   | Di-(2-chloroethyl)methylamine                                    | 雙 (2-氯乙基) 甲胺                |
| 29211900   | Ginseng(2-chloroethyl)amine                                      | 參 (2-氯乙基) 胺                 |
| 29309090   | 2-Chloroethyl chloromethyl sulfide                               | 2-氯乙基氯甲基硫醚                  |
| 29309090   | Di-(2-chloroethyl)sulfide (mustard gas)                          | 雙 (2-氯乙基) 硫醚 (芥子氣)          |
| 29309090   | Di-(2-chloroethylthio)methane                                    | 雙 (2-氯乙基硫基) 甲烷              |
| 29309090   | 1,2-Di-(2-chloroethylthio)ethane (sesqui mustard gas)            | 1, 2-雙 (2-氯乙基硫基) 乙烷 (倍半芥子氣) |
| 29309090   | 1,3-Di-(2-chloroethylthio)n-propane                              | 1, 3-雙 (2-氯乙基硫基) 正丙烷        |
| 29309090   | 1,5-Di-(2-chloroethylthio)n-butane                               | 1, 5-雙 (2-氯乙基硫基) 正丁烷        |
| 29309090   | 1,4-Di-(3-chloroethylthio)n-pentane                              | 1, 4-雙 (3-氯乙基硫基) 正戊烷        |
| 29309090   | Di-(2-chloroethylthiomethyl)ether                                | 雙 (2-氯乙基硫甲基) 醚              |
| 29309090   | Di-(2-chloroethylthioethyl)ether (0-mustard gas)                 | 雙 (2-氯乙基硫乙基) 醚 (0-芥子氣)      |
| 29310019   | 2-Chlorovinyl dichloroarsine                                     | 2-氯乙烯基二氯胂                   |
| 29310019   | Di-(2-chlorovinyl)chloroarsine                                   | 雙 (2-氯乙烯基) 氯胂               |

| C.C.C.Code | Category in English  | Category in Chinese                              |
|------------|--|--|
| 29310019   | Ginseng (2-chlorovinyl)arsine  | 參 (2-氯乙烯基) 脲                                     |
| 29310040   | Organophosphorus compounds (organic phosphorus flame retardants)   | 有機磷化合物 (有基磷系耐燃劑)                                 |
| 29310040   | Organophosphorus compounds (organic phosphorus flame retardants)   | 有機磷化合物 (有基磷系耐燃劑)                                 |
| 29310040   | Organophosphorus compounds (organic phosphorus flame retardants)   | 有機磷化合物 (有基磷系耐燃劑)                                 |
| 30029090   | Saxitoxin (Dinoflagellate toxin)   | 石房蛤毒素 (腰鞭毛蟲毒素)                                   |
| 30029090   | Ricin (ricin bean albumin)   | 蓖麻毒 (蓖麻子白蛋白)                                     |
| 38130000   | Dispensing of fire extinguishers containing trifluorobromomethane, difluorochlorobromomethane or tetrafluorodibromooethane   | 滅火器配藥, 含有三氟一溴甲烷、二氟一氯一溴甲烷或四氟二溴乙烷者                 |
| 85312000   | LCD or light-emitting diode display indication panel (more than six generations of TFT-LCD panel manufacturers, more than the generation of mass production by domestic companies) | 液晶或發光二極體顯示之指示面板 (六代以上 TFT-LCD 面板廠, 超過國內該公司量產之世代) |
| 8542320011 | Single-stone digital integrated circuit dies and wafers for mask-type read-only memory chips (over 12-inch wafer casting)  | 光罩式唯讀記憶體晶片之單石數位積體電路晶粒及晶圓 (超過十二吋晶圓鑄造)             |
| 8542320013 | Monolithic integrated circuit dies and wafers for mask-type read-only memory chips (wafer casting over twelve inches)  | 光罩式唯讀記憶體晶片之單石積體電路晶粒及晶圓 (超過十二吋晶圓鑄造)               |
| 8542320015 | Hybrid integrated circuit dies and wafers for mask-type read-only memory chips (over 12-inch wafer casting)  | 光罩式唯讀記憶體晶片之混合積體電路晶粒及晶圓 (超過十二吋晶圓鑄造)               |
| 8542320021 | Dynamic random access memory bulk circuit die (over 12-inch wafer casting)   | 動態隨機存取記憶體積體電路晶粒 (超過十二吋晶圓鑄造)                      |

| C.C.C.Code | Category in English  | Category in Chinese                |
|------------|--|------------------------------------|
| 8542320022 | Dynamic random access memory bulk circuit wafers (over 12-inch wafer casting)                        | 動態隨機存取記憶體積體電路晶圓 (超過十二吋晶圓鑄造)        |
| 8542320031 | Static random access memory bulk circuit die (over 12-inch wafer casting)                            | 靜態隨機存取記憶體積體電路晶粒 (超過十二吋晶圓鑄造)        |
| 8542320032 | Static random access memory bulk circuit wafers (over 12-inch wafer casting)                         | 靜態隨機存取記憶體積體電路晶圓 (超過十二吋晶圓鑄造)        |
| 8542390011 | Other single-stone digital integrated circuit dies (over 12-inch wafer casting)                      | 其他單石數位積體電路晶粒 (超過十二吋晶圓鑄造)           |
| 8542390012 | Other single-stone digital integrated circuit wafers (wafer casting over twelve inches)              | 其他單石數位積體電路晶圓 (超過十二吋晶圓鑄造)           |
| 8542390021 | Other hybrid integrated circuit dies and wafers (over 12-inch wafer casting)                         | 其他混合積體電路晶粒及晶圓 (超過十二吋晶圓鑄造)          |
| 85427000   | Electronic microcomponents   | 電子微組件                              |
| 88019090   | Other unpowered aircraft (for military use only)   | 其他無動力之航空器 (屬軍事專用者)                 |
| 88021100   | Helicopters with an empty weight not exceeding 2,000 kilograms (for military use only)               | 直升機, 空重量不超過 2000 公斤者 (屬軍事專用者)      |
| 88021200   | Helicopters with an empty weight exceeding 2,000 kilograms (exclusively used for military purposes)  | 直升機, 空重量超過 2000 公斤者 (屬軍事專用者)       |
| 88022000   | Planes and other aircraft with an empty weight not exceeding 2,000 kilograms (For military use only) | 飛機及其他航空器, 空重量不超過 2000 公斤者 (屬軍事專用者) |

| C.C.C.Code | Category in English   | Category in Chinese                       |
|------------|---|---|
| 88023000   | Planes and other aircraft with an empty weight exceeding 2,000 kilograms but not exceeding 15,000 kilograms (for military use only)                               | 飛機及其他航空器，空重量超過2000公斤，但不超過15000公斤者（屬軍事專用者） |
| 88024000   | Planes and other aircraft with an empty weight exceeding 15,000 kilograms (for military use only)   | 飛機及其他航空器，空重量超過15000公斤者（屬軍事專用者）            |
| 88031000   | Propellers, rotors and their parts (for military use only)  | 螺旋槳與旋翼及其零件（屬軍事專用者）                        |
| 88032000   | Landing gear and its parts (for military use only)  | 起落架及其零件（屬軍事專用者）                           |
| 88033000   | Other parts of aircraft or helicopters (for military use only)  | 飛機或直升機之其他零件（屬軍事專用者）                       |
| 88039000   | Other parts of goods in Section 8801 or 8802 (for military use only)  | 第8801或8802節貨品之其他零件（屬軍事專用者）                |
| 88040020   | Slalom landing gear and its parts and accessories (for military use only)   | 迴旋降落器及其零件與附件（屬軍事專用者）                      |
| 88051000   | Aircraft take-off devices and their parts; deck interceptor hooks or similar devices and their parts (for military use only)                                      | 航空器起飛裝置及其零件；艙面攔截鉤或類似裝置及其零件（屬軍事專用者）        |
| 88052900   | Other ground flight training devices and their parts (for military use only)  | 其他地面用飛行訓練器及其零件（屬軍事專用者）                    |
| 90138030   | Liquid crystal device (more than six generations of TFT-LCD panel manufacturers, exceeding the number of generations of mass production by this domestic company) | 液晶裝置(六代以上TFT-LCD面板廠，超過國內該公司量產之世代)         |
| 29031400   | Carbon tetrachloride  | 四氯化碳                                      |
| 29031910   | Trichloroethane   | 三氯乙烷                                      |
| 29034100   | Monofluorotrichloromethane  | 一氟三氯甲烷                                    |
| 29034200   | difluorodichloromethane   | 二氟二氯甲烷                                    |

| C.C.C.Code | Category in English   | Category in Chinese     |
|------------|---|-------------------------|
| 29214900   | Other aromatic monoamines and their derivatives; their salts  | 其他芳香族一元胺及其衍生物；其鹽類       |
| 29225090   | Other amino alcohol phenols, amino acid phenols and other amino compounds containing oxygen functional groups | 其他胺醇酚、胺酸酚及其他含氧官能基之氨基化合物 |
| 29339990   | Other heterocyclic compounds with only nitrogen heteroatoms   | 其他僅具有氮雜原子之雜環化合物         |
| 29349990   | Other heterocyclic compounds  | 其他雜環化合物                 |
| 29391910   | Opium base (raw drug)   | 鴉片鹼（原料藥）                |
| 29391920   | Derivatives of opium base; and its salts  | 鴉片鹼之衍生物；及其鹽類            |
| 29394100   | Ephedrine and its salts   | 麻黃鹼及其鹽類                 |
| 29394200   | Pseudoephedrine and its salts   | 假麻黃鹼及其鹽類                |
| 29394990   | Other ephedrines and their salts  | 其他麻黃鹼類及其鹽類              |
| 29395990   | Theophylline and amphiline (ethylenediamine theophylline) and their derivatives; their salts                  | 茶鹼及胺非林（乙二胺茶鹼）及其衍生物；其鹽類  |
| 29396100   | Ergometrine and its salts   | 麥角新鹼及其鹽類                |
| 29396200   | Ergotamine and its salts  | 麥角胺及其鹽類                 |
| 29396300   | Lysergic acid and its salts   | 麥角酸及其鹽類                 |
| 29396900   | Other ergot alkaloids and their derivatives; their salts  | 其他麥角鹼類及其衍生物；其鹽類         |
| 29399910   | Cannabis (API)  | 大麻類（原料藥）                |
| 30034011   | Opiates   | 鴉片類製劑                   |
| 30034012   | Indian cannabis preparations  | 印度大麻類製劑                 |
| 30034013   | Cocaine preparations  | 古柯鹼類製劑                  |
| 30034019   | Other narcotic drug preparations  | 其他麻醉藥品製劑                |

| C.C.C.Code | Category in English  | Category in Chinese   |
|------------|--|---|
| 30039099   | Other pharmaceutical preparations (other than those listed in sections 3002, 3005 or 3006) containing two or more ingredients mixed for therapeutic use or for disease prevention, without dosage or retail packaging format | 其他醫藥製劑（不包括第 3002、3005 或 3006 節所列者），包含兩種或以上之成分業經混合供治療或預防疾病之用，不具有劑量或零售包裝式樣者 |
| 30044011   | Opiates  | 鴉片類製劑   |
| 30044012   | Indian cannabis preparations   | 印度大麻類製劑   |
| 30044013   | Cocaine preparations   | 古柯鹼類製劑  |
| 30044019   | Other narcotic drug preparations   | 其他麻醉藥品製劑  |
| 30044091   | Narcotic drug antidote preparations  | 麻醉藥品解毒藥製劑   |
| 84011000   | Nuclear reactor  | 核子反應器   |
| 84012000   | Isotope separators and equipment and their parts   | 同位素分離機與設備及其零件   |
| 84013000   | Nonradiative fuel elements for nuclear reactors (cartridge type)   | 核子反應器用之非輻射性燃料元件（匣式）   |
| 84014000   | Nuclear reactor parts  | 核子反應器之零件  |
| 84101300   | Water turbines and water wheels, with a power exceeding 10,000 kW  | 水力渦輪機及水輪，功率超過 10000 匹者  |
| 84121000   | Reaction engines, other than turbojet engines  | 反作用式引擎，渦輪噴射引擎除外   |
| 88020000   | Aircraft (for military use only)   | 航空器（屬軍事專用者）   |
| 88026000   | Spacecraft (including artificial satellites) and suborbital craft and spacecraft launch vehicles   | 太空船（包括人造衛星）及次軌道飛行物與太空船發射載具  |
| 88030000   | Aircraft parts (for military use only)   | 航空器零件（屬軍事專用者）   |

## **E China's Catalogue for the Guidance of Foreign Investment Industries in 1995**

### **Part I. Encouraged Projects for Foreign Investment**

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#### **I. Agriculture, Forestry, Animal Husbandry, Fishing and Related Industries**

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1. The reclamation and development of wastelands, barren hills and shoals (except where there are military installations) and transformation of medium and low-yield farm lands and low-yield forests;
2. The development of new high-quality, high-yield strains of food grains, cotton, oil crops, sugar crops, vegetables, flowers and plants, and forage grass crops;
3. Serial non-soil cultivation and production of vegetables and flowers and plants;
4. Forest plantation and the introduction of improved varieties of forest trees;
5. Development of fine breeds of stud stock, birds, and aquatic products (not including China's indigenous precious fine varieties);
6. Breeding of famous, special or fine aquatic products and deep-water fishing;
7. New lines of highly efficient and safe crude agricultural chemicals (which have a pest-killing and bacteria-killing rate of up to 80% and do not harm human beings, animals and crops);
8. High-concentration chemical fertilizers (urea, synthetic ammonia and phosphamidon);
9. New production technology and new kinds of agricultural plastic film (fiber film, photolysis film and multi-function film and raw materials);
10. Veterinary antibiotics (special animal antibiotics, veterinary antibiotics against internal and external parasites, new forms of veterinary antibiotics), veterinary anthelmintics;
11. All-valence compound fodder, additives and the development of fodder protein resources;
12. New technology and equipment for the storage, preservation and processing of vegetables, fruits, meat products and aquatic products;
13. Forestry chemical products and new technology for the comprehensive utilization of inferior, small and fuel forests and new products therefrom;
14. The construction and management of comprehensive water control projects (where the State commands the majority of shares and with more than 300,000 tonnes of daily water supply or with installed capacity of more than 250MW);

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15. The manufacture of water-saving irrigation equipment;
  16. Agricultural machinery, agricultural tools and related spare parts.
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## **II. Light Industry**

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1. Mold design, processing and manufacture of non-metal products;
  2. Commercial-grade paper pulp;
  3. Post dressing and processing of leather;
  4. Mercury-free manganese-alkaline batteries, lithium batteries and hydronickelate batteries;
  5. High-tech special industrial sewing machines;
  6. Polyimide wrap;
  7. Enzyme products, synthetic detergent raw materials (straight-chain aldehybenzene);
  8. Synthetic spices and single-ion spices;
  9. Research and popularization of freon substitution technology.
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## **III. Textile Industry**

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1. Chemical fibres with such modified properties as being ultra-thin, electrostatic-resistant, fire-retarding and high emulsion; special chemical fibers such as aryl, spandex and carbon fiber;
  2. Textile dyeing and after-treatment;
  3. Highly simulated chemical fiber and fabrics;
  4. Oils used in textile industries;
  5. Special industrial textile products.
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## **IV. Transport, Post and Communications Industry**

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1. Railway transport technology and equipment: design and manufacture of locomotives and their major parts; rail line design and construction; technology and equipment manufacturing for fast railways; communication signals and transport safety monitoring equipment manufacturing; electrical-powered railway installation and equipment manufacturing;
2. Construction and management of local railways and associated bridges, tunnels and ferries (off limits to solely foreign-funded enterprises);
3. Road and port machinery and its design and manufacture technology;
4. Construction and management of urban subway and light-duty rail system (where the State should command the majority of shares);

5. Construction and management of roads, bridges, tunnels and ports (the State shall command the majority of shares in public ports projects);
  6. Construction and management of civil airports (where the State shall command the majority of shares);
  7. Manufacture of 900-MHz digital mobile communication equipment;
  8. Synchronous optic fiber of more than five time-groups, microwave communication systems and measurement equipment manufacturing;
  9. Manufacture of asynchronous transfer mode (ATM) exchange equipment.
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## **V. Coal Industry**

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1. Design and manufacture of coal mining, excavation and transportation machinery;
  2. Design and manufacture of complete sets of gasification equipment;
  3. Manufacturing equipment and additives for high concentration liquid coal;
  4. Comprehensive utilization and development of fuels with low calorific value and associated resources;
  5. Comprehensive development and utilization of coal.
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## **VI. Power Industry**

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1. Construction and management of thermal power plants (including conventional thermal power plants and power plants that utilize antipollution coal-burning technology);
  2. Construction and management of hydropower stations (the State shall command the majority of shares in those stations with more than 250MW of installed capacity);
  3. Construction and management of nuclear power stations (where the State shall command the majority of shares);
  4. Construction and management of power stations utilizing new types of energy (including solar energy, wind energy, magnetic energy, geothermal energy and tidal energy).
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## **VII. Ferrous Metallurgical Industry**

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1. Sponge iron (using coal as reductant);
2. Powder metallurgy (iron powder);
3. Short-process steel and iron production lines of more than 200,000 tonnes; steel and iron production lines of more than 500,000 tonnes;
4. Cold-rolled silicon steel plates, galvanized plates, tinned plates and stainless steel plates;
5. Hot-and cold-rolled slit plates;

6. Bushed steel bearings, steel oil pipes, stainless steel pipes and high-pressure boiler pipes;
  7. Tires and nave bosses of locomotives and vehicles;
  8. Super-high power electrodes, acicular coke;
  9. Aluminum alumine, hard clay pit and grog;
  10. Iron ore mining and dressing;
  11. Deep processing of tamping coke and coal tar;
  12. Ultra-pure magnesium dust (off limits to solely foreign-funded enterprises);
  13. High grade special refractory materials for continued casting, ladle and combined blow; special protective cinder.
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### **VIII. Non-Ferrous Metallurgical Industry**

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1. Single- (more than 5 inches in diameter) and multi-crystal silicon;
  2. Hard alloy, chemical tin compound, chemical stibium compounds;
  3. Compound materials of non-ferrous metals, new alloy materials;
  4. Exploitation of copper, lead and zinc mines (off limits to solely foreign-funded enterprises);
  5. Exploitation of aluminum mines (off limits to solely foreign-funded enterprises) and aluminum oxide (more than 300,000 tonnes);
  6. Rare-earth minerals application.
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### **IX. Petroleum, Petrochemical and Chemical Industry**

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1. Ionic membrane caustic soda and new organic chlorine product series;
2. Manufacture of caustic soda ion membrane;
3. Ethylene (with an annual production of more than 300,000 tonnes), acrylics and the comprehensive utilization of C4-C9 products;
4. Engineering plastic products and plastic alloys;
5. Synthetic rubber (liquid styrene-butadiene rubber, butyl rubber, isoprene rubber, acetyl propionyl rubber, butadiene flange duprene rubber, lactoprene rubber, acrylic rubber and alcoholate fluoride rubber);
6. Fine chemical industry: dyes, intermediates, catalysts, auxiliaries and new color products and new technology; commercial processing technology of dyes and colors; high tech chemical products for electronics and paper-making; food additives, fodder additives, leather chemical products, oil field auxiliaries, surfactant, water treatment agents, glues, non-organic fibers, non-organic dust fillings and equipment;
7. Chloride flange phthaleins vanish;
8. Chemical products that use coal as raw material;

9. Necessary raw materials for synthetic materials (bisphenol A, butadiene-styrene latex, pyridine, 4,4 diphenyl methane diisocyanic ester);
  10. Basic chemical raw materials: comprehensive utilization of benzene, methylbenzene, para-xylol derivatives, ortho-xylol derivatives and meta-xylol derivatives;
  11. Comprehensive recycling of waste gas, liquid and residue;
  12. Construction and management of oil and gas pipes, oil depots and ports designated for oil transportation (where the State shall command the majority of shares).
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## **X. Machinery Industry**

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1. Manufacture of welding robots and highly-efficient welding production lines;
2. Heat-resistant insulating materials (with the F and H insulating grades) and finished insulating products;
3. Manufacture of continued milling machines for slit plates, large cold- and hot-rolling equipment and gasification furnaces for urban supply and antipollution industrial use;
4. Manufacture of trackless collection, loading and transport equipment for underground mines; motorized self-loading-and-unloading mining vehicles that can handle more than 100 tonnes of load; mobile crushers; double-in double-out coal grinders; bucket-wheel excavators with speed higher than 3000 cubic meters per hour; mining loaders of more than 5 cubic meters; whole-section tunneling machines;
5. Manufacture of container loading and unloading bridge and tubular conveyer;
6. Manufacture of complete sets of large air-separation equipment with a capacity of more than 30,000 cubic meters (including 30,000 cubic meters);
7. Manufacture of multi-color offset printing machines;
8. Manufacture of onshore and offshore oil drilling and extraction equipment of more than 4,500 meters; antiblowout apparatus of more than 70-million-Pascal (including 70 million Pascal); fracturing equipment of more than 105 million Pascal (including 105 million Pascal); well-building machines of more than 50 tonnes (including 50 tonnes);
9. Manufacture of complete sets of turbine compressors, aminomethane pumps and mixer-guarantors used in synthetic ammonia projects with annual production of more than 300,000 tonnes (including 300,000 tonnes), in urea projects with annual production of more than 480,000 tonnes (including 480,000 tonnes); in ethylene projects with annual production of more than 300,000 tonnes (including 300,000 tonnes) (the State shall command the majority of shares in the projects);

10. Manufacture of complete sets of electronics, new spinning machines and new paper-making (including paper pulp) machines;
11. Manufacture of large and precision measurement equipment;
12. Safety monitoring and checking equipment (for detection of vibration, noise, poisonous matters, dust concentration and prediction of gas outburst and shock bump);
13. Components and spare parts of new types of instruments and materials (mainly referring to intelligent instrument sensors, instrument socket connectors, flexible circuit boards, photoelectron switches, proximity switches and other new types of switches; instrument functional materials);
14. Manufacture of large, highly-efficient numerical controlled precision machine tools and their functional parts;
15. Hydraulic components, pneumatic components and sealing elements;
16. Fine punching molds, precision hollow molds and standardized molds;
17. Manufacture of urban sewage treatment equipment that can handle 250,000 tonnes of sewage per day; industrial liquid waste membrane treatment equipment; up-flowing anaerobic fluidized bed equipment and other organic liquid waste treatment equipment, coal ashes building blocks equipment (50,000-100,000 tonnes per year), waste plastics recycling equipment, industrial boiler desulphurization and identification equipment, large heat-and acid-resistant bag-type collectors;
18. Manufacture of large road construction equipment;
19. Manufacture of large (200-430 mm in external diameter), precision and special bearings;
20. Manufacture of major automobile components and spare parts: brake assembly, driving assembly, gearbox, steering gear, diesel engine fuel pump, piston (including piston ring), air valve, hydraulic tappet, axle pad, booster, clarifying filter (triple filter), aluminum radiator, diaphragm clutch, constant-velocity universal joint, shock absorber, car air conditioning system, safety air bag, seat angle adjusting device, car lock, rear-view mirror, glass lift, combined dashboard, engines, lamps and bulbs, special high-strength fasteners, special bearings;
21. Manufacture of automobile molds (including punching molds, injection molds, pressed molds), clamping apparatus (including welding fixture and examination fixture);
22. Automobile casting and forging blanks;
23. Automobile technology research centers and automobile design and development institutions;

24. Highly-specialized vehicles such as those used in airports and in deserts in the petroleum industry.

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## **XI. Electronics Industry**

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1. Production of large-scale integrated circuits;
  2. New types of electronic components and spare parts (including sectional components) and power electronic components and spare parts;
  3. Manufacture of photoelectronic components and parts, sensitive components and parts, sensors;
  4. Manufacture of medium and large computers;
  5. Manufacture of top-end 32-bit plus (not including 32-bit) micro-computers;
  6. The manufacture of key components of fax machines (heat-sensitive printing heads, image sensors, etc.);
  7. Digital cassette recorders and laser disc apparatus compatible with digital television and HDTV;
  8. Semiconductor and photoelectronic materials;
  9. New types of display devices (color liquid crystal devices, flat panel display devices);
  10. Computer aided design (CAD), computer aided tests (CAT), computer aided manufacture (CAM), computer aided engineering (CAE) systems and other computer application systems;
  11. Manufacture of special electronic equipment, instruments, tools and molds;
  12. Manufacture of hydrologic data collection instruments and equipment;
  13. Manufacture of satellite communications telephone earth stations (TES) and personal earth stations (PES) and key components;
  14. Manufacture of SDH optical communications systems, cross connection equipment and network management systems;
  15. Development and production of (computer and communications) software;
  16. Manufacture of air traffic control system equipment;
  17. Development and manufacture of large capacity laser disk and magnetic disk storage and related components;
  18. Development and manufacture of new types of printing devices (laser printers, etc.)
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## **XII. Building Materials and Equipment and Other Non-Metallic Minerals Industries**

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1. Float glass production lines with daily melting output of 500 tonnes or more;

2. High-grade sanitary ceramics production lines with annual output of 500,000 pieces;
  3. New types of building materials;
  4. Special cement;
  5. Cement additives;
  6. Storage and transport facilities for bulk cement;
  7. Manufacture of special urban sanitary equipment;
  8. Manufacture of tunnel excavators, urban subway entry-driving machines;
  9. Manufacture of tree transplanting machinery;
  10. Manufacture of road milling and repairing machinery;
  11. Glass fiber and glass fiber reinforced plastic products;
  12. Inorganic, non-metal materials and products;
  13. Non-metallic mineral deposits and deep processing.
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### **XIII. Medical and Pharmaceutical Industries**

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1. Chemical raw materials that are within the patented period under the protection of China's administration; special medical intermediates that need to be imported;
  2. Antiphlogistics and fever-allaying medicines: new varieties that have good curative effects and have not been produced domestically;
  3. Vitamins: vitamin D3, dextropantothenic calcium, niacin;
  4. New types of anti-cancer, cardio-and cerebral-vascular medicines;
  5. Medicine agents: slow-releasing agents, release controlling agents, targeting agents, skin-penetrating and other new types of forms of medicines and related supplements;
  6. Amino acids: serine, tryptophan proteinochromogen, histamine, etc.;
  7. New types of medicine packaging materials, containers and advanced pharmaceutical equipment;
  8. New types of highly efficient and economic contraceptive medicines and devices that have not been produced domestically;
  9. New technologies and equipment that can improve the quality of patent traditional Chinese medicines and that can improve the packaging of the medicines;
  10. New techniques of analyzing traditional Chinese medicine's active agents and extraction;
  11. New types of medicine manufactured by biological engineering technology.
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### **XIV. Medical Equipment**

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1. X-ray machines of more than 800 milliamperes;

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2. Digital subtraction angiography apparatus;
  3. Biochemical analysis instrument;
  4. Electronic endoscopes;
  5. Medical monitoring instrument;
  6. Multi-function anesthesia apparatus;
  7. Medical tubes.
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## **XV. Space and Aviation Industries**

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1. Civilian aircraft manufacturing;
  2. Aircraft engines;
  3. Airborne equipment;
  4. Light combustion turbines;
  5. Civilian satellite manufacturing;
  6. Manufacture of satellite pay loads;
  7. Satellite application (the State shall command the majority of shares).
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## **XVI. Shipbuilding Industry**

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1. Manufacture and repairing of special ships, high performance ships and ships larger than 35,000 tonnes;
  2. Manufacture of necessary ship accessories.
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## **XVII. New and Developing Industries**

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1. Micro-electronic technology;
  2. New materials;
  3. Bioengineering technology;
  4. Information and communications networking technology;
  5. Isotope radiation and laser technology;
  6. Ocean development and oceanic energy development;
  7. Energy-saving technology development;
  8. Resources regeneration and comprehensive utilization technology;
  9. Engineering and technology for the control of environmental pollution.
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## **XVIII. Service Industry**

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1. International economic and scientific and technological information consultation services;
  2. Repairing and after-sale services of precision instrument and equipment.
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# **Part II. Projects Restricted For Foreign Investment**

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## **A. I. Light Industry**

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1. Assembling of movements of mechanical and electronic watches and finished watches; bicycles and sewing machines for household use;
  2. Home appliances: washing machines, refrigerators, freezers;
  3. Disposable aluminum cans.
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## **II. Textile Industry**

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Long polyester fiber with annual production under 5,000 tonnes.

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## **III. Coal Industry**

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Local method coke making.

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## **IV. Ferrous Metallurgical Industry**

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1. Silicon iron, ordinary carbon electrodes;
  2. Electric furnace steel processing projects under 30 tonnes; revolving furnace steel processing projects under 30 tonnes; blast furnace smaller than 300 cubic meters and their related sintering and coal carbonization;
  3. Welded steel pipe of 100 millimeters or thinner, rolling mills, ordinary steel primary rolling mills and rough mills for steel pipes thinner than 76 millimeters.
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## **V. Non-Ferrous Metal Industry**

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Aluminum materials and aluminum doors and window frames.

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## **VI. Petrochemical and Chemical Industries**

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1. Barium salts, naphthalene flange benzene anhydride;
  2. Oil refineries smaller than 2.5 million tonnes;
  3. The renovation of cross-ply, old tires (except meridian tires) and low performance industrial rubber replacements;
  4. Iodine extraction from kelps.
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## **VII. Machinery Industry**

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1. Ordinary long polyester fiber and short fiber equipment;
2. Manufacture of ordinary passenger and cargo ships, ship diesel engines and diesel electricity generating sets;
3. Processing of carbon silicon raw materials;
4. Power station, electricity-powered grinders;
5. Ordinary carbon steel welding rods;

6. Ordinary grade standard fasteners, small and medium-small ordinary bearings;
  7. Ordinary lead acid batteries;
  8. Containers;
  9. Elevators.
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### **VIII. Electronics Industry**

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1. Radio cassette recorders, radios;
  2. Black-white television sets and black-white kinescopes;
  3. Computers below 16-bits (including 16-bits);
  4. Wireless telephone systems under 450 MHz;
  5. Broadcast and television transmitting systems.
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### **IX. Building Materials and Equipment and Other Non-Metallic Mineral Industries**

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1. Cement production lines with annual output of less than 300,000 tonnes;
  2. Ordinary building plate glass production lines with daily melting output lower than 200 tonnes.
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### **X. Medical and Pharmaceutical Industry**

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1. Antibiotics: chloromycetin, lincomycin, gentamicin and dihydrostreptomycin;
  2. Synthetic chemical medicines: anlagin, vitamin B1, vitamin B6;
  3. Traditional Chinese medicine decoction (except traditional preparation techniques);
  4. Traditional Chinese medicine products and semi-finished products.
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### **XI. Medical Devices**

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1. Non-self-destructible disposable syringes;
  2. Medium and low-grade B ultrasonic imaging devices;
  3. Electrocardionographs.
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### **XII. Service Industry**

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1. Taxi (cars can only be purchased domestically);
  2. Gas stations (restricted to the construction and management of related projects).
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### **B. I. Agriculture, Forestry, Animal Husbandry, Fishing and Related Industries**

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1. Processing and export of rare trees and timbers (off limits to solely foreign-funded enterprises);

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2. Aquatic fishing in offshore and inland waters (off limits to solely foreign-funded enterprises).
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## **II. Light Industry**

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1. Table salt, industrial salt;
  2. Foreign brand non-alcoholic beverages (including solid drinks);
  3. Famous brand white spirit;
  4. Cigarette diacetin cellulose and tows;
  5. Tobacco processing industries such as those in the manufacture of cigarettes and filters;
  6. Processing and production of pig, ox and goat hides;
  7. Natural spices.
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## **III. Textile Industry**

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1. Wool and cotton spinning;
  2. Raw silk and blank silks;
  3. Chemical fibers and their raw materials (polyester, acrylnitrile, caprolactam, nylon 66 salts, etc.).
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## **IV. Coal Industry**

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1. Extraction of coking coals (off limits to solely foreign-funded enterprises).
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## **V. Non-Ferrous Metal Industry (Off Limits to Foreign-Funded Enterprises)**

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1. Copper processing;
  2. Extraction, dressing, smelting and processing of precious metal ores (gold, silver, platinum);
  3. Extraction of non-ferrous metal ores such as wolfram, tin and stibium;
  4. Rare earth extraction and smelting.
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## **VI. Petrochemical and Chemical Industries**

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1. Color and black and white film;
  2. Extraction and processing of ludwigite;
  3. Strontium salts;
  4. Benzidine.
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## **VII. Machinery Industry**

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1. Whole cars (the State shall command the majority of shares);
2. Whole motorcycles (the State shall command the majority of shares);

3. Whole light vehicles (light passenger vehicles, vans) (the State shall command the majority of shares);
  4. Automobile and motorcycle engines (the State shall command the majority of shares);
  5. Automobile air-conditioning compressors, electronically controlled fuel injection system;
  6. Renovation, dismantling and reassembling of old cars and motorcycles;
  7. Compressors for air conditioners and refrigerators (excluding those used in automobile air conditioners) with power of 2 kilowatts or less;
  8. Decentralized control systems (including programmable controllers);
  9. Desktop electrostatic copiers;
  10. Thermal power generation equipment: manufacture of generation set (generators, steam turbines, boilers, auxiliaries and control devices) of 100MW or above; combustion turbines combined circulating power generating equipment; circulating fluidized bed boilers; gasification combined circulatory technology and equipment (IGCC), pressurizing fluid bed (PFBC); desulphurization and denitrification equipment (off limits to solely foreign-funded enterprises);
  11. Hydropower equipment: manufacture of hydropower sets (including hydropower auxiliary equipment and control devices) with runners of 5 meters in diameter and larger; large pumped storage generating sets of 50MW or larger; tubular turbine generating sets of 10MW or larger (off limits to solely foreign-funded enterprises);
  12. Nuclear power generation sets: manufacture of generation sets of 600MW or larger (off limits to solely foreign-funded enterprises);
  13. Power transmission and conversion equipment: transformers of 220,000 volts or above, high-voltage switches, mutual-inductors and the manufacture of cable equipment (off limits to solely foreign-funded enterprises).
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## **VIII. Electronics Industry**

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1. Color television sets and tuners, remote controllers, flyback transformers;
  2. Color kinescopes and glass shells;
  3. Camcorders (including camcorder-recorders), video recorders;
  4. Video recorder magnetic heads, drums and movements;
  5. Emulated mobile communications system (comb, trunk, pagers, wireless telephones);
  6. Facsimile machines;
  7. Satellite television receivers and key components;
  8. Microwave relay communications equipment below 4 time group.
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## **IX. Building Materials and Equipment and Other Non-Metallic Mineral Industries**

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Exploration, extraction and processing of precious non-metal minerals such as diamonds and other natural gemstones (off limits to solely foreign-funded enterprises).

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## **X. Medical Industry**

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1. Traditional Chinese medicines administrated by the export licensing system;
  2. Narcotic precursors: ephedrine, pseudoephedrine, ergobasine, ergotamine, lysergic acid;
  3. Penicillin G, artemisinin anti-malaria drugs;
  4. Addictive narcotics and psychotropic drugs;
  5. Vitamin C;
  6. Blood products.
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## **XI. Transportation, Post and Telecommunications Industries**

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1. Construction and management of arterial railways (the State shall command the majority of shares);
  2. Overwater transportation (off limits to solely foreign-funded enterprises);
  3. Cross-border car transportation (off limits to solely foreign-funded enterprises);
  4. Aerial transportation (the State shall command the majority of shares);
  5. Interchangeable aviation (the State shall command the majority of shares in industrial aviation projects; agricultural and forestry aviation projects are off limits to solely foreign-funded enterprises);
  6. Manufacture of digital program-controlled exchanges.
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## **XII. Domestic and Foreign Trade, Tourism, Real Estate and Service Industries (Off Limits to Solely Foreign-Funded Enterprises)**

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1. Retail and wholesale business;
2. Goods supply and sales;
3. Foreign trade;
4. Construction and management of State-level tourist zones;
5. High grade hotels, villas and office buildings;
6. Golf courses;
7. Travel agencies;
8. Accounting, auditing and legal consultancy and broker services;
9. Representative services (shipping, freight, futures, sales and advertisements);

10. Education and translation services.

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### **XIII. Financial and Related Services**

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1. Banks, financial companies, trust investment companies;
  2. Insurance companies, insurance brokerage and representative companies;
  3. Securities companies, investment banks, merchant banks, fund-management companies;
  4. Financial leasing;
  5. Foreign currency dealing;
  6. Financial, insurance and foreign currency consultancy;
  7. Production, processing, wholesale and retail sale of gold and silver, jewelry and ornaments.
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### **XIV. Miscellaneous**

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1. Printing and publishing and distribution services (off limits to solely foreign-funded enterprises);
  2. Inspection and verification of import and export commodities (off limits to solely foreign-funded enterprises);
  3. Manufacture, publication and distribution of audio and video products.
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## **Part III. Other Projects that Are Restricted by the State and by International Accords that China Joined**

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### **PROJECTS PROHIBITED TO FOREIGN INVESTMENT**

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#### **I. Agriculture, Forestry, Animal Husbandry and Related Industries**

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1. Wild animal and plant resources protected by the State;
  2. China's rare fine strains (including fine genes in crop planting, animal husbandry, and aquatic industries);
  3. Construction of natural animal and plant conservation regions;
  4. Processing of green tea and other special tea products (famous brand tea, black tea, etc.).
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#### **II. Light Industry**

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1. Ivory carving and processing of tiger bones;
2. Hand-made rugs;
3. Bodiless lacquerware;
4. Enamel and hawksbill turtle products;

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5. Blue and white exquisite porcelain;
  6. Xuan paper, ink sticks.
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### **III. Power Industry and Urban Public Facilities**

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1. Construction and management of electric network;
  2. Construction and management of urban water supply and drainage, gas and heat supply networks.
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### **IV. Mining, Dressing and Ore Processing**

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Extraction, dressing and smelting of radioactive minerals.

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### **V. Petrochemical and Chemical Industry**

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1. Extraction and processing of szaibelyite;
  2. Extraction of celestite.
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### **VI. Medical and Pharmaceutical Industry**

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1. Traditional Chinese medicines protected by the State (muck, licorice root, the bark of eucommia and magnolia);
  2. Preparation techniques of patent traditional Chinese medicines and traditional medicines prepared by secret recipes.
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### **VII. Post, Telecommunication and Transportation Industries**

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1. Management and administration of postal and telecommunications services;
  2. Air traffic control.
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### **VIII. Trade**

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Futures trade.

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### **IX. Broadcast, Television and Film-making**

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1. Broadcasting and television stations (including cable television networks and transmitting and relay stations at any level);
  2. Production, publication and circulation of broadcast and television programs;
  3. Shooting, circulation and screening of movies;
  4. Video projection.
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### **X. News Media**

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### **XI. Military Arms Production**

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### **XII. Others**

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1. Projects endangering military facilities and their effectiveness;
  2. Raw materials that can cause cancer, deformity and sudden mutation and their processing;
  3. Racing rings, casinos;
  4. Pornographic services.
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### **XIII. Other Projects that Are Banned by the State and by International Accords that China Joined**

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