Industry and manufacturing Chinese vocabulary list

109 words with pinyin, 繁體 and meanings, 95 of them with an example sentence.
Every word here links to its entry on the site.

Parts 1 2 3 4 5 6

Industry and manufacturing Chinese vocabulary list on the web
The same words as a CSV, for Anki or a spreadsheet
A free account, which keeps 简体 or 繁體, pinyin or 注音 and the rest of how you read Chinese on every device

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HSK 4

工厂 工廠

gōngchǎng factory

> 他在一家工厂工作。
> Tā zài yìjiā gōngchǎng gōngzuò.
> He works in a factory.

材料

cáiliào material / data / person who has the potential to do the job

> 材料将被提供。
> Cáiliào jiāng bèi tígōng.
> Materials will be provided.

技术 技術

jìshù technology / technique / skill

> 除了语言，我也对技术感兴趣。
> Chúle yǔyán, wǒ yě duì jìshù gǎnxìngqù.
> Apart from languages, I'm also interested in technology.

质量 質量

zhìliàng quality (i.e. degree of excellence) / mass / quality and quantity

> 数量不如质量。
> Shùliàng bùrú zhìliàng.
> Quality is more important than quantity.

工人

gōngrén worker

> 工人拿不到基本工资。
> Gōngrén ná budào jīběn gōngzī.
> The workers didn't get their basic wage.

合格

hégé to meet the standard required / qualified / eligible (voter etc)

> 她是个合格的护士。
> Tā shì gè hégé de hùshi.
> She is qualified as a nurse.

塑料

sùliào plastic / plastics (general term for synthetic polymer materials)

> 这把塑料椅子很便宜。
> Zhè bǎ sùliào yǐzi hěn piányi.
> This plastic chair is very cheap.

厂

chǎng factory / plant / yard / works / depot / workhouse
hǎn "cliff" radical in Chinese characters (Kangxi radical 27), occurring in 原, 历, 压 etc
ān thatched hut with a domed roof, used in personal names

> 我爸爸在厂里工作。
> Wǒ bàba zài chǎng lǐ gōngzuò.
> My dad works in a factory.

HSK 5

工业 工業

gōngyè industry

> 工业发展迅速。
> Gōngyè fāzhǎn xùnsù.
> Industry was growing quickly.

生产 生產

shēngchǎn to produce / to manufacture / to give birth to a child

> 她最近生产了。
> Tā zuìjìn shēngchǎnle.
> She recently gave birth.

产品 產品

chǎnpǐn goods / merchandise / product

> 本产品产自中国。
> Běn chǎnpǐn chǎn zì Zhōngguó.
> This product was made in China.

制造 製造

zhìzào to manufacture / to make

> 这个产品是中国制造的。
> Zhège chǎnpǐn shì Zhōngguó zhìzào de.
> This product was made in China.

机器 機器
jīqì machine
> 机器发了很多电。
> Jīqì fāle hěn duō diàn.
> The machine generated large amounts of electricity.

设备 設備
shèbèi equipment / facilities / installations
> 这是台旧设备。
> Zhè shì tái jiù shèbèi.
> This is an old device.

产量 產量
chǎnliàng output
> 米的产量减少了。
> Mǐ de chǎnliàng jiǎnshǎole.
> Production of rice has decreased.

加工
jiāgōng to process / processing / working (of machinery)
> 这是一种再加工茶叶。
> Zhè shì yìzhǒng zài jiāgōng cháyè.
> This is a type of reprocessed tea.

产业 產業
chǎnyè industry / estate / property / industrial
> 他父亲留下了很多产业。
> Tā fùqīn liúxiàle hěn duō chǎnyè.
> His father left behind a lot of property.

工艺 工藝
gōngyì arts and crafts / industrial arts
> 新工艺让手机更便宜了。
> Xīn gōngyì ràng shǒujī gèng piányile.
> The new manufacturing process has made phones cheaper.

工程
gōngchéng engineering / an engineering project / project / undertaking
> 新桥工程什么时候完成?
> Xīn qiáo gōngchéng shénme shíhou wánchéng?
> When will the new bridge project be finished?

工程师 工程師
gōngchéngshī engineer
> 我是一名工程师。
> Wǒ shì yì míng gōngchéngshī.
> I'm an engineer.

机器人 機器人
jīqìrén robot / android
> 他造了一个机器人。
> Tā zàole yí gè jīqìrén.
> He made a robot.

玻璃
bōli glass / male homosexual
> 玻璃是谁发明的?
> Bōli shì shéi fāmíng de?
> Who invented glass?

升级 升級
shēngjí to go up by one grade / to be promoted / to escalate (in intensity) / to upgrade
> 两国的矛盾又升级了。
> Liǎng guó de máodùn yòu shēngjíle.
> The conflict between the two countries has escalated again.

研发 研發
yánfā research and development / to develop
> 他们正在研发新的手机。
> Tāmen zhèngzài yánfā xīn de shǒujī.
> They are developing a new phone.

创新 創新
chuàngxīn to bring forth new ideas / to blaze new trails / innovation
> 老师说，教育也需要创新。
> Lǎoshī shuō, jiàoyù yě xūyào chuàngxīn.
> The teacher said education needs innovation too.

研制 研製
yánzhì to research and manufacture / to research and to develop
> 科学家们在研制新电池。
> Kēxuéjiāmen zài yánzhì xīn diànchí.
> The scientists are developing a new kind of battery.

印刷
yìnshuā to print / printing
> 这本书在英国印刷。
> Zhè běn shū zài Yīngguó yìnshuā.
> This book was printed in England.

HSK 6

原料
yuánliào raw material
> 日本依赖进口原料。
> Rìběn yīlài jìnkǒu yuánliào.
> Japan depends on imports for raw materials.

出产 出產
chūchǎn to produce (by natural growth, or by manufacture, mining etc) / to yield / to turn out / produce / products
> 这些出产都卖到国外去了。
> Zhèxiē chūchǎn dōu mài dào guówài qùle.
> These products are all sold abroad.

制品 製品
zhìpǐn products / goods
> 这些制品的质量都很好。
> Zhèxiē zhìpǐn de zhìliàng dōu hěn hǎo.
> The quality of these products is all very good.

工序
gōngxù working procedure / process
> 请按工序一步一步做。
> Qǐng àn gōngxù yíbùyíbù zuò.
> Please follow the procedure and do it step by step.

检验 檢驗

jiǎnyàn to inspect / to examine / to test

> 实践是检验想法对不对的办法。
> Shíjiàn shì jiǎnyàn xiǎngfǎ duì bú duì de bànfǎ.
> Practice is the way to test whether an idea is right.

机械 機械

jīxiè machine / machinery / mechanical / cunning / scheming

> 他说话很机械，像在背书。
> Tā shuōhuà hěn jīxiè, xiàng zài bèishū.
> He speaks very mechanically, as if he were reciting a text.

石油

shíyóu oil / petroleum

> 我们国家不缺石油。
> Wǒmen guójiā bù quē shíyóu.
> We are not short of oil in this country.

水泥

shuǐní cement

> 工人正在用水泥铺这条路。
> Gōngrén zhèngzài yòng shuǐní pū zhè tiáo lù.
> The workers are paving this road with cement.

高端

gāoduān high-end

> 他买了一部高端手机。
> Tā mǎile yíbù gāoduān shǒujī.
> He bought a high-end phone.

装备 裝備

zhuāngbèi equipment / to equip / to outfit

> 工厂装备了新的机器。
> Gōngchǎng zhuāngbèi le xīn de jīqì.
> The factory has equipped itself with new machines.

国产 國產

guóchǎn domestically produced

> 我爸爸买了一辆国产汽车。
> Wǒ bàba mǎile yí liàng guóchǎn qìchē.
> My dad bought a domestically made car.

厂商 廠商

chǎngshāng manufacturer / producer

> 厂商同意免费换新的。
> Chǎngshāng tóngyì miǎnfèi huàn xīn de.
> The manufacturer agreed to replace it with a new one for free.

原材料

yuáncáiliào raw and semifinished materials

> 日本缺乏原材料。
> Rìběn quēfá yuáncáiliào.
> Japan is lacking in raw materials.

厂家 廠家

chǎngjiā factory / manufacturer / a factory owner / the factory management

> 很多厂家都把工厂搬到了郊区。
> Hěn duō chǎngjiā dōu bǎ gōngchǎng bān dàole jiāoqū.
> Many manufacturers have moved their factories to the suburbs.

HSK 7-9

车间 車間

chējiān workshop

> 车间里的机器声音很大。
> Chējiān lǐ de jīqì shēngyīn hěn dà.
> The machines in the workshop are very loud.

流水线 流水線

liúshuǐxiàn assembly line / pipeline

> 新工厂有两条流水线。
> Xīn gōngchǎng yǒu liǎng tiáo liúshuǐxiàn.
> The new factory has two assembly lines.

生产线 生產線

shēngchǎnxiàn assembly line / production line

> 新生产线已经顺利投产。
> Xīn shēngchǎnxiàn yǐjīng shùnlì tóuchǎn.
> The new production line has gone into operation smoothly.

成品

chéngpǐn finished goods / a finished product

> 这批成品明天就要运走。
> Zhè pī chéngpǐn míngtiān jiùyào yùn zǒu.
> This batch of finished goods will be shipped out tomorrow.

半成品

bànchéngpǐn semi-manufactured goods / semifinished articles / semifinished products

> 半成品要送去下个工厂。
> Bànchéngpǐn yào sòng qù xià gè gōngchǎng.
> The semi-finished products need to be sent to the next factory.

零件

língjiàn part / component

> 修车时最好用原装零件。
> Xiūchē shí zuìhǎo yòng yuánzhuāng língjiàn.
> It's best to use genuine parts when repairing a car.

装配 裝配

zhuāngpèi to assemble / to fit together

> 你会装配这个书架吗？
> Nǐ huì zhuāngpèi zhège shūjià ma?
> Do you know how to assemble this bookshelf?

组装 組裝

zǔzhuāng to assemble / to put together

> 他们组装飞机。
> Tāmen zǔzhuāng fēijī.
> They assemble planes.

制成 製成

zhìchéng to manufacture / to turn out (a product)

> 纸是由木制成的。
> Zhǐ shì yóu mù zhìchéng de.
> Paper is made from wood.

投产 投產

tóuchǎn to put into production / to put into operation

> 新车明年春天就能投产。
> Xīn chē míngnián chūntiān jiù néng tóuchǎn.
> The new car can go into production by next spring.

量产 量產
liàngchǎn to mass-produce

> 新手机下个月开始量产。
> Xīn shǒujī xiàgeyuè kāishǐ liàngchǎn.
> The new phone goes into mass production next month.

批量
pīliàng batch / lot

> 每个批量都要抽查。
> Měige pīliàng dōu yào chōuchá.
> Every batch has to be spot-checked.

产能 產能
chǎnnéng production capacity

> 老板打算明年扩大产能。
> Lǎobǎn dǎsuàn míngnián kuòdà chǎnnéng.
> The boss plans to expand production capacity next year.

质检 質檢
zhìjiǎn quarantine / quality inspection

次品
cìpǐn substandard products / defective / seconds

> 工厂把次品都挑出来了。
> Gōngchǎng bǎ cìpǐn dōu tiāo chūláile.
> The factory picked out all the substandard products.

标准化 標準化
biāozhǔnhuà standardization

> 接口标准化后，大家都方便。
> Jiēkǒu biāozhǔnhuà hòu, dàjiā dōu fāngbiàn.
> Once the interfaces are standardized, it will be convenient for everyone.

规格 規格
guīgé standard / norm / specification

> 会议的规格不能低于去年。
> Huìyì de guīgé bùnéng dīyú qùnián.
> The standard of the meeting can't be lower than last year's.

自动化 自動化
zìdònghuà to automate

> 我想把家里的灯自动化。
> Wǒ xiǎng bǎ jiālǐ de dēng zìdònghuà.
> I want to automate the lights in my home.

重工业 重工業
zhònggōngyè heavy industry / manufacturing

> 我爸爸一直在重工业工作。
> Wǒ bàba yìzhí zài zhònggōngyè gōngzuò.
> My dad has always worked in heavy industry.

轻工业 輕工業
qīnggōngyè light industry

> 纺织和食品都属于轻工业。
> Fǎngzhī hé shípǐn dōu shǔyú qīnggōngyè.
> Textiles and food processing both belong to light industry.

制造业 製造業
zhìzàoyè manufacturing industry

> 他在制造业工作了二十年。
> Tā zài zhìzàoyè gōngzuòle èrshí nián.
> He has worked in manufacturing for twenty years.

钢铁 鋼鐵
gāngtiě steel

> 钢铁是重点产业。
> Gāngtiě shì zhòngdiǎn chǎnyè.
> Steel is a key industry.

钢 鋼
gāng steel
gàng to sharpen a knife by rubbing it on cloth, leather or stone

> 最近钢的价格涨了不少。
> Zuìjìn gāng de jiàgé zhǎngle bùshǎo.
> The price of steel has gone up quite a bit recently.

冶炼 冶煉
yěliàn to smelt metal

合金
héjīn alloy

纺织 紡織
fǎngzhī spinning and weaving

> 我家乡有很多纺织工厂。
> Wǒ jiāxiāng yǒu hěn duō fǎngzhī gōngchǎng.
> There are many textile factories in my hometown.

化工
huàgōng chemical industry (abbr. for 化學工業|化学工业[hua4 xue2 gong1 ye4]) / chemical engineering (abbr. for 化學工程|化学工程[hua4 xue2 gong1 cheng2])

> 我弟弟大学学的是化工。
> Wǒ dìdi dàxué xué de shì huàgōng.
> My younger brother studied chemical engineering in college.

橡胶 橡膠
xiàngjiāo rubber / caoutchouc

> 橡胶遇到高温会变软。
> Xiàngjiāo yùdào gāowēn huì biànruǎn.
> Rubber becomes soft when it gets hot.

陶瓷
táocí pottery and porcelain / ceramics

> 这家店卖的陶瓷很漂亮。
> Zhè jiā diàn mài de táocí hěn piàoliang.
> The pottery and porcelain sold in this shop is very beautiful.

纤维 纖維
xiānwéi fiber

> 多吃含纤维的蔬菜对身体好。
> Duō chī hán xiānwéi de shūcài duì shēntǐ hǎo.
> Eating more vegetables rich in fiber is good for your health.

复合材料 複合材料
fùhécáiliào composite material

> 飞机上用了不少复合材料。
> Fēijī shàng yòng le bùshǎo fùhécáiliào.
> Airplanes use quite a lot of composite materials.

纳米 納米
nàmǐ nanometer

半导体 半導體
bàndǎotǐ semiconductor

> 他在一家半导体公司工作。
> Tā zài yìjiā bàndǎotǐ gōngsī gōngzuò.
> He works at a semiconductor company.

芯片
xīnpiàn computer chip / microchip

> 这台手机换了新芯片。
> Zhè tái shǒujī huàn le xīn xīnpiàn.
> This phone has been fitted with a new chip.

集成电路 集成電路
jíchéngdiànlù integrated circuit

> 手机里有很多集成电路。
> Shǒujī lǐ yǒu hěn duō jíchéngdiànlù.
> There are many integrated circuits inside a phone.

稀土
xītǔ rare earth (chemistry)

> 那家工厂正在加工稀土。
> Nà jiā gōngchǎng zhèngzài jiāgōng xītǔ.
> That factory is processing rare earths right now.

精密
jīngmì accuracy / exact / precise / refined

> 手表的零件做得很精密。
> Shǒubiǎo de língjiàn zuò de hěn jīngmì.
> The parts of a watch are made very precisely.

耐用
nàiyòng durable

> 买手机最好选耐用的。
> Mǎi shǒujī zuìhǎo xuǎn nàiyòng de.
> When buying a phone, it's best to choose a durable one.

产业链 產業鏈
chǎnyèliàn industry value chain

> 新能源汽车的产业链很长。
> Xīnnéngyuán qìchē de chǎnyèliàn hěn cháng.
> The industry chain for new energy vehicles is very long.

供应链 供應鏈
gōngyìngliàn supply chain

> 你了解这个行业的供应链吗?
> Nǐ liǎojiě zhège hángyè de gōngyìngliàn ma?
> Do you understand the supply chain of this industry?

库存 庫存
kùcún property or cash held in reserve / stock / inventory

> 我们现在缺乏库存。
> Wǒmen xiànzài quēfá kùcún.
> We're out of stock now.

产销 產銷
chǎnxiāo production and sales / production and marketing

> 他负责整个工厂的产销工作。
> Tā fùzé zhěnggè gōngchǎng de chǎnxiāo gōngzuò.
> He is in charge of the whole factory's production and sales.

工业化 工業化
gōngyèhuà to industrialize / industrialization

> 工业化带来了很多环境问题。
> Gōngyèhuà dàiláile hěn duō huánjìng wèntí.
> Industrialization has brought many environmental problems.

转型 轉型
zhuǎnxíng to undergo fundamental change / to transition / to transform / to update (to a new model of product)

> 传统商店为什么要转型?
> Chuántǒng shāngdiàn wèishénme yào zhuǎnxíng?
> Why do traditional shops need to change their business model?

开工 開工
kāigōng to begin work (of a factory or engineering operation) / to start a construction job

> 过完年，工厂就开工了。
> Guò wán nián, gōngchǎng jiù kāigōngle.
> After the New Year, the factory resumes operation.

停产 停產
tíngchǎn to stop production

> 这款旧手机早就停产了。
> Zhè kuǎnjiù shǒujī zǎojiù tíngchǎnle.
> This old phone model was discontinued long ago.

减产 減產
jiǎnchǎn to produce less / to reduce output / lower yield

> 市场不好，公司准备减产。
> Shìchǎng bù hǎo, gōngsī zhǔnbèi jiǎnchǎn.
> The market is weak, so the company is preparing to produce less.

增产 增產
zēngchǎn to increase production

> 新肥料能让小麦增产吗?
> Xīn féiliào néng ràng xiǎomài zēngchǎn ma?
> Can the new fertilizer increase wheat production?

原型
yuánxíng model / prototype / archetype

> 龙是很多民间故事里的原型。
> Lóng shì hěn duō mínjiāngùshi lǐ de yuánxíng.
> The dragon is an archetype in many folk tales.

铸造 鑄造
zhùzào to cast (pour metal into a mold)

> 这口大钟是用铜铸造的。
> Zhè kǒu dàzhōng shì yòng tóng zhùzào de.
> This big bell was cast from copper.

HSK 7-9, part 2

切割
qiēgē to cut

> 请把这块布切割成四份。
> Qǐng bǎ zhèkuài bù qiēgē chéng sì fèn.
> Please cut this piece of cloth into four parts.

能耗
nénghào energy consumption

> 工厂想办法降低能耗。
> Gōngchǎng xiǎng bànfǎ jiàngdī nénghào.
> The factory is finding ways to reduce its energy consumption.

采矿 採礦
cǎikuàng mining

> 采矿工作又累又危险。
> Cǎikuàng gōngzuò yòu lèi yòu wēixiǎn.
> Mining work is both tiring and dangerous.

园区 園區
yuánqū site developed for a group of related enterprises / (industrial or technology) park

> 我每天坐班车去园区上班。
> Wǒ měitiān zuò bānchē qù yuánqū shàngbān.
> I take the shuttle bus to the industrial park for work every day.

出厂 出廠
chūchǎng to leave the factory (of finished goods)

> 这辆车是二零二零年出厂的。
> Zhè liàng chē shì èr líng èr líng nián chūchǎng de.
> This car was manufactured in the year 2020.

批量生产 批量生產
pīliàngshēngchǎn to mass produce

> 新车明年开始批量生产。
> Xīn chē míngnián kāishǐ pīliàngshēngchǎn.
> The new car will go into mass production next year.

工业设计 工業設計
gōngyèshèjì industrial design

Outside HSK

机床 機床
jīchuáng machine tool / a lathe

数控 數控
shùkòng numerical control (machining)

炼钢 煉鋼
liàngāng to make steel / steelmaking

超导 超導
chāodǎo superconduction / superconductivity

石墨烯
shímòxī graphene

耐高温 耐高溫
nàigāowēn heat-resistant

> 这层涂料非常耐高温。
> Zhè céng túliào fēicháng nàigāowēn.
> This coating is very heat-resistant.

模具
mújù mold / die

焊接
hànjiē to weld / welding

锻造 鍛造
duànzào to forge (metal) / forging

抛光 拋光
pāoguāng to polish / to burnish

> 师傅正在给桌子抛光。
> Shīfu zhèngzài gěi zhuōzi pāoguāng.
> The craftsman is polishing the table.

代工
dàigōng OEM (original equipment manufacturer)