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**中国工程建设协会标准**

建筑运行阶段信息模型（BIM）分类及编码标准

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| XXXXXXXXXXXXXXX | 联合发布 |
| XXXXXXXXXXXXXXX |

Standard for classification and coding of information modeling (BIM) data in construction engineering operation stage

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Standard for classification and coding of information modeling (BIM) data in construction engineering operation stage

标准编号xxxx

主编单位：北京构力科技有限公司

武汉光谷联合集团有限公司

批准单位：中国工程建设标准化协会

**中国工程建设标准化协会公告**

第**×**号

**关于发布《建筑运行阶段信息模型（BIM）分类及编码标准》的公告**

根据中国工程建设标准化协会建筑信息模型专业委员会《关于印发<2021年第一批协会标准制定、修订计划>的通知》（建标协字[2021]11号）的要求，由北京构力科技有限公司等单位编制的《建筑运行阶段信息模型（BIM）分类与编码标准》，经本协会建筑信息模型专业委员会组织审查，现批准发布，编号为xxxxxxxxx。

中国工程建设标准化协会

**前 言**

本标准根据中国工程建设标准化协会建筑信息模型专业委员会《关于印发<2021年第一批协会标准制定、修订计划>的通知》（建标协字[2021]11号）的要求，由北京构力科技有限公司、武汉光谷联合集团有限公司组织同济大学建筑设计研究院（集团）有限公司、南京长江都市建筑设计股份有限公司、中国电力工程顾问集团西南电力设计院有限公司等有关单位编制而成。

本标准是自愿采用标准，使用本标准的单位或个人自行承担采用该标准的风险和责任。对于因使用本标准发生的任何形式的争端，本标准的发布机构不承担任何责任。

本标准由中国工程建设标准化协会建筑信息模型专业委员会归口管理，由北京构力科技有限公司、武汉光谷联合集团有限公司负责解释。在使用过程中如有意见或建议，请联系北京构力科技有限公司（地址：上海市黄浦区打浦路88号海丽大厦19楼，邮政编码：200001，email： wangmenglin@pkpm.com.cn）。

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## 1.总则

**1.0.1 为规范建筑运行阶段信息模型中信息的分类和编码，实现信息的交换与共享，推动建筑信息模型在运行阶段的应用发展，提高建筑工程运行水平，制定本标准。**

**1.0.2 本标准在国家标准《建筑信息模型分类和编码标准》GB/T 51269基础上，选取符合运行阶段的建筑信息，并对分类与编码进行了细化和补充。**

**1.0.3 本标准适用于民用建筑工程运行阶段建筑信息模型中信息的分类和编码，一般工业建筑也可参照执行。**

**1.0.4 建筑运行阶段信息模型中信息的分类和编码，除应符合本标准外，尚应符合国家及行业现行有关标准的规定。**

## 2. 术语

**2.0.1 建筑信息模型 Building Information Modeling (BIM)**

在建设工程及设施全生命期内，对其实体和功能特性进行的数字化表达，并依此进行设计、施工、运行的模型创建、应用和管理过程的总称。

**2.0.2 建筑工程运行Construction engineering operation**

依托[建筑全生命周期](https://baike.baidu.com/item/%E5%BB%BA%E7%AD%91%E5%85%A8%E7%94%9F%E5%91%BD%E5%91%A8%E6%9C%9F/833800)管理理念，利用先进的管理制度体系和技术手段，在建筑的使用过程中对建筑技术、设备性能、生活环境、信息化、智慧化、管理科学等方面实现综合性的应用管理。

**2.0.3 园区 Part**

政府集中统一规划指定区域，区域内专门设置某类特定行业、形态的企业、公司等进行统一管理，典型的如工业园区，自贸园区，产业园区，动漫园区。

**2.0.4 元素 Element**

建筑主体中独立或与其他部分结合，满足建筑主体主要功能的部分。

**2.0.5 建筑产品 Building product**

建筑工程运行过程中所用并结合到建筑实体中的产品，包括各种材料、部品、设备以及他们的组合。

**2.0.6 组织角色 Organization roles**

在建筑工程运行过程中的各专业领域参与者，包括团体和个人。

**2.0.7 建筑运维行为 Building operation and maintenance behavior**

建筑在竣工验收完成并交付使用后，为保障建筑工程运行阶段设施系统和设备具有良好的运行工况，达到提高可靠性、排除隐患、延长寿命期目的所进行的活动。

**2.0.8 运营服务行为 Operational Service Behavior**

以建筑（含室外场地等）为场所，为保障经营主体的正常经营、运行和管理，对其提供服务的活动。

## 3. 基本规定

### 3.1分类对象和分类方法

**3.1.1 建筑运行阶段信息模型中信息的分类结构应在《建筑信息模型分类和编码标准》GB/T 51269的分类基础上，根据建筑工程运行的具体需求进行筛选、补充和细化，分类结构应符合表3.1.1的规定，并应包括下列内容：**

1 建设成果包括按功能分园区、按功能分建筑物、按形态分建筑物、按功能分建筑空间、按形态分建筑空间、元素六个分类表；

2 建设进程包括建筑运维行为、运营服务行为两个分类表；

3 建设资源包括建筑产品、组织角色两个分类表；

4 建设属性包括属性一个分类表；

表3.1.1 建筑运行阶段信息模型信息分类结构

|  |  |
| --- | --- |
| 内容 | 分类 |
| 建设成果 | 按功能分园区 |
| 按功能分建筑物 |
| 按形态分建筑物 |
| 按功能分建筑空间 |
| 按形态分建筑空间 |
| 元素 |
| 建设进程 | 建筑运维行为 |
| 运营服务行为 |
| 建设资源 | 建筑产品 |
| 组织角色 |
| 建设属性 | 属性 |

**3.1.2建筑运行阶段信息模型中信息的分类应以建筑为中心，以物业管理为服务对象，**

**具体信息分类应符合表3.1.2的规定，分类表的进一步细分应符合本标准附录A的规定。**

表3.1.2 建筑运行阶段信息模型分类

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 表编号 | 分类名称 | 附录 | 表编号 | 分类名称 | 附录 |
| 5 | 按功能分园区 | A.0.1 | 23 | 建筑运维行为 | A.0.7 |
| 10 | 按功能分建筑物 | A.0.2 | 24 | 运营服务行为 | A.0.8 |
| 11 | 按形态分建筑物 | A.0.3 | 30 | 建筑产品 | A.0.9 |
| 12 | 按功能分建筑空间 | A.0.4 | 31 | 组织角色 | A.0.10 |
| 13 | 按形态分建筑空间 | A.0.5 | 41 | 属性 | A.0.11 |
| 14 | 元素 | A.0.6 |  |  |  |

**3.1.3单个分类表内的分类对象宜按层级依次分为一级类目“大类”、二级类目“中类”、三级类目“小类”、四级类目“细类”。**

### 3.2编码及扩展原则

**3.2.1 建筑运行阶段信息模型编码结构（图3.2.1 ）应包括本标准专业编码（F）、表编码、大类代码、中类代码、小类代码和细类代码，各级代码应采用2位阿拉伯数字表示。**

小类代码

大类代码

表编码码

专业编码

中类代码

细类代码

- · · ·

分类对象代码

表代码

图3.2.1 编码结构

**3.2.2 建筑运行阶段信息模型编码结构和编码方法应按照以下规定：**

1 建筑运行阶段信息模型分类编码由表代码与分类对象代码组成，两者之间用“-”连接；

2 表代码由专业编码与表编码组成，本标准专业编码统一采用英文字母“F”；表编码统一采用两位数字表述；

3 分类对象代码由大类代码、中类代码、小类代码和细类代码组成，相邻层级代码之间 用英文字符“.”隔开；分类对象各层级代码均采用两位数字表示；

4 大类编码采用 6 位数字表示，前2位为大类代码，其余4位用“0”补齐；

5中类编码采用 6 位数字表示，前2位为大类代码，加中类代码，后2位用“0”补齐；

6 小类编码采用 6 位数字表示，前4位为上位类代码，加小类代码；

7 细类编码采用 8 位数字表示，在小类编码后增加两位细类代码；

**3.2.3建筑运行阶段信息模型分类和编码的扩展应符合以下规定：**

1、建筑运行阶段信息模型的分类和编码方法应符合《信息分类和编码的基本原则和方法》GB/T 7027 的规定。

2 建筑运行阶段信息模型分类应符合科学性、系统性、可扩延性、兼容性、综合实用性原则。

3 扩展分类和编码时，本标准及《建筑信息模型分类和编码标准》GB/T51269中已规定的类目和编码应保持不变。

4 扩展各层级类目代码时，应按照本标准第3.1节规定严格执行。

5 扩展的最高层级代码应在 90～99 之间取值进行编码。

## 4. 应用方法

### 4.1编码逻辑的运算符号

4.1.1 在描述复杂对象时，应采用逻辑运算符号联合多个编码一起使用。

4.1.2编码逻辑运算符号宜采用“+”、“/”、“＜”、“＞”符号表示，并符合下列规定：

1 “+”用于将同一表格或不同表格中的编码联合在一起，以表示两个或两个以上编码含义的集合。

2 “/”用于将单个表格中的编码联合在一起，定义一个表内的连续编码段落，以表示合适对象的分类区间。

3 “＜”、“＞”用于将同一表格或不同表格中的编码联合一起，以表示两个或两个以上编码对象的从属或主次关系，开口背对是开口正对编码所表示对象的一部分。

### 4.2编码应用规定

4.2.1建筑运行阶段信息模型中信息分类和编码的应用应符合建筑信息模型交付、储存标准的规定。

4.2.2建筑工程信息的归档顺序应符合下列规定：

1  无逻辑运算符号的单个编码应按照表、大类、中类、小类和细类的层级，依次对各级代码按照从小到大的顺序归档。

2  由同一类逻辑运算符号联合的组合编码集合，应按从左到右、从小到大的顺序逐级进行归档。

3  由单个编码和组合编码构成的编码集合，应先对由“／”联合的组合编码进行归档，再对单个编码进行归档，之后对由“＋”联合的组合编码进行归档，最后对由“＜”、“＞”联合的组合编码进行归档。

## 附录 A 建筑运行阶段信息模型（BIM）分类与编码

#### A.0.1 按功能分园区宜按表A.0.1进行分类和编码。

表A.0.1 按功能分园区

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F05-01.00.00 | 产业园区 | industrial park |
| F05-01.10.00 | 工业园区 | industrial park |
| F05-01.10.10 | 制造业企业园区 | manufacturing Enterprise Park |
| F05-01.10.15 | 物流仓储园区 | logistics storage park |
| F05-01.20.00 | 高新科技园区 | high-tech park |
| F05-01.20.10 | 研究园区 | research park |
| F05-01.20.20 | 软件园区 | software campus |
| F05-01.30.00 | 办公园区 | office park |
| F05-01.35.00 | 商业园区 | business park |
| F05-01.40.00 | 旅游度假园区 | tourist resort park |
| F05-01.45.00 | 文化创意园区 | cultural and Creative Park |
| F05-01.50.00 | 教育培训园区 | education and training park |
| F05-01.55.00 | 农业园区 | agricultural park |
| F05-01.60.00 | 综合园区 | integrated park |
| F05-01.70.00 | 其他产业园区 | other industrial parks |
| F05-02.00.00 | 综合社区 | integrated community |
| F05-03.00.00 | 高校园区 | university campus |
| F05-04.00.00 | 医疗园区 | medical campus |
| F05-05.00.00 | 特殊经济功能区域 | special economic function area |
| F05-05.10.00 | 经济技术开发区 | economic and technological development zone |
| F05-05.15.00 | 海关特殊监管区 | special customs control area |
| F05-05.20.00 | 边境经济合作区 | border Economic Cooperation Zone |
| F05-05.25.00 | 投资区 | investment area |
| F05-05.30.00 | 自由贸易试验区 | free Trade Pilot Zone |
| F05-05.35.00 | 其他经济功能区 | other economic function areas |

#### A.0.2 按功能分建筑物宜按表A.0.2进行分类和编码。

表A.0.2 按功能分建筑物

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F10-01.00.00 | 居住建筑 | residential building |
| F10-01.10.00 | 住宅 | residences |
| F10-01.10.10 | 独立式住宅 | detached house |
| F10-01.10.20 | 联排式住宅 | town house |
| F10-01.10.40 | 叠加式住宅 | superposition type residence |
| F10-01.20.00 | 公寓 | apartment |
| F10-01.20.10 | 小套公寓 | mini apartment |
| F10-01.20.20 | 旅馆式公寓 | serviced apartment |
| F10-01.20.30 | 老年公寓 | senior apartment |
| F10-01.30.00 | 宿舍 | dormitory |
| F10-01.30.10 | 职工宿舍 | staff dormitory |
| F10-01.30.20 | 学生宿舍 | student dormitory |
| F10-02.00.00 | 办公建筑 | office buildings |
| F10-02.10.00 | 行政办公楼 | administration building |
| F10-02.20.00 | 商务写字楼 | office building |
| F10-02.40.00 | 公寓式办公建筑（SOHO） | apartment-office building (SOHO) |
| F10-02.50.00 | 综合性办公建筑 | comprehensive office building |
| F10-03.00.00 | 教育建筑 | education building |
| F10-03.10.00 | 托儿所 | daycare facility |
| F10-03.20.00 | 幼儿园 | kindergarten |
| F10-03.30.00 | 中小学校 | primary and secondary schools |
| F10-03.40.00 | 高等院校 | colleges and universities |
| F10-03.50.00 | 职业技术学校 | vocational school |
| F10-03.60.00 | 特殊教育学校 | special education school |
| F10-03.70.00 | 校外培训机构 | off-campus training institutions |
| F10-04.00.00 | 科研建筑 | scientific research building |
| F10-04.10.00 | 实验楼 | laboratory building |
| F10-04.20.00 | 科研楼 | research building |
| F10-05.00.00 | 金融建筑 | financial architecture |
| F10-05.10.00 | 银行 | bank |
| F10-05.20.00 | 证交中心 | exchange center |
| F10-06.00.00 | 观演建筑 | theatrical building |
| F10-06.10.00 | 剧院 | theater |
| F10-06.20.00 | 电影院 | cinema |
| F10-06.30.00 | 音乐厅 | odeum |
| F10-07.00.00 | 文化建筑 | cultural construction |
| F10-07.10.00 | 图书馆 | library |
| F10-07.20.00 | 档案馆 | the archives |
| F10-08.00.00 | 博览建筑 | museum architecture |
| F10-08.10.00 | 博物馆 | the museum |
| F10-08.15.00 | 展览馆/展览中心 | exhibition center |
| F10-08.20.00 | 科技馆 | science and technology museum |
| F10-08.25.00 | 美术馆 | gallery |
| F10-08.30.00 | 会议中心 | convention center |
| F10-08.35.00 | 纪念馆 | memorial hall |
| F10-09.00.00 | 游乐休闲建筑 | amusement and leisure building |
| F10-09.10.00 | 旅游景点 | tourist attractions |
| F10-09.10.10 | 景观园林 | landscape |
| F10-09.10.20 | 故居 | former residence |
| F10-09.20.00 | 游乐园 | amusement park |
| F10-09.20.10 | 动物园 | zoo |
| F10-09.20.20 | 植物园 | botanic garden |
| F10-09.20.30 | 海洋馆 | aquarium |
| F10-09.30.00 | 主题公园 | theme park |
| F10-09.40.00 | 公共活动中心 | public activity center |
| F10-09.40.10 | 社区活动中心 | community center |
| F10-09.40.12 | 青少年活动中心 | youth activity center |
| F10-09.40.14 | 老年活动中心 | the elderly activity center |
| F10-09.40.20 | 康乐、健身中心 （非竞技类） | fitness center |
| F10-09.40.30 | 娱乐中心 | recreation center |
| F10-09.40.40 | 会所/俱乐部 | club |
| F10-10.00.00 | 餐饮建筑 | restauran building |
| F10-11.00.00 | 旅馆建筑 | hotel building |
| F10-12.00.00 | 商业建筑 | commercial buildings |
| F10-12.10.00 | 百货公司 | department store |
| F10-12.15.00 | 超级市场 | supermarket |
| F10-12.20.00 | 菜市场、农贸市场 | farmer market |
| F10-12.25.00 | 购物中心 | shopping center |
| F10-12.50.00 | 便利店 | convenience store(cvs) |
| F10-13.00.00 | 体育建筑 | sports building |
| F10-13.15.00 | 体育场（馆） | the stadium |
| F10-13.25.00 | 游泳馆 | natatorium |
| F10-13.30.00 | 综合训练馆 | training stadium |
| F10-13.40.00 | 冰雪项目场馆 | winter sport venues |
| F10-13.80.00 | 专业运动场 | professional sports |
| F10-14.00.00 | 医疗建筑 | medical building |
| F10-14.10.00 | 综合医院 | general hospital |
| F10-14.15.00 | 专科医院 | specialized hospital |
| F10-14.20.00 | 急救中心 | emergency center |
| F10-14.25.00 | 体检中心 | medical examination center |
| F10-14.30.00 | 社区卫生服务中心 | community clinic |
| F10-14.35.00 | 疗养院 | sanatorium |
| F10-16.00.00 | 市政建筑 | civic building |
| F10-16.10.00 | 自来水厂 | waterworks |
| F10-16.15.00 | 中水处理站 | reclaimed water treatment facility |
| F10-16.20.00 | 污水处理厂 | waste water treatment facility |
| F10-16.25.00 | 锅炉房 | boiler room |
| F10-16.60.00 | 消防控制中心 | fire control center |
| F10-16.65.00 | 监控中心 | monitoring center |
| F10-16.70.00 | 电力调度中心 | electric power control center |
| F10-16.72.00 | 发电机房 | generator building |
| F10-16.75.00 | 城市变电所 | city substation |
| F10-16.80.00 | 配电站 | distribution substation |
| F10-16.82.00 | 开闭所 | sub section post |
| F10-17.00.00 | 邮电媒体建筑 | post and telecommunications media  building |
| F10-17.10.00 | 电信大楼 | telecommunications building |
| F10-17.40.00 | 邮件处理中心 | mail processing center |
| F10-17.60.00 | 广播电视中心 | radio and television center |
| F10-17.70.00 | 电影制片厂 | film studio |
| F10-18.00.00 | 司法建筑 | judicial building |
| F10-18.10.00 | 法院 | court |
| F10-18.20.00 | 检察院 | procuratorate |
| F10-18.30.00 | 公安局 | public security bureau |
| F10-18.40.00 | 派出所 | police station |
| F10-18.50.00 | 监狱 | prison |
| F10-18.60.00 | 看守所 | detention center |
| F10-18.70.00 | 劳动教养所 | labor reform department |
| F10-18.80.00 | 戒瘾所 | detox |
| F10-19.00.00 | 福利建筑 | welfare construction |
| F10-19.10.00 | 养老院 | geracomium |
| F10-19.20.00 | 儿童福利院 | children welfare homes |
| F10-19.30.00 | 福利康复中心 | welfare rehabilitation center |
| F10-19.40.00 | 救助管理站 | salvation management station |
| F10-20.00.00 | 殡葬建筑 | funeral architecture |
| F10-21.00.00 | 交通建筑 | traffic construction |
| F10-22.00.00 | 仓储物流建筑 | warehousing logistics constryction |
| F10-22.10.00 | 仓库 | storage |
| F10-22.20.00 | 货运站 | freight station |
| F10-22.40.00 | 社会物流服务建筑 | social logistics buidling |
| F10-23.00.00 | 工业建筑 | industrial building |
| F10-23.05.00 | 工业园 | industrial park |
| F10-23.20.00 | 工厂 | factory |
| F10-23.25.00 | 厂房 | plant |
| F10-23.25.01 | 机电工业厂房 | mechanical and electrical industrial workshop |
| F10-23.25.03 | 电子工业厂房 | electronic industrial workshop |
| F10-23.25.05 | 纺织、化纤工业厂房 | the textile, chemical fiber industry workshop |
| F10-23.25.07 | 制药工业厂房 | pharmaceutical industry workshop |
| F10-23.25.09 | 橡胶工业厂房 | rubber industrial workshop |
| F10-23.25.11 | 电力工业厂房 | electric power industry workshop |
| F10-23.25.13 | 钢铁工业厂房 | iron and steel plant |
| F10-23.25.15 | 制浆造纸工业厂房 | pulp and paper industry workshop |
| F10-23.25.17 | 食品及饮料工业厂房 | food and beverage industry workshop |
| F10-23.25.19 | 玻璃工业厂房 | glass industrial workshop |
| F10-23.25.21 | 印刷印染工业厂房 | printing and dyeing industry workshop |
| F10-23.25.23 | 建筑耗材工业厂房 | building materials industry workshop |
| F10-23.25.25 | 家具木器陶器工业厂房 | wood furniture pottery industry workshop |
| F10-23.30.00 | 工厂厂区行政管理服务建筑 | factory district administrative service  buidling |
| F10-24.00.00 | 物业建筑 | property construction |
| F10-24.10.00 | 售楼部 | the sales department |
| F10-24.20.00 | 物业管理建筑 | property management buildings |
| F10-24.30.00 | 居委会建筑 | neighborhood buildings |

#### A.0.3 按形态分建筑物宜按表A.0.3进行分类和编码。

表A.0.3 按形态分建筑物

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F11-01.00.00 | 建筑物 | building |
| F11-01.10.00 | 单层建筑 | one-level building |
| F11-01.10.10 | 单层独立建筑 | one-level individual building |
| F11-01.10.20 | 单层连排建筑 | one-level row buidling |
| F11-01.10.30 | 单层围合建筑 | one-level enclosed building |
| F11-01.10.40 | 单层半围合建筑 | one-level semi-enclosed building |
| F11-01.20.00 | 多层建筑 | multi-level building |
| F11-01.20.10 | 多层板式建筑 | multi-level slab building |
| F11-01.20.20 | 多层点式建筑 | multi-level block building |
| F11-01.20.30 | 多层围合建筑 | multi-level enclosed building |
| F11-01.20.40 | 多层半围合建筑 | multi-level semi-enclosed building |
| F11-01.30.00 | 中高层建筑 | middle-high-level building |
| F11-01.30.10 | 中高层板式建筑 | middle-high-level slab building |
| F11-01.30.20 | 中高层塔式建筑 | middle-high-level tower building |
| F11-01.30.30 | 中高层围合建筑 | middle-high-level enclosed building |
| F11-01.30.40 | 中高层半围合建筑 | middle-high-level semi-enclosed building |
| F11-01.40.00 | 高层建筑 | high-rise building |
| F11-01.40.10 | 高层板式建筑 | high-rise slab building |
| F11-01.40.20 | 高层塔式建筑 | high-rise tower building |
| F11-01.40.30 | 高层围合建筑 | high-rise eclosed building |
| F11-01.40.40 | 高层半围合建筑 | high-rise semi-eclosed building |
| F11-01.50.00 | 超高层建筑 | super high-rise building |
| F11-01.50.10 | 超高层单塔建筑 | super high-rise tower building |
| F11-01.50.20 | 超高层联体建筑 | super high-rise conjoined building |
| F11-01.60.00 | 地下建筑 | underground construction |
| F11-01.60.10 | 全地下建筑 | underground building |
| F11-01.60.20 | 半地下建筑 | semi-underground building |
| F11-01.70.00 | 混合体型建筑 | complex building |

#### A.0.4 按功能分建筑空间宜按表A.0.4进行分类和编码。

表A.0.4按功能分建筑空间

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F12-01.00.00 | 政府空间 | government space |
| F12-02.00.00 | 住宅空间 | residential space |
| F12-02.10.00 | 浴室 | bathroom |
| F12-02.15.00 | 住宅卫生间 | toilet |
| F12-02.20.00 | 起居室 | living room |
| F12-02.25.00 | 厨房 | kitchen |
| F12-02.30.00 | 餐厅 | dining room |
| F12-02.35.00 | 卧室 | bedroom |
| F12-02.40.00 | 套内交通空间 | circulation within the suite |
| F12-02.45.00 | 套内储藏空间 | in suite storage |
| F12-02.50.00 | 其它住宅内空间 | other in suite space |
| F12-02.55.00 | 套内封闭阳台 | set inside closed balcony |
| F12-02.60.00 | 公共交通空间 | public transport space |
| F12-02.65.00 | 公共设备空间 | public facilities space |
| F12-02.70.00 | 公共避难空间 | public refuge space |
| F12-03.00.00 | 艺术空间 | art space |
| F12-03.10.00 | 表演空间 | performance space |
| F12-03.20.00 | 展示空间 | exhibition space |
| F12-04.00.00 | 博物馆空间 | museum space |
| F12-04.10.00 | 博物馆画廊 | museum gallery |
| F12-04.20.00 | 博物馆陈列室 | Museum showroom |
| F12-04.30.00 | 工作间 | workshop |
| F12-04.30.10 | 标准制作室 | standard workshop |
| F12-04.30.20 | 书画装裱室 | the calligraphy and painting mounting chamber |
| F12-04.30.30 | 文物修复室 | the restoration room |
| F12-05.00.00 | 图书馆空间 | library space |
| F12-05.20.00 | 藏书空间 | library |
| F12-05.30.00 | 阅览空间 | reading room |
| F12-06.00.00 | 医疗空间 | medical |
| F12-06.05.00 | 挂号缴费厅 | registered to expend hall |
| F12-06.10.00 | 门诊用房 | outpatient room |
| F12-06.10.10 | 诊室 | consulting room |
| F12-06.10.20 | 候诊空间 | waiting area |
| F12-06.10.30 | 治疗室 | treatment room |
| F12-06.10.40 | 化验室 | laboratory |
| F12-06.10.50 | 护士站 | nurse station |
| F12-06.10.60 | 观察室 | viewing room |
| F12-06.12.00 | 急诊用房 | emergency room |
| F12-06.14.00 | 住院用房 | in-patient room |
| F12-06.14.10 | 病房 | ward |
| F12-06.14.20 | 重症监护室 | icu(intensive care unit) |
| F12-06.14.30 | 分娩室 | delivery room |
| F12-06.14.40 | 婴儿室 | baby's room |
| F12-06.16.00 | 传染病用房 | infectious disease room |
| F12-06.18.00 | 手术部 | operation department |
| F12-06.20.00 | 放射科 | radiology department |
| F12-06.22.00 | 超声科 | ultrasonic department |
| F12-06.26.00 | 检验科 | clinical laboratory |
| F12-06.28.00 | 病理科 | pathology department |
| F12-06.30.00 | 功能检查室 | examination room |
| F12-06.34.00 | 理疗科 | physiotherapy department |
| F12-06.36.00 | 心理治疗 | psychotherapy |
| F12-06.38.00 | 康复区 | rehabilitation unit |
| F12-06.40.00 | 血库 | blood bank |
| F12-06.42.00 | 药剂科 | pharmaceutical preparation section |
| F12-06.44.00 | 中心（消毒）供应室 | supply room |
| F12-06.48.00 | 药房 | pharmacy |
| F12-06.50.00 | 辅助用房 | subsidiary |
| F12-06.55.00 | 医生办公室 | the doctor's office |
| F12-06.60.00 | 护士室 | the nurse room |
| F12-06.65.00 | 医护值班寝室 | medical duty dormitory |
| F12-07.00.00 | 教育培训空间 | education training space |
| F12-07.10.00 | 体育活动空间 | sports activity space |
| F12-07.20.00 | 教室 | classroom |
| F12-07.20.10 | 普通教室 | standard classroom |
| F12-07.20.30 | 专用教室 | special classroom |
| F12-07.20.35 | 阶梯教室 | amphitheatre |
| F12-07.20.40 | 礼堂/讲堂 | auditorium |
| F12-07.20.50 | 研讨室 | seminar room |
| F12-07.20.55 | 电子信息机房 | electronic information room |
| F12-07.30.00 | 教学管理用房 | teaching administration room |
| F12-07.30.10 | 教务处 | academic affairs office |
| F12-07.30.20 | 教研室 | teaching and reseacrch section |
| F12-07.30.30 | 校长办公室 | headmaster's office |
| F12-07.40.00 | 教师办公用房 | teaching's office building |
| F12-07.40.10 | 教具室 | teaching aids room |
| F12-07.40.20 | 教师办公室 | teacher's office |
| F12-07.50.00 | 幼教空间 | preschool education space |
| F12-08.00.00 | 实验室空间 | laboratory |
| F12-08.10.00 | 化学实验室 | chemical lab |
| F12-08.12.00 | 生物科学实验室 | biological science lab |
| F12-08.14.00 | 物理科学实验室 | physical science lab |
| F12-08.16.00 | 天文实验室 | astronomy lab |
| F12-08.20.00 | 地球与环境科学实验室 | earth and environmental science lab |
| F12-08.22.00 | 鉴识实验室 | forensic lab |
| F12-08.24.00 | 心理学实验室 | psychological lab |
| F12-08.26.00 | 台式实验室 | desktop lab |
| F12-08.28.00 | 干实验室 | dry lab |
| F12-08.30.00 | 集成实验室 | integrated lab |
| F12-08.32.00 | 湿实验室 | wet lab |
| F12-08.34.00 | 实验室的存储空间 | lab storage |
| F12-09.00.00 | 商业空间 | commercial space |
| F12-09.10.00 | 办公空间 | office space |
| F12-09.10.10 | 办公室 | office |
| F12-09.10.20 | 会议室 | meeting room |
| F12-09.10.30 | 文件存储 | file storage |
| F12-09.10.40 | 共享设备站 | shared equipment station |
| F12-09.10.50 | 复印室 | copy room |
| F12-09.10.60 | 设计室 | design studio |
| F12-09.10.70 | 绘图室 | the drawing room |
| F12-09.10.80 | 档案室 | the archives |
| F12-09.15.00 | 银行空间 | cashier room |
| F12-09.20.00 | 交易空间 | trading space |
| F12-09.30.00 | 展示空间 | exhibition space |
| F12-09.40.00 | 销售空间 | selling space |
| F12-09.45.00 | 商业服务和维修空间 | business service and repair |
| F12-09.48.00 | 商业后勤空间 | business logistics |
| F12-09.50.00 | 酒店旅馆宿舍后勤区 | logistics |
| F12-10.00.00 | 休闲娱乐空间 | leisure and entertainment space |
| F12-10.10.00 | 运动娱乐空间 | sports and entertainment space |
| F12-10.10.40 | 体育馆 | the gym |
| F12-10.40.10 | 健身房 | the gym |
| F12-11.00.00 | 宗教场所 | religious place |
| F12-12.00.00 | 环境受控空间 | enviroment controlled space |
| F12-12.10.00 | 声环境控制的空间 | acoustic-control space |
| F12-12.20.00 | 温度控制的空间 | temperature-control space |
| F12-12.30.00 | 照度控制的空间 | illuminance-control space |
| F12-12.40.00 | 洁净度控制的空间 | hygiene-control space |
| F12-12.50.00 | 湿度控制的空间 | humidity-control space |
| F12-12.60.00 | 风速控制的空间 | windspeed-control space |
| F12-12.65.00 | 环境受控存储空间 | controlled environment storage space |
| F12-12.70.00 | 其他参数控制的空间 | other parameter-control space |
| F12-13.00.00 | 服务活动空间 | services activities |
| F12-13.10.00 | 美容活动空间 | beauty |
| F12-13.20.00 | 餐饮服务 | catering services |
| F12-13.50.00 | 洗衣/干洗房 | laundry room |
| F12-13.60.00 | 吸烟室 | smoking room |
| F12-14.00.00 | 设保安监控的空间 | security control space |
| F12-14.10.00 | 动物隔离空间 | animal quarantine space |
| F12-14.20.00 | 监狱看守所 | prison |
| F12-14.30.00 | 人防空间 | civil air defence space |
| F12-15.00.00 | 仓储空间 | storage space |
| F12-15.10.00 | 仓库 | warehouse |
| F12-15.20.00 | 存储空间 | storage space |
| F12-15.30.00 | 可移动的存储空间 | movible storage space |
| F12-17.00.00 | 后勤服务空间 | logistics service space |
| F12-17.05.00 | 机械交通 | mechanical transport/circualtion |
| F12-17.10.00 | 疏散楼梯 | emergency staircase |
| F12-17.20.00 | 非疏散楼梯 | non emergency staircase |
| F12-17.25.00 | 坡道 | ramps |
| F12-17.40.00 | 设备竖井 | equipment shaft |
| F12-17.45.00 | 设备夹层 | equipment mezzanine |
| F12-17.50.00 | 管廊 | pipe rack |
| F12-17.55.00 | 控制室 | control room |
| F12-17.55.10 | 消防控制中心 | fire control center |
| F12-17.55.20 | 保安室 | security room |
| F12-17.55.30 | 机房控制室 | date control room |
| F12-17.60.00 | 卫生间 | toilet |
| F12-17.60.10 | 男卫生间 | man's room |
| F12-17.60.20 | 女卫生间 | ladies room |
| F12-17.60.40 | 无障碍卫生间 | accessible lavatory |
| F12-17.65.00 | 设备机房 | equipment room |
| F12-17.65.05 | 制冷机房 | refrigerating room |
| F12-17.65.10 | 锅炉房 | boiler room |
| F12-17.65.25 | 燃气表间 | gas meter room |
| F12-17.65.30 | 储油间 | oil storage |
| F12-17.65.35 | 报警阀室 | alarm valve room |
| F12-17.65.40 | 水泵房 | water pump room |
| F12-17.65.42 | 隔油池 | separation tank pool |
| F12-17.65.52 | 空调机房 | air conditioning machine room |
| F12-17.65.57 | 生活水箱间 | living water tank room |
| F12-17.65.60 | 消防水箱间 | fire water tank room |
| F12-17.65.62 | 中水处理机房 | water treatment room |
| F12-17.65.72 | 发电机房 | generator room |
| F12-17.65.75 | 开闭站 | opening and closing station/regulation station |
| F12-17.65.78 | 分界室 | demarcation room |
| F12-17.65.80 | 变电室 | substation |
| F12-17.65.82 | 配电间 | distribution room |
| F12-17.65.85 | 弱电机房 | electronic room |
| F12-17.70.00 | 废物处理和回收空间 | waste disposal and recycling |
| F12-17.80.00 | 物业管理用房 | property management use room |
| F12-17.80.10 | 物业管理办公室 | property management office |
| F12-17.80.15 | 传达室 | message |
| F12-17.80.20 | 工具间 | tool room |
| F12-17.80.25 | 车间 | workshop |
| F12-17.80.30 | 接收间 | receiving room |
| F12-17.80.35 | 通道 | channel |
| F12-17.80.40 | 修理间 | fix room |
| F12-17.80.45 | 储藏室 | storage room |
| F12-17.80.50 | 工程室 | engineering room |
| F12-17.80.55 | 集气室 | gassammdlraum/ gas collecting chamber |
| F12-19.00.00 | 停车场空间 | parking space |
| F12-19.05.00 | 室外停车场 | outdoor parking |
| F12-19.10.00 | 停车库 | parking garage |
| F12-21.00.00 | 工业空间 | Industrial space |
| F12-21.05.00 | 生产空间 | The production space |
| F12-21.05.01 | 机电产品加工空间 | mechanical and electronic products processing and space |
| F12-21.05.03 | 焊接加工空间 | welding processing space |
| F12-21.05.05 | 钣金加工空间 | sheet metal processing and space |
| F12-21.05.07 | 冲压、剪切空间 | stamping, shear space |
| F12-21.05.09 | 热处理空间 | heat treatment of space |
| F12-21.05.11 | 铸造浇铸空间 | casting casting space |
| F12-21.05.13 | 纺织化纤生产空间 | txtile production space |
| F12-21.05.15 | 食品加工空间 | food processing space |
| F12-21.05.17 | 饮料加工空间 | beverage processing space |
| F12-21.05.19 | 电线、电缆制造空间 | wire and cable manufacturing space |
| F12-21.05.21 | 电子元件加工空间 | electronic components processing space |
| F12-21.05.23 | 零部件 | parts |
| F12-21.05.25 | 制药生产空间 | pharmaceutical production space |
| F12-21.05.27 | 印刷生产空间 | printing production space |
| F12-21.10.00 | 辅助生产空间 | assist production space |
| F12-21.10.10 | 装配空间 | assembly space |
| F12-21.10.20 | 检验空间 | check the space |
| F12-21.10.30 | 检修空间 | the access space |
| F12-21.15.00 | 办公生活配套空间 | life form a complete set of office space |
| F12-21.15.10 | 职工宿舍 | dormitory |
| F12-21.15.20 | 配套办公室 | supporting offices |
| F12-21.15.30 | 配套会议室 | supporting meeting rooms |
| F12-21.20.00 | 科研空间 | scientific research space |
| F12-21.20.10 | 实验室 | laboratory |
| F12-21.20.20 | 计量、测量室 | measurement, measurement room |
| F12-21.25.00 | 公用配套空间 | Supporting public space |
| F12-21.25.10 | 公共卫生间 | public toilets |
| F12-21.25.20 | 楼梯、电梯间 | the staircase, staircase |
| F12-21.25.30 | 休息室 | the lounge |
| F12-21.25.40 | 更衣室 | the dressing room |
| F12-21.25.50 | 门厅 | the hall |
| F12-21.25.60 | 走廊 | the corridor |
| F12-21.30.00 | 信息基础设施 | information infrastructure |
| F12-21.30.10 | 电话站 | telephone station |
| F12-21.30.20 | 网络中心 | the network center |
| F12-21.30.30 | 计算机站 | computer station |
| F12-21.35.00 | 环保治理空间 | environmental governance space |
| F12-21.40.00 | 物流运输与仓储空间 | logistics transportation and warehousing space |
| F12-21.45.00 | 专用空间 | a dedicated space |
| F12-21.45.10 | 电源设置室、发电机室 | the power setting room, generator room |
| F12-21.45.20 | 变压器室 | transformer room |
| F12-21.45.30 | 专用控制室 | dedicated control room |

#### A.0.5 按形态分建筑空间宜按表A.0.5进行分类和编码。

表A.0.5 按形态分建筑空间

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F13-01.00.00 | 完全围合的空间 | completely enclosed space |
| F13-01.10.00 | 房间 | room |
| F13-01.10.10 | 单层房间（平） | one-level room |
| F13-01.10.20 | 多层通高房间（平） | LOFT |
| F13-01.10.30 | 带阶梯的单层房间 | one-level room with stair |
| F13-01.10.40 | 带阶梯的通高房间 | LOFT with stair |
| F13-01.10.50 | 其他房间 | other room |
| F13-01.20.00 | 楼层 | level |
| F13-01.20.40 | 普通层 | standard level |
| F13-01.30.00 | 阁楼 | attic |
| F13-01.30.00 | 中庭 | atrium |
| F13-01.40.00 | 垂直围合空间 | verical enclosed space |
| F13-01.40.10 | 楼梯间 | staircase |
| F13-01.40.50 | 井道 | shaft |
| F13-01.60.00 | 其它围合空间 | other enclosed space |
| F13-02.00.00 | 部分围合的空间 | some enclosed space |
| F13-02.10.00 | 半嵌空间 | atrium |
| F13-02.20.00 | 过渡空间 | transitional space |
| F13-02.30.00 | 抬高空间 | elevated space |
| F13-02.40.00 | 低凹空间 | sunken space |
| F13-02.50.00 | 其他部分封闭空间 | other enclosed space |
| F13-03.00.00 | 无围合的空间 | non-Enclosed Spaces |
| F13-04.00.00 | 有遮罩的空间 | covered Spaces |

#### A.0.6 元素宜按表A.0.6进行分类和编码。

表A.0.6元素

| **编码** | **类目中文** | **类目英文** |
| --- | --- | --- |
| F14-10.00.00 | 建筑 | architecture |
| F14-10.10.00 | 场地 | site |
| F14-10.10.03 | 道路 | roadways |
| F14-10.10.03.03 | 道路铺面 | roadway pavement |
| F14-10.10.03.06 | 道路路缘与排水沟 | roadway curbs and gutters |
| F14-10.10.03.09 | 道路附件 | roadway appurtenances |
| F14-10.10.03.12 | 道路照明 | roadway lighting |
| F14-10.10.03.15 | 车辆收费系统 | vehicle fare collection |
| F14-10.10.03.18 | 收费站 | vehicle toll gate |
| F14-10.10.06 | 停车场 | parking lots |
| F14-10.10.06.03 | 停车场路面 | parking lol pavement |
| F14-10.10.06.06 | 停车场路肩和排水沟 | parking lot curbs and gutters |
| F14-10.10.06.09 | 停车场附件 | parking lot appurtenances |
| F14-10.10.06.12 | 停车场照明 | parking lot lighting |
| F14-10.10.06.13 | 停车位 | parking space |
| F14-10.10.06.14 | 停车升降机 | parking lift |
| F14-10.10.06.15 | 外部停车控制设备 | exterior parking control equipment |
| F14-10.10.09 | 广场 | plazas |
| F14-10.10.12 | 人行道 | walkway |
| F14-10.10.12.03 | 游憩人行道 | recreation walkway |
| F14-10.10.12.06 | 通勤通学人行道 | commuter walkway |
| F14-10.10.12.09 | 购物人行道 | shopping walkway |
| F14-10.10.12.12 | 交通人行道 | traffic walkway |
| F14-10.10.12.15 | 人行道附属设施 | walkway appurtenances |
| F14-10.10.15 | 室外活动区 | playfield areas |
| F14-10.10.15.03 | 竞技区 | athletic areas |
| F14-10.10.15.06 | 游憩区 | recreational areas |
| F14-10.10.15.09 | 运动场地 | playfield areas |
| F14-10.10.15.12 | 商展场地 | trade fair venue |
| F14-10.10.18 | 园林景观 | landscaping |
| F14-10.10.18.03 | 种植灌溉 | planting irrigation |
| F14-10.10.18.06 | 草坪 | lawn |
| F14-10.10.18.09 | 植物 | plants |
| F14-10.10.18.12 | 种植配件 | planting accessories |
| F14-10.10.18.15 | 景观照明 | landscape lighting |
| F14-10.10.18.18 | 园林景观活动 | landscaping activities |
| F14-10.10.21 | 场地附属设施 | site appurtenances |
| F14-10.10.21.03 | 消防栓 | fire hydrant |
| F14-10.10.21.06 | 排水口 | drain |
| F14-10.10.21.09 | 室外喷泉 | exterior fountains |
| F14-10.10.21.12 | 围墙和大门 | fences and gates |
| F14-10.10.21.13 | 景观栏杆 | landscape railing |
| F14-10.10.21.14 | 无障碍坡道 | barrier free ramp |
| F14-10.10.21.15 | 室外家具 | site furnishings |
| F14-10.10.21.18 | 室外标志牌 | exterior signage |
| F14-10.10.21.21 | 旗杆 | flagpoles |
| F14-10.10.21.24 | 覆盖与遮蔽 | covers and shelters |
| F14-10.10.21.27 | 外部气体照明 | exterior gas lighting |
| F14-10.10.21.30 | 现场设备 | silo equipment |
| F14-10.10.21.33 | 挡土墙 | retaining walls |
| F14-10.10.21.36 | 场地桥梁 | site bridges |
| F14-10.10.21.39 | 现场检查设备 | site screening devices |
| F14-10.10.21.42 | 场地特制品 | site specialties |
| F14-10.20.00 | 建筑构件 | architectural components |
| F14-10.20.03 | 建筑墙 | architectural wall |
| F14-10.20.03.03 | 建筑内墙 | architectural interior wall |
| F14-10.20.03.06 | 建筑外墙 | architectural exterior wall |
| F14-10.20.03.09 | 建筑特殊墙体 | architectural special wall |
| F14-10.20.03.12 | 女儿墙 | parapet |
| F14-10.20.06 | 建筑柱 | architectural column |
| F14-10.20.09 | 门 | doors |
| F14-10.20.09.03 | 室内门 | interior gates |
| F14-10.20.09.06 | 室外门 | exterior gates |
| F14-10.20.12 | 窗 | windows |
| F14-10.20.12.03 | 内窗 | interior windows |
| F14-10.20.12.06 | 外窗 | exterior windows |
| F14-10.20.15 | 屋顶 | roof |
| F14-10.20.15.03 | 平屋面 | flat roof |
| F14-10.20.15.06 | 坡屋面 | sloping roof |
| F14-10.20.15.09 | 其他屋面 | other roofs |
| F14-10.20.15.12 | 屋顶辅助构件 | roof supplementary components |
| F14-10.20.18 | 楼地板 | flooring |
| F14-10.20.18.03 | 地面板及面层 | ground decks·slabs and toppings |
| F14-10.20.18.06 | 楼层板及面层 | floor decks·slabs and toppings |
| F14-10.20.18.09 | 阳台地面 | balcony floor |
| F14-10.20.18.12 | 夹层楼面 | mezzanine floor |
| F14-10.20.18.15 | 楼层构造辅助构件 | floor construction supplementary components |
| F14-10.20.18.18 | 外挑板及面层 | external pick plate and surface layer |
| F14-10.20.18.21 | 架空楼板及面层 | raised floor slab and surface layer |
| F14-10.20.21 | 幕墙 | curtain wall |
| F14-10.20.21.03 | 构件式建筑幕墙 | frame supported glass curtain wall as-sembled in clements |
| F14-10.20.21.06 | 单元式幕墙 | unitized curtain wall |
| F14-10.20.21.09 | 玻璃幕墙 | glass curtain wall |
| F14-10.20.21.12 | 石材幕墙 | stone curtain wall |
| F14-10.20.21.15 | 金属板幕墙 | metal curtain wall |
| F14-10.20.21.18 | 全玻璃幕墙 | full glass curtain |
| F14-10.20.21.21 | 点支撑玻璃幕墙 | point-supported glass curtain wall |
| F14-10.20.21.24 | 开放式幕墙 | open joint curtain wall |
| F14-10.20.21.27 | 框架式（元件式）幕墙 | frame curtain wall |
| F14-10.20.21.30 | 双层通风幕墙 | double curtain wall |
| F14-10.20.24 | 天花板 | ceiling |
| F14-10.20.24.03 | 平面式天花板 | plane ceiling |
| F14-10.20.24.06 | 凹凸式天花板 | unevenness ceiling |
| F14-10.20.24.09 | 悬吊式天花板 | suspended ceiling |
| F14-10.20.24.12 | 井格式天花板 | well format ceiling |
| F14-10.20.27 | 楼梯 | stairs |
| F14-10.20.27.03 | 楼梯构造 | stair construction |
| F14-10.20.27.06 | 楼梯板底面 | stairs bottom surface |
| F14-10.20.27.09 | 楼梯扶手 | stair railing |
| F14-10.20.27.12 | 消防疏散 | fire escape |
| F14-10.20.27.15 | 金属人行道 | metal walkway |
| F14-10.20.27.18 | 爬梯 | ladder |
| F14-10.20.30 | 运输系统 | transportation system |
| F14-10.20.30.03 | 电梯 | elevator |
| F14-10.20.30.06 | 升降机 | lift |
| F14-10.20.30.09 | 自动扶梯 | escalator |
| F14-10.20.30.12 | 食品升降机 | dumbwaiter |
| F14-10.20.30.15 | 移动坡道 | moving ramp |
| F14-10.20.30.18 | 自动过道 | moving walk |
| F14-10.20.30.21 | 转盘 | turnlable |
| F14-10.20.30.24 | 旅客登机桥 | passenger loading bridge |
| F14-10.20.30.27 | 自动步道 | people mover |
| F14-10.20.30.30 | 起重机 | crane |
| F14-10.20.30.33 | 卷扬机 | hoist |
| F14-10.20.30.36 | 井架 | derrick |
| F14-10.20.30.39 | 输送机 | conveyor |
| F14-10.20.30.42 | 行李处理设备 | baggage handling equipment |
| F14-10.20.30.45 | 滑运道 | chute |
| F14-10.20.30.48 | 气动管道系统 | pneumatic tube system |
| F14-10.20.30.51 | 悬挂式脚手架 | suspended scaffolding |
| F14-10.20.30.53 | 升降平台 | elevating platform |
| F14-10.20.30.57 | 供电脚手架 | powered scaffolding |
| F14-10.20.30.60 | 建筑围护结构检修 | building envelope access |
| F14-10.20.33 | 坡道 | ramp |
| F14-10.20.33.03 | 行车坡度 | road ramp |
| F14-10.20.33.06 | 轮椅坡度 | wheelchair ramp |
| 14-10.20.33.09 | 货运坡道 | freight ramp |
| F14-10.20.36 | 台阶 | steps |
| F14-10.20.36.03 | 室内台阶 | interior  steps |
| F14-10.20.36.06 | 室外台阶 | exterior steps |
| F14-10.20.39 | 散水与明沟 | aproll and open trench |
| F14-10.20.42 | 栏杆 | railings |
| F14-10.20.42.03 | 节间式栏杆 | internode railings |
| F14-10.20.42.06 | 连续式栏杆 | continuous railings |
| F14-10.20.45 | 檐口 | cornice |
| F14-10.20.45.03 | 挑檐板 | eaves board |
| F14-10.20.45.06 | 滴水檐 | dripping eave |
| F14-10.20.45.09 | 天沟 | gutter |
| F14-10.20.48 | 雨篷 | canopy |
| F14-10.20.48.03 | 悬挑式雨篷 | overhanging canopy |
| F14-10.20.48.06 | 悬挂式雨篷 | hanging canopy |
| F14-10.20.48.09 | 支承式雨篷 | supporting canopy |
| F14-10.20.48.12 | 玻璃钢结构雨篷 | frp structure canopy |
| F14-10.20.48.15 | 全钢结构雨篷 | steel structure canopy |
| F14-10.20.48.18 | 新型组装式雨篷 | novel assembling canopy |
| F14-10.20.51 | 阳台露台 | balcony and terrace |
| F14-10.20.51.03 | 内阳台 | interior balcony |
| F14-10.20.51.06 | 外阳台 | exterior balcony |
| F14-10.20.51.09 | 露台 | terrace |
| F14-10.20.54 | 压顶 | coping |
| F14-10.20.54.03 | 女儿墙压顶 | parapet coping |
| F14-10.20.54.06 | 窗压顶 | windows coping |
| F14-10.20.57 | 建筑连接件 | building connections |
| F14-10.20.60 | 变形缝 | deformation joint |
| F14-10.20.60.03 | 地面变形缝 | ground deformation joint |
| F14-10.20.60.06 | 楼面变形缝 | floor deformation joint |
| F14-10.20.60.09 | 有防水层楼地面变形缝 | deformation joint of floor with water-proof layer |
| F14-10.20.60.12 | 屋面变形缝 | roof deformation joint |
| F14-10.20.60.15 | 外墙面变形缝 | exterior wall deformation joint |
| F14-10.20.70 | 天窗 | skylight |
| 14-10.20.70.03 | 固定式天窗 | fixed sunroof |
| 14-10.20.70.06 | 可开启式天窗 | openable sunroof |
| 14-10.20.80 | 遮阳 | shade |
| 14-10.20.80.03 | 固定遮阳 | fix the sunshade |
| 14-10.20.80.06 | 手动遮阳 | manual sunshade |
| 14-10.20.80.09 | 电动遮阳 | electric shade |
| F14-10.30.00 | 室内装饰 | interior decoration |
| F14-10.30.03 | 室内构造 | interior construction |
| F14-10.30.03.03 | 木家具构造 | wood furniture construction |
| F14-10.30.03.06 | 地面装饰构造 | ground decoration construction |
| F14-10.30.03.09 | 墙面装饰构造 | wall decoration construction |
| F14-10.30.03.12 | 隔墙与隔断构造 | partition wall construction |
| F14-10.30.03.15 | 门窗装饰构造 | doors and window construction |
| F14-10.30.03.18 | 柱子与楼梯构造 | pillar and staircase construction |
| F14-10.30.03.21 | 顶棚装饰构造 | ceiling decoration construction |
| F14-10.30.12 | 家具 | furniture |
| F14-10.30.12.03 | 活动家具 | movable furniture |
| F14-10.30.12.06 | 固定家具 | fixed furniture |
| F14-10.30.15 | 室内绿化与内庭 | interior greening and courtyard |
| F14-10.30.15.03 | 室内植物 | interior plants |
| F14-10.30.15.06 | 假山叠石 | rockery and stacked stone |
| F14-10.30.15.09 | 喷泉 | fountains |
| F14-10.30.15.12 | 水景形式 | water features |
| F14-10.30.15.15 | 园林装饰 | landscaping decoration |
| F14-10.30.15.18 | 室内庭 | interior courtyard |
| F14-10.30.18 | 室内陈设 | interior furnishing |
| F14-10.30.18.03 | 软装饰 | soft  decoration |
| F14-10.30.18.06 | 陈设品 | garniture |
| F14-20.00.00 | 结构 | structure |
| F14-20.10.00 | 地基基础 | ground and foundation |
| F14-20.10.03 | 基础 | foundation |
| F14-20.10.03.03 | 独立基础 | independent foundation |
| F14-20.10.03.06 | 条形基础 | strip foundation |
| F14-20.10.03.09 | 筏板基础 | raft foundation |
| F14-20.10.03.12 | 箱形基础 | box foundation |
| F14-20.10.03.15 | 桩基础 | pile foundation |
| F14-20.10.06 | 基础梁 | foundation beam |
| F14-20.10.09 | 基础底板 | bottom plate |
| F14-20.10.12 | 基坑围护 | excavation support |
| F14-20.10.12.03 | 地下围护墙 | underground retaining wall |
| F14-20.10.12.06 | 锚杆 | anchor bolt |
| F14-20.10.12.09 | 土钉 | soil nailing |
| F14-20.10.15 | 桩 | pile |
| F14-20.10.15.03 | 摩擦桩 | friction pile |
| F14-20.10.15.06 | 端承摩擦桩 | end bearing friction pile |
| F14-20.10.15.09 | 端承桩 | end bearing pile |
| F14-20.10.15.12 | 摩擦端承桩 | friction end bearing pile |
| F14-20.20.00 | 混凝土结构 | concrete construction |
| F14-20.20.03 | 混凝土板 | concrete plate |
| F14-20.20.06 | 混凝土梁 | concrete beam |
| F14-20.20.09 | 混凝土柱 | concrete column |
| F14-20.20.12 | 混凝土梁柱节点 | concrete beam column joint |
| F14-20.20.15 | 混凝土墙 | concrete wall |
| F14-20.20.18 | 预埋及吊环 | pre-cast and hanging rings |
| F14-20.20.21 | 结构缝 | structural seam |
| F14-20.20.21.03 | 沉降缝 | settlement seam |
| F14-20.20.21.06 | 抗震缝 | seismic seams |
| F14-20.20.21.09 | 伸缩缝 | shrinkage seams |
| F14-20.30.00 | 钢结构 | steel structure |
| F14-20.30.03 | 钢柱 | steel column |
| F14-20.30.06 | 钢梁 | steel beam |
| F14-20.30.09 | 钢桁架 | steel truss |
| F14-20.30.12 | 钢网架 | steel grid structure |
| F14-20.30.15 | 钢檩条 | steel wingeeltis |
| F14-20.30.18 | 拉索 | cable |
| F14-20.30.21 | 膜 | membrane |
| F14-20.30.24 | 钢支撑 | steel brace |
| F14-20.30.27 | 钢结构连接节点 | steel connection |
| F14-20.30.30 | 钢结构连接附件 | steel connection accessories |
| F14-20.40.00 | 其他结构 | other structure |
| F14-20.40.03 | 木结构 | timber structure |
| F14-20.40.06 | 砌体结构 | masonry structure |
| F14-30.00.00 | 供热通风与空调 | heating ventilation and air condition­ing (HVAC) |
| F14-30.10.00 | 冷热源设备 | cooling equipment and healing equip­ment |
| F14-30.10.03 | 制冷机组 | cooling equipment |
| F14-30.10.03.03 | 风冷热泵式冷水机组 | air-cooled heal pump chiller |
| F14-30.10.03.06 | 活塞式制冷机组 | reciprocating chiller |
| F14-30.10.03.09 | 螺杆式制冷机组 | screw chiller |
| F14-30.10.03.12 | 离心式制冷机组 | centrifugal chiller |
| F14-30.10.03.15 | 模块式制冷机组 | modular chiller |
| F14-30.10.03.18 | 吸收式制冷机组 | absorption chillers |
| F14-30.10.03.21 | 其他制冷机组 | other cooling equipment |
| F14-30.10.06 | 制热机组 | healing equipment |
| F14-30.10.06.03 | 锅炉 | boiler |
| F14-30.10.06.06 | 太阳能制热设备 | solar healing equipment |
| F14-30.10.09 | 混合制冷制热机组 | heating-cooling mixed equipment |
| F14-30.10.09.03 | 热泵机组 | heat pump unit |
| F14-30.20.00 | 液体输送设备 | liquid delivery unit |
| F14-30.20.03 | 水管 | pipe |
| F14-30.20.03.03 | 冷水管 | cold water pipe |
| F14-30.20.03.06 | 热水管 | hot water pipe |
| F14-30.20.03.09 | 冷媒管道 | refrigerant pipe |
| F14-30.20.03.12 | 冷凝管道 | condensate pipe |
| F14-30.20.06 | 分歧管 | air conditioner branch pipe |
| F14-30.20.15 | 水泵 | water pump |
| F14-30.20.15.03 | 冷冻水泵 | chilled water pump |
| F14-30.20.15.06 | 冷却水泵 | cooling water pump |
| F14-30.20.15.09 | 热水循环泵 | hot water circulating pump |
| F14-30.20.18 | 循环水处理设备 | circulating water treatment equipment |
| F14-30.25.00 | 采暖设备 | heating equipment |
| F14-30.25.03 | 地暖管 | floor heating tube |
| F14-30.25.06 | 地暖分集水器 | floor heating water divider |
| F14-30.25.09 | 散热器 | the radiator |
| F14-30.25.12 | 暖风机 | warm air blower |
| 14-30.30.00 | 空气处理设备 | air conditioning equipment |
| F14-30.30.03 | 空调机组 | air handling unit |
| F14-30.30.03.03 | 室外空调机组 | outdoor air handling unit |
| F14-30.30.03.06 | 新风空调机组 | fresh air handling unit |
| F14-30.30.03.09 | 循环空调机组 | recycled air handling unit |
| F14-30.30.03.12 | 组合式空调机组 | modular air handling unit |
| F14-30.30.03.15 | 分体空调机组 | split air conditioning unit |
| F14-30.30.06 | 风机盘管 | fan-coil unit |
| F14-30.30.06.03 | 卧式风机盘管 | horizontal fan coil unit |
| F14-30.30.06.06 | 立式风机盘管 | vertical fan-coil unit |
| F14-30.30.06.09 | 卡式风机盘管 | cassette fan coil unit |
| F14-30.30.06.12 | 壁挂式风机盘管 | wall-mounted fan coil unit |
| F14-30.30.09 | 其他组件 | other unit |
| F14-30.30.09.03 | 加湿器 | humidifier |
| F14-30.30.09.06 | 除湿器 | dehumidifier |
| F14-30.30.09.09 | 末端调风装置 | end air conditioner |
| F14-30.40.00 | 空气输送设备 | air transportation equipment |
| F14-30.40.03 | 风管 | duel |
| F14-30.40.03.03 | 矩形风管 | rectangular duel |
| F14-30.40.03.06 | 圆形风管 | circular duel |
| F14-30.40.03.09 | 软风管 | flexible duel |
| F14-30.40.03.12 | 回风管 | back to the duct |
| F14-30.40.03.15 | 排风管 | exhaust duct |
| F14-30.40.03.18 | 送风管 | blast pipe |
| F14-30.40.03.21 | 排烟管 | exhaust pipe |
| F14-30.40.03.24 | 补风管 | for duct |
| F14-30.40.03.27 | 新风管 | fresh air tube |
| F14-30.40.06 | 风管管件 | fittings |
| F14-30.40.06.03 | 风管弯管 | duct elbow |
| F14-30.40.06.06 | 风管连接件 | duel coupling |
| F14-30.40.06.09 | 风管三通 | duct lee |
| F14-30.40.06.12 | 风管四通 | duct cross |
| F14-30.40.06.15 | 风管堵头 | duct plug |
| F14-30.40.09 | 风管附件 | duct attachments |
| F14-30.40.09.03 | 风阀 | duct damper |
| F14-30.40.09.06 | 导流叶片 | guide vane |
| F14-30.40.09.09 | 风管检查门 | duct access door |
| F14-30.40.09.12 | 风管仪表 | duct meter |
| F14-30.40.09.15 | 消声器 | acoustic damper |
| F14-30.40.09.18 | 防虫网 | insect proof net |
| F14-30.40.12 | 风口 | air opening |
| F14-30.40.12.03 | 送风口 | supply air outlet |
| F14-30.40.12.06 | 回风口 | return air inlet |
| F14-30.40.12.09 | 排风口 | exhaust air outlet |
| F14-30.40.15 | 保温层 | insulating layer |
| F14-30.50.00 | 其他设备 | other equipment |
| F14-30.50.03 | 支吊架 | trestle |
| F14-30.50.03.05 | 固定支架 | fixed trestle |
| F14-30.50.03.10 | 活动支架 | movable trestle |
| F14-30.50.03.15 | 导向支架 | guide bracket |
| F14-30.50.06 | 水箱 | tank |
| F14-30.50.09 | 过滤器 | filter |
| F14-30.50.12 | 分水器 | water segregator |
| F14-30.50.15 | 集水器 | collecting breeching |
| F14-30.50.18 | 冷却塔 | cooling lower |
| F14-30.50.21 | 蓄热装置 | heat storage unit |
| F14-30.60.00 | 采暖设备 | heating equipment |
| F14-30.60.03 | 地暖管 | floor heating tube |
| F14-30.60.06 | 地暖分集水器 | floor heating water divider |
| F14-40.00.00 | 给水排水 | water supply and drainage |
| F14-40.10.00 | 供水系统 | water supply system |
| F14-40.10.03 | 供水管道 | water supply pipe |
| F14-40.10.03.06 | 补水管 | filling water pipe |
| F14-40.10.03.09 | 回水管 | return pipe |
| F14-40.10.12 | 供水设备 | water supply equipment |
| F14-40.10.12.03 | 供水水箱 | water supply tank |
| F14-40.10.12.06 | 供水水泵 | water supply pump |
| F14-40.10.12.09 | 供水过滤器 | water supply strainer |
| F14-40.20.00 | 排水系统 | water drainage system |
| F14-40.20.03 | 排水管道 | drainage pipe |
| F14-40.20.03.03 | 污水管 | sewage pipe |
| F14-40.20.03.06 | 废水管 | waste pipe |
| F14-40.20.03.09 | 雨水管 | rain pipe |
| F14-40.20.12 | 排水装置 | drainage equipment |
| F14-40.20.12.03 | 地漏 | floor drain |
| F14-40.20.12.06 | 雨水沟 | rain rill |
| F14-40.20.12.09 | 雨水斗 | roof drain |
| F14-40.25.00 | 卫浴设备 | sanitary equipment |
| F14-40.25.10 | 洁具 | sanitary ware |
| F14-40.25.10.03 | 墩布池 | mop sink |
| F14-40.25.10.06 | 台盆 | basin |
| F14-40.25.10.09 | 水龙头 | water tap |
| F14-40.25.10.12 | 小便器 | urinal |
| F14-40.25.10.13 | 蹲便器 | squatting pan |
| F14-40.25.10.14 | 坐便器 | pedestal pan |
| F14-40.25.20 | 卫浴配件 | bathroom accessories |
| F14-40.25.20.03 | 水槽 | sink |
| F14-40.25.20.06 | 挂衣钩 | clothes hook |
| F14-40.25.20.09 | 卷纸器 | paper winder |
| F14-40.25.20.12 | 干手器 | hand dryer |
| F14-40.30.00 | 水消防系统 | water-based fire-suppression system |
| F14-40.30.03 | 消防栓系统 | fire hydrant system |
| F14-40.30.06 | 自动喷水灭火系统 | automatic sprinkler system |
| F14-40.30.09 | 大空间智能型主动喷水灭火系统 | large-space intelligent active control sprinkler system |
| F14-40.30.12 | 水喷雾灭火系统 | water spray extinguishing system |
| F14-40.30.15 | 细水雾灭火系统 | water mist fire extinguishing system |
| F14-40.30.18 | 固定消防炮灭火系统 | fixed fire monitor extinguishing sys­tem |
| F14-40.30.21 | 消防管件 | fire fighting pipe fitting |
| F14-40.30.24 | 消防管道附件 | fire fighting pipe appurtenance |
| F14-40.30.27 | 消防设备 | fient |
| F14-40.30.27.03 | 消防水泵 | fire pre fighting equipmump |
| F14-40.30.27.06 | 消防栓系统加压泵 | hydrant system pressure pump |
| F14-40.30.27.09 | 自动喷水灭火系统加压泵 | automatic sprinkler system pressure pump |
| F14-40.30.27.12 | 消防水箱 | fire water tank |
| F14-40.30.27.15 | 消防水池 | fire basin |
| F14-40.30.27.18 | 消防稳压泵 | fire stabilized pump |
| F14-40.30.27.21 | 消火栓 | fire hydrant |
| F14-40.30.27.24 | 消防稳压罐 | fire stabilized tank |
| F14-40.30.27.27 | 消防水泵结合器 | fire pump connector |
| F14-40.30.27.30 | 消防喷头 | fire sprinkler |
| F14-40.30.27.36 | 消防报警设备 | fire alarm equipment |
| 14-40.40.00 | 工业管道系统 | industrial pipe system |
| F14-40.40.03 | 压缩空气系统 | compressed air system |
| F14-40.40.06 | 真空系统 | vacuum system |
| F14-40.40.09 | 天然气系统 | natural gas system |
| F14-40.40.12 | 化学废物处理系统 | chemical waste treatment system |
| F14-40.40.15 | 生产水系统 | water production system |
| F14-40.40.18 | 工艺用管道系统辅助部件 | accessories of process pipe system |
| F14-40.50.00 | 水管管件 | pipe fitting |
| F14-40.50.03 | 弯头 | elbow |
| F14-40.50.06 | 三通 | lee |
| F14-40.50.09 | 四通 | cross |
| F14-40.50.12 | 过渡件 | reducing |
| F14-40.50.15 | 接头 | coupling |
| F14-40.50.18 | 法兰 | flange |
| F14-40.60.00 | 水管附件 | pipe appurtenance |
| F14-40.60.03 | 阀门 | valve |
| F14-40.60.06 | 仪表 | meter |
| F14-40.60.09 | 过滤器 | filter |
| F14-40.60.12 | 存水弯 | trap |
| F14-40.60.15 | 清扫口 | cleaning hole |
| F14-40.60.18 | 通气帽 | vent cap |
| F14-40.60.21 | 管道保温层 | insulating layer of pipe |
| F14-40.60.27 | 套管 | casing |
| F14-40.60.27.05 | 刚性防水套管 | rigid waterproofing casing |
| F14-40.60.27.10 | 柔性防水套管 | flexible waterproofing casing |
| F14-50.00.00 | 电气 | electrical |
| F14-50.10.00 | 发电设备 | facility power general ion |
| F14-50.10.03 | 发电机 | generator |
| F14-50.10.06 | 电池设备 | battery equipment |
| F14-50.10.12 | 照明 | facility power generation supplementary components |
| F14-50.10.12.03 | 灯具 | lighting |
| F14-50.10.15 | 动力 | lighting fixture |
| F14-50.10.15.03 | 电动机 | lighting supplementary components |
| F14-50.10.15.06 | 内燃机 | dynamic electricity |
| F14-50.10.15.09 | 空气压缩机 | Electrometer |
| F14-50.10.15.12 | 蒸汽机 | internal combustion engine |
| F14-50.10.18 | 配电组件 | air compressor |
| F14-50.10.18.03 | 配电箱 | distribution box |
| F14-50.10.18.06 | 插座 | socket |
| F14-50.10.18.09 | 变压器 | transformer |
| F14-50.10.18.12 | 配电柜 | power Distribution Cabinet |
| F14-50.10.18.15 | 直流屏 | dC screen |
| F14-50.10.18.18 | 设备控制箱 | equipment control box |
| F14-50.20.00 | 建筑智能化 | building intellectualization |
| F14-50.20.03 | 建筑设备监控系统 | building automation system |
| F14-50.20.03.03 | 输送系统的综合自控设备 | integrated automation control of conve­ying equipment |
| F14-50.20.03.06 | 灭火系统的综合自控 设备 | integrated automation control of fire suppression system |
| F14-50.20.03.09 | 管道系统的综合自控 设备 | integrated automation control of plumb­ing systems |
| F14-50.20.03.12 | 暖通空调系统的综合 自控设备 | integrated automation control of hvac systerns |
| F14-50.20.03.15 | 电气系统的综合自控 设备 | integrated automation control of electrical systems |
| F14-50.20.03.18 | 通信系统的综合自控 设备 | integrated automation control of communication systems |
| F14-50.20.03.21 | 电子安全系统及综合 自控设备 | integrated automation control of elec­tronic safety and security systems |
| F14-50.20.03.24 | 综合白动化辅助部件 | integrated automation supplementary components |
| F14-50.20.06 | 安防 | security |
| F14-50.20.06.03 | 门禁 | access control |
| F14-50.20.06.06 | 道闸 | barrier gate |
| F14-50.20.06.09 | 报警设备 | alarm equipment |
| F14-50.20.06.12 | 监控设备 | monitoring equipment |
| F14-50.20.09 | 通信 | communications |
| F14-50.20.09.03 | 数据通信 | data communications |
| F14-50.20.09.06 | 语音通信 | voice communications |
| F14-50.20.09.09 | 音频视频通信 | audio-video communications |
| F14-50.20.09.12 | 分布式通信和监测 | distributed communications and monitoring |
| F14-50.20.09.15 | 通信辅助部件 | communications supplementary com­ponents |
| F14-50.20.12 | 广播 | radio |
| F14-50.20.20 | 楼宇自控系统 | building automation system |
| F14-50.30.00 | 专用电气 | special electric |
| F14-50.30.03 | 防雷 | lightning protection |
| F14-50.30.06 | 阴极保护 | cathodic protection |
| F14-50.30.09 | 瞬态电压抑制 | transient voltage suppression |
| F14-50.30.12 | 其他电气系统辅助 部件 | miscellaneous electrical systems sup­supplementary components |
| F14-50.40.00 | 线缆 | cable |
| F14-50.40.03 | 电线 | electric wire |
| F14-50.40.06 | 数据线 | data wire |
| F14-50.50.00 | 线缆敷设配件 | wiring fittings |
| F14-50.50.03 | 桥架 | cable tray |
| F14-50.50.06 | 线缆支吊架 | cable support |

#### A.0.7 建筑运维行为宜按表A.0.7进行分类和编码。

表A.0.7建筑运维行为

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F23-01.00.00 | 设备设施管理 | equipment and facilities management |
| F23-01.10.00 | 使用 | use |
| F23-01.10.10 | 调试 | debugging |
| F23-01.10.15 | 调适 | debugging |
| F23-01.10.20 | 启停 | start and stop |
| F23-01.10.25 | 控制 | control |
| F23-01.20.00 | 巡检 | inspection |
| F23-01.20.10 | 检查 | examine |
| F23-01.20.15 | 记录 | recording |
| F23-01.20.20 | 报修 | repair |
| F23-01.30.00 | 维修 | maintenance |
| F23-01.30.10 | 测试 | test |
| F23-01.30.15 | 修理 | repair |
| F23-01.40.00 | 保养 | maintenance |
| F23-01.40.10 | 清洁 | clean |
| F23-01.50.00 | 设备更新 | device updates |
| F23-01.50.10 | 拆除 | dismantle |
| F23-01.50.15 | 升级 | upgrade |
| F23-01.50.20 | 采购 | procurement |
| F23-01.50.25 | 报废 | scrap |
| F23-01.50.30 | 再利用 | recycle |
| F23-01.50.35 | 转化 | invert |
| F23-01.50.40 | 搬迁 | relocation |
| F23-02.00.00 | 交通管理 | traffic management |
| F23-02.10.00 | 车辆管理 | vehicle management |
| F23-02.10.10 | 出入登记 | check in and out |
| F23-02.10.15 | 载物监管 | load supervision |
| F23-02.10.20 | 牌证核实 | license verification |
| F23-02.10.30 | 减速慢行 | slow down the line |
| F23-02.10.35 | 禁止鸣笛 | whistles are not allowed |
| F23-02.10.40 | 疏导指挥 | guide the command |
| F23-02.10.45 | 车辆检验 | vehicle inspection |
| F23-02.10.50 | 车辆报废 | vehicle scrappage |
| F23-02.10.55 | 停放监管 | parking supervision |
| F23-02.10.60 | 车辆收费 | vehicle charges |
| F23-02.10.63 | 受损赔款 | damage compensation |
| F23-02.20.00 | 车位管理 | parking management |
| F23-02.20.10 | 车位租赁公示 | parking rental publicity |
| F23-02.20.15 | 车位空缺公示 | vacancies in parking spaces are announced |
| F23-02.20.20 | 车位登记 | parking registration |
| F23-02.20.25 | 车位引导 | parking guide |
| F23-02.20.30 | 巡视检查 | patrol |
| F23-02.20.35 | 车位维修 | parking repair |
| F23-02.20.40 | 车位养护 | parking maintenance |
| F23-02.30.00 | 道路管理 | road management |
| F23-02.30.10 | 朝向方位 | facing orientation |
| F23-02.30.10.05 | 方向指示 | direction indication |
| F23-02.30.15 | 流线方向 | the direction of the flow line |
| F23-02.30.15.05 | 单车道设置 | one-lane settings |
| F23-02.30.15.10 | 双车道设置 | two-lane setting |
| F23-02.30.15.15 | 人车分流 | people and cars divert |
| F23-02.30.20 | 道路巡检 | road inspections |
| F23-02.30.25 | 占道监管 | jesintro regulation |
| F23-02.30.30 | 消防通道监控 | fire channel monitoring |
| F23-02.30.35 | 道路整洁 | uncluttered |
| F23-02.30.40 | 道路绿化 | greening |
| F23-03.00.00 | 环境管理 | environmental management |
| F23-03.10.00 | 绿化管理 | greening management |
| F23-03.10.10 | 修剪 | trim |
| F23-03.10.15 | 浇水 | watering |
| F23-03.10.20 | 施肥 | fertilize |
| F23-03.10.25 | 杀虫 | insecticidal |
| F23-03.10.30 | 去尘 | dust out |
| F23-03.10.35 | 补缺 | fill the gap |
| F23-03.10.40 | 除杂草 | weeds |
| F23-03.10.45 | 防风、防涝巡查 | wind and flood control inspection |
| F23-03.10.50 | 布局美化 | layout beautification |
| F23-03.10.55 | 长势维护 | long-term maintenance |
| F23-03.10.60 | 时花摆放 | time flowers are placed |
| F23-03.20.00 | 卫生管理 | hygiene management |
| F23-03.20.10 | 空气质量 | air quality |
| F23-03.20.10.10 | 空气监测 | air monitoring |
| F23-03.20.10.15 | 有害气体限排 | harmful gas emission limits |
| F23-03.20.10.20 | 空气净化 | air purification |
| F23-03.20.10.25 | 绿化加强 | greening strengthened |
| F23-03.20.20 | 水环境管理 | water environment management |
| F23-03.20.20.10 | 水样抽检 | water sample sampling |
| F23-03.20.20.15 | 供水设施清理消毒 | water supply facilities clean and disinfect |
| F23-03.20.20.20 | 净水设施更换维护 | water purification facilities replacement and maintenance |
| F23-03.20.20.25 | 污水减排 | sewage emission reduction |
| F23-03.20.20.30 | 人员定期体检 | regular medical check-ups are conducted |
| F23-03.20.30 | 垃圾管理 | litter management |
| F23-03.20.30.10 | 统一处理 | unified handling |
| F23-03.20.30.15 | 分类 | classify |
| F23-03.20.30.20 | 清运分包 | clear subcontracts |
| F23-03.20.30.25 | 设备清理、消毒 | equipment cleaning, disinfection |
| F23-03.20.30.30 | 日产日清 | nissan Nissin |
| F23-03.20.30.35 | 垃圾房清洁通风 | the garbage room is clean and ventilated |
| F23-03.20.40 | 声环境管理 | sound environment |
| F23-03.20.40.10 | 噪声监测 | noise monitoring |
| F23-03.20.40.15 | 噪声源控制 | noise source control |
| F23-03.20.40.20 | 采取隔音措施 | take soundproofing measures |
| F23-03.30.00 | 舒适度管理 | comfort management |
| F23-03.30.10 | 舒适度监测 | comfort monitoring |
| F23-03.30.10.10 | 温度监测 | comfort monitoring |
| F23-03.30.10.15 | 湿度监测 | humidity monitoring |
| F23-03.30.10.20 | 光监测 | light monitoring |
| F23-03.30.10.25 | 热监测 | thermal monitoring |
| F20-03.30.20 | 舒适度评价 | comfort rating |
| F23-03.30.20.10 | 满意度评价 | satisfaction evaluation |
| F23-03.30.20.15 | 设备诊断 | device diagnostics |
| F23-03.30.30 | 舒适度调整 | comfort adjustment |
| F23-03.30.30.10 | 设备开关 | device switch |
| F23-03.30.30.15 | 档次调整 | grade adjustment |
| F23-03.30.30.20 | 设备维修 | equipment repair |
| F23-03.30.40 | 舒适度再评价 | comfort re-evaluation |
| F23-04.00.00 | 安全管理 | security management |
| F23-04.10.00 | 安防管理 | security management |
| F23-04.10.10 | 技术安防 | technical security |
| F23-04.10.20 | 人工安防 | artificial security |
| F23-04.10.20.10 | 巡逻 | patrol |
| F23-04.10.20.15 | 查看 | view |
| F23-04.10.20.20 | 判断 | judge |
| F23-04.10.20.25 | 登记 | registered |
| F23-04.10.20.30 | 跟踪 | trace |
| F23-04.10.20.35 | 盘问 | interrogate |
| F23-04.10.20.40 | 协调指挥 | coordinate command |
| F23-04.10.20.45 | 疫情防控 | epidemic prevention and control |
| F23-04.10.20.50 | 突发事件应对 | emergency response |
| F23-04.20.00 | 消防管理 | firefighting |
| F23-04.20.10 | 消防宣传 | fire publicity |
| F23-04.20.10.10 | 消防演练 | fire drills |
| F23-04.20.10.15 | 消防设备运行管理 | fire equipment operation management |
| F23-04.20.10.20 | 消防设备维护 | fire equipment maintenance |
| F23-04.20.10.25 | 消防用具使用 | use of fire appliances |
| F23-04.20.10.30 | 消防监控 | fire monitoring |
| F23-04.20.10.35 | 消防检查 | fire inspect |
| F23-04.20.10.40 | 消防档案管理 | fire file management |
| F23-04.30.00 | 信息管理 | information |
| F23-04.30.10 | 人员信息安全 | personnel information security |
| F23-04.30.10.10 | 来访人员辨识记录 | visitor identification records |
| F23-04.30.10.15 | 业主查询信息记录 | owners query information records |
| F23-04.30.10.20 | 影像资料管理保密 | image data management is confidential |
| F23-04.30.20 | 数据安全管理 | data security |
| F23-04.30.20.10 | 网络设备维护 | network equipment maintenance |
| F23-04.30.20.15 | 信息管理技术更新 | information management technology updates |
| F23-04.30.20.20 | 操作人员授权 | operator authorized |
| F23-04.30.20.23 | 管理人员授权 | managers authorized |
| F23-04.30.20.25 | 纸质文档专柜归档 | paper document counters archived |
| F23-04.30.30 | 设备信息安全 | device information Secured |
| F23-04.30.30.10 | 现在设备信息 | now device information |
| F23-04.30.30.15 | 设备运行安全信息 | the device runs with security information |
| F23-04.30.30.20 | 设备管理数据库保存 | device management database save |

#### A.0.8运营服务行为宜按表A.0.8进行分类和编码。

表A.0.8运营服务行为

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F24-01.00.00 | 招商租赁 | merchants lease |
| F24-01.10.00 | 客户管理 | customer management |
| F24-01.10.10 | 客户信息登记 | customer information registration |
| F24-01.10.20 | 客户跟进 | customer follow-up |
| F24-01.20.00 | 合同管理 | contract management |
| F24-01.20.10 | 合同签约 | contract signing |
| F24-01.20.15 | 合同变更 | contract changes |
| F24-01.20.20 | 合同退约 | contract withdrawn |
| F24-01.20.25 | 合同续约 | contract renewed |
| F24-01.30.00 | 租赁账单 | rental bill |
| F24-01.30.10 | 账号登记 | account registration |
| F24-01.30.15 | 账单推送 | bill push |
| F24-01.30.20 | 账单管理 | bill management |
| F24-01.40.00 | 财务管理 | financial management |
| F24-01.40.10 | 账单出具 | bill issued |
| F24-01.40.15 | 账单递送 | bill delivery |
| F24-01.40.20 | 账单催缴 | bill collected |
| F24-01.40.25 | 收款 | collection |
| F24-01.40.30 | 开票 | billing |
| F24-01.40.35 | 账单统计查询 | billing statistics query |
| F24-02.00.00 | 企业服务 | enterprise services |
| F24-02.10.00 | 后勤办公 | logistics office |
| F24-02.10.10 | 装修管理 | renovation management |
| F24-02.10.15 | 投诉管理 | complaint management |
| F24-02.20.00 | 报事申请 | applicate |
| F24-01.20.10 | 报事报修 | repaired |
| F24-01.20.15 | 投诉管理 | complaint management |
| F24-01.20.20 | 通知公告 | notification announcement |
| F24-02.30.00 | 员工认证 | employee certification |
| F24-02.40.00 | 资产授权 | asset authorization |
| F24-02.40.10 | 在线缴费 | pay online |
| F24-03.00.00 | 能源服务 | energy services |
| F24-03.10.00 | 计量点维护 | metering point maintenance |
| F24-03.20.00 | 计量抄表 | meter reading |
| 24-03.30.00 | 能源账单催款 | energy bill collection |
| F24-04.00.00 | 金融服务 | financial services |
| F24-04.10.00 | 金融产品发布 | financial product launch |
| F24-04.20.00 | 金融订单交易 | financial order trading |
| F24-04.30.00 | 金融投资 | financial investment |
| F24-04.40.00 | 股份权益测算 | share equity measurement |
| F24-05.00.00 | 产业生态 | industrial ecology |
| F24-05.10.00 | 企业画像 | portrait of the enterprise |
| F24-05.20.00 | 产业链分析 | industry chain analysis |
| F24-05.30.00 | 产业分布 | industry distribution |
| F24-06.00.00 | 价值分析 | value analysis |
| F24-06.10.00 | 运营活力指数分析 | operational vitality index analysis |
| F24-06.20.00 | 运营安全风险监控 | operational security risk monitoring |
| F24-06.30.00 | 运营价值动态分析 | dynamic analysis of operational value |

#### A.0.9建筑产品宜按表A.0.9进行分类和编码。

表A.0.9建筑产品

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F30-01.00.00 | 混凝土 | concrete |
| F30-01.10.00 | 预制混凝土制品及构件 | precast concrete |
| F30-01.10.10 | 预制混凝土柱 | precast concrete column |
| F30-01.10.20 | 预制混凝土梁 | precast concrete beam |
| F30-01.10.30 | 预制混凝楼板 | precast concrete decking |
| F30-01.10.40 | 预制混凝土墙板 | precast concrete wall board |
| F30-01.10.40.10 | 钢筋混凝土板 | reinforced concrete slab |
| F30-01.10.40.20 | 蒸压加气混凝土板 | autoclaved aerated concrete slab |
| F30-01.10.40.30 | 轻集料混凝土条板 | lightweight aggregate concrete panel |
| F30-01.10.50 | 预制混凝土屋面板 | precast concrete roof board |
| F30-01.15.00 | 商品混凝土 | casl-in-place concrete |
| F30-01.15.10 | 自密实混凝土 | self-compacting concrete |
| F30-01.15.20 | 高强混凝土 | high strength concrete |
| F30-01.15.30 | 泡沫混凝土 | foamed concrete |
| F30-01.15.40 | 防水混凝土 | waterproofed concrete |
| F30-01.15.50 | 防辐射混凝土 | radiation shielding concrete |
| F30-01.15.60 | 钢筋混凝土 | reinforced concrete |
| F30-01.15.70 | 碎石、卵石混凝土 | gravel, pebble concrete |
| F30-01.16.00 | 轻骨料混凝土 | lightweight aggregate concrete |
| F30-01.16.10 | 膨胀矿渣珠混凝土 | expansive slag bead concrete |
| F30-01.16.15 | 自然煤矸石，炉渣混凝土 | natural coal gangue, slag concrete |
| F30-01.16.20 | 粉煤灰陶粒混凝土 | pulverized coal ash ceramsite concrete |
| F30-01.16.25 | 黏土陶粒混凝土 | clay ceramsite concrete |
| F30-01.16.30 | 页岩渣、石灰、水泥混凝土 | shale slag, lime, cement concrete |
| F30-01.16.35 | 页岩陶粒混凝土 | shale ceramsite concrete |
| F30-01.16.40 | 火山灰渣、砂、水泥混凝土 | volcanic ash, sand, cement concrete |
| F30-01.16.45 | 浮石混凝土 | pumice concrete |
| F30-01.17.00 | 轻混凝土 | lightweight concrete |
| F30-01.17.10 | 加气混凝土 | aerated concrete |
| F30-01.20.00 | 水泥及胶凝材料 | cement and cementitious material |
| F30-01.20.10 | 通用硅酸盐水泥 | common portland cement |
| F30-01.20.10.10 | 硅酸盐水泥 | Portland cement |
| F30-01.20.10.20 | 普通硅酸盐水泥 | ordinary portland cement |
| F30-01.20.10.30 | 矿渣硅酸盐水泥 | port land blast-furnace-slag cement |
| F30-01.20.10.40 | 火山灰质硅酸盐水泥 | port land pozzolana cement |
| F30-01.20.10.50 | 复合硅酸盐水泥 | composite port land cement |
| F30-01.20.10.60 | 粉煤灰硅酸盐水泥 | portland fly-ash cement |
| F30-01.20.20 | 特种水泥 | special cement |
| F30-01.20.20.10 | 硫铝酸盐水泥 | sulphoaluminate cement |
| F30-01.20.20.20 | 高铝水泥 | aluminum cement |
| F30-01.20.20.30 | 筑砌水泥 | masonry cement |
| F30-01.20.20.40 | 白色硅酸盐水泥 | white port land cement |
| F30-01.20.20.50 | 彩色硅酸盐水泥 | coloured cement |
| F30-01.20.30 | 矿物掺合料 | mineral admixture |
| F30-01.20.30.10 | 硅灰 | silica fume |
| F30-01.20.30.20 | 粒化高炉矿渣粉 | ground granulated blast furnace slag |
| F30-01.20.30.30 | 粉煤灰 | fly ash |
| F30-01.20.30.40 | 硅藻土 | diatomite |
| F30-01.21.00 | 松散无机材料 | loose inorganic material |
| F30-01.21.10 | 锅炉渣 | Boiler slag |
| F30-01.21.15 | 粉煤灰 | The fly ash |
| F30-01.21.20 | 高炉炉渣 | the blast furnace slag |
| F30-01.21.25 | 浮石，凝灰岩 | pumice, tuff |
| F30-01.21.30 | 膨胀桎石 | inflation consumes stone |
| F30-01.21.35 | 硅藻土 | diatomaceous earth |
| F30-01.21.40 | 泡沫石灰 | bubble lime |
| F30-01.21.45 | 碳化泡沫石灰 | carbonized foamed lime |
| F30-01.21.50 | 泡沫石膏 | bubble gypsum |
| F30-01.22.00 | 松散有机材料 | loose organic material |
| F30-01.22.10 | 木屑 | wood chips |
| F30-01.22.15 | 稻草 | straw |
| F30-01.22.20 | 干草 | hay |
| F30-01.25.00 | 混凝土外加剂 | concrete admixture |
| F30-01.25.10 | 减水剂 | water reducing admixture |
| F30-01.25.10.10 | 高效减水剂 | superplasticizer |
| F30-01.25.10.20 | 缓凝高效减水剂 | set retardering superplasticizer |
| F30-01.25.10.30 | 早强减水剂 | hardening accelerating and water re­ducing admi xture |
| F30-01.25.13 | 引气剂 | air entraining admixture |
| F30-01.25.16 | 早强剂 | hardening accelerating admixture |
| F30-01.25.19 | 防水剂 | water-repellent admixture |
| F30-01.25.23 | 防冻剂 | anti-freezing admixture |
| F30-01.25.26 | 膨胀剂 | expanding admixture |
| F30-01.25.29 | 速凝剂 | flash setting admixture |
| F30-01.25.33 | 泵送剂 | pumping aid |
| F30-01.25.36 | 缓凝剂 | sei retarder admixture |
| F30-01.25.39 | 促凝剂 | set accelerating admixture |
| F30-01.25.40 | 胶粘剂 | adhesive |
| F30-01.25.45 | 界面剂 | the interface agent |
| F30-01.25.70 | 其他外加剂 | other concrete admixture |
| F30-01.25.70.10 | 保水剂 | water retaining admixture |
| F30-01.25.70.20 | 絮凝剂 | flocculating agent |
| F30-01.25.70.30 | 增稠剂 | viscosity enhancing agent |
| F30-01.25.70.40 | 减缩剂 | shrinkage reducing agent |
| F30-01.25.70.50 | 保塑剂 | plastic retaining agent |
| F30-01.30.00 | 骨料 | aggregate |
| F30-01.30.10 | 粗骨料 | coarse aggregate |
| F30-01.30.20 | 细骨料 | fine aggregate |
| F30-01.30.30 | 轻骨料 | light weight aggregate |
| F30-01.30.40 | 超轻骨料 | super lightweight aggregate |
| F30-01.30.50 | 再生骨料 | recycled aggregate |
| F30-01.35.00 | 混凝土增强材料 | concrete reinforced material |
| F30-01.35.10 | 钢纤维增强材料 | welded wire fabric reinforced concrete |
| F30-01.35.20 | 合成纤维增强材料 | fibrous reinforced concrete |
| F30-01.35.30 | 碳纤维增强材料 | carboform reinforced concrete |
| F30-01.40.00 | 混凝土维护材料 | maintenance material of concrete |
| F30-01.40.10 | 混凝土修补材料 | concrete repair material |
| F30-01.40.20 | 混凝土防护材料 | concrete protection material |
| F30-01.45.00 | 灌浆材料 | grouting material |
| F30-01.45.10 | 水泥基灌浆材料 | cementitious grout |
| F30-01.45.20 | 环氧树脂灌浆材料 | epoxy grouting resin for concrete crack |
| F30-02.00.00  （F14-20.40.06） | 砌体 | masonry |
| F30-02.10.00 | 砖 | brick |
| F30-02.10.10 | 烧结砖 | fired brick |
| F30-02.10.10.10 | 普通砖 | common brick |
| F30-02.10.10.20 | 空心砖 | hollow brick |
| F30-02.10.10.30 | 多孔砖 | perforated brick |
| F30-02.10.20 | 非烧结砖 | non-fired brick |
| F30-02.10.20.10 | 混凝土普通砖 | concrete common brick |
| F30-02.10.20.20 | 混凝土空心砖 | concrete hollow brick |
| F30-02.10.20.30 | 混凝土多孔砖 | concrete perforated brick |
| F30-02.10.20.40 | 蒸压粉煤灰多孔砖 | autoclaved lime-sand perforated brick |
| F30-02.10.20.50 | 蒸压灰砂多孔砖 | autoclaved fly ash perforated brick |
| F30-02.10.25 | 重砂浆砌筑粘土砖砌体 | heavy mortar masonry clay brick masonry |
| F30-02.10.30 | 轻砂浆砌筑粘土砖砌体 | light mortar masonry clay brick masonry |
| F30-02.10.35 | 灰砂砖砌体 | lime sand brick masonry |
| F30-02.10.40 | 硅酸盐砖砌体 | silicate brick masonry |
| F30-02.10.45 | 炉渣砖砌体 | slag brick masonry |
| F30-02.10.50 | 蒸压粉煤灰砖砌体 | autoclaved fly ash brick masonry |
| F30-02.10.55 | 重砂浆砌筑粘土空心砖砌体 | heavy mortar masonry clay hollow brick masonry |
| F30-02.10.60 | 模数空心砖砌体 | modular hollow brick masonry |
| F30-02.10.65 | KP1黏土空心砖砌体 | kP1 clay hollow brick masonry |
| F30-02.10.70 | 页岩粉煤灰烧结承重多孔砖砌体 | shale fly ash sintered load-bearing porous brick masonry |
| F30-02.10.75 | 煤矸石页岩多孔砖砌体 | coal gangue shale porous brick masonry |
| F30-02.20.00 | 砌块 | block |
| F30-02.20.10 | 普通混凝土小型空心砌块 | normal concrete small hollow block |
| F30-02.20.15 | 轻集料混凝土小型空心砌块 | lightweight aggregate concrete small hollow block |
| F30-02.20.20 | 粉煤灰混凝土小型空心砌块 | fly ash concrete small hollow block |
| F30-02.20.25 | 装饰混凝土砌块 | decorative concrete block |
| F30-02.20.30 | 加气混凝土砌块 | aerated concrete block |
| F30-02.20.35 | 石膏砌块 | gypsum block |
| F30-02.20.40 | 普通砌筑加气混凝土砌块 | aerated concrete block for common masonry |
| F30-02.30.00 | 石料 | stone |
| F30-02.40.00 | 砌筑砂浆 | masonry mortar |
| F30-02.40.10 | 混凝土小型空心砌块和混凝土偌砌筑砂浆 | masonry mortar for small hollow con­crete blocki^-concrete brick |
| F30-02.40.20 | 蒸压加气混凝土用砌筑砂浆与抹面砂浆 | special masonry and plaster mortar for autoclaved aerated concrete |
| F30-03.00.00 | 金属 | metal |
| F30-03.10.00 | 钢筋 | steel rebar |
| F30-03.10.10 | 光圆钢筋 | plain bar |
| F30-03.10.20 | 螺纹钢筋 | rebar |
| F30-03.10.30 | 带肋钢筋 | rib bar |
| F30-03.10.40 | 扭转钢筋 | torsion rebar |
| F30-03.20.00 | 钢丝 | wire |
| F30-03.20.10 | 碳素钢丝 | carbon steel wire |
| F30-03.20.20 | 合金钢丝 | alloy steel wire |
| F30-03.20.30 | 冷拔钢丝 | cold drawn wire |
| F30-03.20.40 | 钢丝绳 | steel wire rope |
| F30-03.20.50 | 钢绞线 | steel strand |
| F30-03.30.00 | 型材 | section steel |
| F30-03.30.10 | 热轧型钢 | hot rolled section steel |
| F30-03.30.10.10 | 圆钢 | round steel |
| F30-03.30.10.15 | 方钢 | square steel |
| F30-03.30.10.20 | 扁钢 | flat steel |
| F30-03.30.10.25 | 工字钢 | I -beam steel |
| F30-03.30.10.30 | 槽钢 | channel steel |
| F30-03.30.10.35 | 角钢 | angle steel |
| F30-03.30.10.40 | T型钢 | t-section steel |
| F30-03.30.20 | 冷弯型材 | cold forming profile |
| F30-03.30.30 | 挤出型材 | extrusion profile |
| F30-03.40.00 | 板（带）材 | metal plate |
| F30-03.40.10 | 钢板 | steel plate |
| F30-03.40.10.10 | 热轧钢板 | hoi roiled steel plate |
| F30-03.40.10.20 | 镀锌钢板 | galvanized steel plate |
| F30-03.40.10.30 | 花纹钢板 | decorative design plate |
| F30-03.40.10.40 | 彩涂钢板 | painted steel plate |
| F30-03.10.10.50 | 钢带材 | steel belt |
| F30-03.40.20 | 铜板 | copper plate |
| F30-03.10.20.10 | 铜带材 | copper belt |
| F30-03.40.20.20 | 铜箔 | copper foil |
| F30-03.41.00 | 钢结构材料 | steel structural material |
| F30-03.41.10 | 金属网架 | metal frame |
| F30-03.41.15 | 钢檩条 | steel purlin |
| F30-03.41.20 | 承托钢板 | retainer plate |
| F30-03.41.25 | 面层压型金属板 | surface laminating metal plate |
| F30-03.41.30 | 底层压型钢板 | bottom profiled steel plate |
| F30-03.41.35 | 专用压型钢板 | special profiled steel plate |
| F30-03.50.00 | 棒材 | metal rod |
| F30-03.50.10 | 铜棒材 | copper rod |
| F30-03.50.20 | 不锈钢棒材 | cast iron rcxl |
| F30-03.50.30 | 铝棒材 | aluminum rod |
| F30-03.60.00 | 线材 | metal wire |
| F30-03.60.10 | 铜线材 | copper wire |
| F30-03.60.20 | 铝线材 | aluminum wire |
| F30-03.70.00 | 管材 | metal pipe |
| F30-03.70.10 | 铸铁管 | cast iron pipe |
| F30-03.70.20 | 铜管 | copper pipe |
| F30-03.70.30 | 铝管 | aluminum pipe |
| F30-03.70.40 | 铝合金管 | aluminum alloy pipe |
| F30-03.80.00 | 金属制品 | metal product |
| F30-03.80.10 | 金属楼梯 | metal stair |
| F30-03.80.20 | 金属栏杆 | metal railing |
| F30-03.80.30 | 金属格栅 | metal grating |
| F30-03.80.40 | 金属地板 | metal floor plate |
| F30-03.80.50 | 金属紧固件 | metal fastener |
| F30-03.85.00 | 建筑金属 | architectural metal |
| F30-03.85.10 | 紫铜 | copper |
| F30-03.85.15 | 青铜 | bronze |
| F30-03.85.20 | 铝 | aluminum |
| F30-03.85.25 | 铝箔 | the aluminum foil |
| F30-03.85.30 | 铸铁 | cast iron |
| F30-03.85.35 | 建筑钢材 | construction steel |
| F30-04.00.00  （F14-20.40.03） | 木结构 | wood structure |
| F30-04.10.00 | 方木、原木结构 | rough sawn and round timber structure |
| F30-04.10.10 | 屋面木基层 | wood-based roof |
| F30-04.10.20 | 木梁和木柱 | wood beam and pillar |
| F30-04.10.30 | 木桁架 | wood truss |
| F30-04.10.40 | 木支撑 | wood support |
| F30-04.20.00 | 胶合木结构 | glued-laminated timber structure |
| F30-04.20.10 | 层板胶合木 | glued laminated timber |
| F30-04.30.00 | 轻型木结构 | light wood frame construction |
| F30-04.30.10 | 木构架墙 | wood frame wall construction |
| F30-04.30.20 | 木楼盖 | wood decking |
| F30-04.30.30 | 木屋盖 | wood roof decking |
| F30-05.00.00 | 膜结构 | membnine structure |
| F30-05.10.00 | 膜材料 | membrane material |
| F30-05.20.00 | 膜面索 | cable installed in membrane |
| F30-05.30.00 | 膜材料制品 | membrane products |
| F30-05.40.00 | 锚具 | anchorage |
| F30-10.00.00 | 保温隔热 | heat preservation and heat insulation |
| F30-10.10.00 | 保温系统 | external thermal insulation system |
| F30-10.10.10 | 外墙外保温系统 | external thermal insulation system for external wall |
| F30-10.10.10.50 | 模塑聚苯板外保温系统 | molded polystyrene board external insulation system |
| F30-10.10.10.52 | 挤塑聚苯板外保温系统 | extruded polystyrene board external insulation system |
| F30-10.10.10.54 | 聚氨酯外墙外保温系统 | polyurethane external wall insulation system |
| F30-10.10.10.56 | 酚醛板外墙外保温系统 | phenolic board exterior insulation system |
| F30-10.10.10.58 | 石墨聚苯板外墙外保温系统 | graphite polystyrene board exterior wall insulation system |
| F30-10.10.10.60 | 热固性改性聚苯板外墙外保温系统 | thermosetting modified polystyrene board exterior wall insulation system |
| F30-10.10.10.62 | 玻璃棉板外墙外保温系统 | glass wool board exterior wall insulation system |
| F30-10.10.10.64 | 岩棉外墙外保温系统 | rock wool external insulation system |
| F30-10.10.10.66 | 泡沫玻璃外墙外保温系统 | foam glass exterior insulation system |
| F30-10.10.10.68 | 膨胀珍珠岩外墙外保温系统 | expanded perlite exterior insulation system |
| F30-10.10.10.70 | 发泡水泥板外墙外保温系统 | foamed cement board exterior insulation system |
| F30-10.10.10.72 | 无机保温砂浆外墙外保温系统 | inorganic insulation mortar external insulation system |
| F30-10.10.10.74 | 发泡陶瓷外墙外保温系统 | foamed ceramic exterior wall insulation system |
| F30-10.10.10.76 | 气凝胶外墙外保温系统 | aerogel exterior wall insulation system |
| F30-10.10.10.78 | 真空绝热板外墙外保温系统 | vacuum insulation board exterior wall insulation system |
| F30-10.10.20 | 外墙内保温系统 | interior thermal insulation system for external walls |
| F30-10.10.20.40 | 模塑聚苯板内保温系统 | molded polystyrene board internal insulation system |
| F30-10.10.20.42 | 挤塑聚苯板内保温系统 | extruded polystyrene board internal insulation system |
| F30-10.10.20.44 | 聚氨酯外墙内保温系统 | polyurethane external wall internal insulation system |
| F30-10.10.20.46 | 石墨聚苯板外墙内保温系统 | graphite polystyrene board external wall internal insulation system |
| F30-10.10.20.48 | 热固性改性聚苯板外墙内保温系统 | thermosetting modified polystyrene board exterior wall internal insulation system |
| F30-10.10.20.50 | 玻璃棉板外墙内保温系统 | glass wool board external wall internal insulation system |
| F30-10.10.20.52 | 岩棉外墙内保温系统 | rock wool external wall internal insulation system |
| F30-10.10.20.54 | 泡沫玻璃外墙内保温系统 | foam glass external wall internal insulation system |
| F30-10.10.20.56 | 无机保温砂浆外墙内保温系统 | inorganic thermal insulation mortar external wall internal thermal insulation system |
| F30-10.10.20.58 | 发泡陶瓷外墙内保温系统 | foamed ceramic exterior wall internal insulation system |
| F30-10.10.30 | 外墙夹芯保温系统 | external wall sandwich insulation system |
| F30-10.10.30.10 | 模塑聚苯板夹心保温系统 | molded polystyrene board sandwich insulation system |
| F30-10.10.30.12 | 挤塑聚苯板夹心保温系统 | extruded polystyrene board sandwich insulation system |
| F30-10.10.30.14 | 聚氨酯夹心保温系统 | polyurethane sandwich insulation system |
| F30-10.10.30.16 | 酚醛板夹心保温系统 | phenolic sandwich insulation system |
| F30-10.10.30.18 | 发泡水泥夹心保温系统 | foamed cement sandwich insulation system |
| F30-10.10.30.20 | 泡沫玻璃夹心保温系统 | foam glass sandwich insulation system |
| F30-10.10.40 | 外墙自保温系统 | external wall self-insulation system |
| F30-10.10.40.10 | 加气混凝土自保温系统 | aerated concrete self insulation system |
| F30-10.10.40.12 | 烧结空心自保温砌块 | sintered hollow self-insulating block |
| F30-10.10.40.14 | 轻集料空心自保温砌块 | light aggregate hollow self - insulating block |
| F30-10.10.40.16 | 混凝土复合保温空心砌块，内填EPS | concrete composite insulation hollow block, filled with EPS |
| F30-10.10.40.18 | 混凝土复合保温空心砌块，内填XPS | concrete composite insulation hollow block, filled with XPS |
| F30-10.10.40.20 | 混凝土复合保温空心砌块，内填PU | concrete composite insulation hollow block, filled with PU |
| F30-10.20.00 | 绝热材料 | thermal insulation material |
| F30-10.20.10 | 模塑聚苯板 | polystyrene foam |
| F30-10.20.15 | 挤塑聚苯板 | extruded polystyrene foam |
| F30-10.20.15.10 | 挤塑聚苯乙烯泡沫塑料（带表皮） | extruded polystyrene foam (with skin) |
| F30-10.20.15.20 | 挤塑聚苯乙烯泡沫塑料（不带表皮） | extruded polystyrene foam (without skin) |
| F30-10.20.20 | 聚氨脂硬泡沫塑料板 | rigid polyurethane foam sheet |
| F30-10.20.25 | 酚醛树脂板 | phenolic resin board |
| F30-10.20.30 | 岩棉板 | rock wool board |
| F30-10.20.35 | 玻璃棉板 | glass wool board |
| F30-10.20.40 | 胶粉聚苯颗粒保温浆料 | rubber powder polystyrene particles insulation slurry |
| F30-10.20.45 | 泡沫玻璃板 | foam glass plate |
| F30-10.20.55 | 膨胀玻化微珠 | vitrified beads insulation paste |
| F30-10.20.57 | 石墨聚苯板 | graphite polystyrene board |
| F30-10.20.59 | 钙塑 | calcium plastic |
| F30-10.20.61 | 热固复合聚苯乙烯泡沫保温板 | thermosetting composite polystyrene foam insulation board |
| F30-10.20.63 | 真空绝热板 | vacuum insulation plate |
| F30-10.20.65 | 无机保温砂浆 | inorganic insulation mortar |
| F30-10.20.67 | 矿棉板 | mineral wool board |
| F30-10.20.69 | 岩棉带 | rock wool with |
| F30-10.20.71 | 聚乙烯泡沫塑料 | polythene foam |
| F30-10.20.73 | 聚氯乙烯硬泡沫塑料 | polyvinyl chloride rigid foam plastics |
| F30-10.20.75 | 发泡水泥 | foamed cement |
| F30-10.20.77 | 麻刀 | hemp fiber |
| F30-10.20.79 | 气凝胶保温 | aerogel insulation |
| F30-10.20.81 | 发泡陶瓷保温 | foam ceramic insulation |
| F30-10.20.83 | 相变保温材料 | phase change insulation material |
| F30-10.20.85 | 无机纤维喷涂 | inorganic fiber spraying |
| F30-10.20.87 | 橡塑保温材料 | rubber and plastic insulation material |
| F30-10.21.00 | 膨胀珍珠岩，蛭石制品 | expanded perlite, vermiculite products |
| F30-10.21.10 | 水泥膨胀珍珠岩 | cement expanded perlite |
| F30-10.21.20 | 沥青，乳化沥青膨胀珍珠岩 | asphalt, emulsified asphalt expanded perlite |
| F30-10.21.30 | 水泥膨胀蛭石 | cement expands vermiculite |
| F30-10.21.40 | 膨胀珍珠岩 | expanded perlite |
| F30-10.30.00 | 隔热材料 | the heat-resistant material |
| F30-10.30.10 | 隔热涂料 | heat-resistant coating |
| F30-10.30.20 | 隔热反射膜 | heat-resistant reflectance membrane |
| F30-10.40.00 | 其他材料 | other materials |
| F30-10.40.10 | 玻纤网格布 | glass fiber mesh cloth |
| F30-10.40.15 | 顺水条 | article well. |
| F30-10.40.20 | 瓦块 | tile |
| F30-10.40.25 | 地砖 | floor tile |
| F30-10.40.30 | 挂瓦条 | hang article tile |
| F30-10.40.35 | 防水透汽膜 | waterproof vapor permeable membrane |
| F30-10.40.40 | 土工布过滤 | geotextile filtration |
| F30-10.40.45 | 隔汽膜 | vapour membrane |
| F30-10.40.50 | 防火覆盖板 | fire shield |
| F30-10.70.00 | 空气层 | air layer |
| F30-10.70.10 | 垂直空气间层 | 40mm thick air layer |
| F30-11.00.00 | 防水、防潮及密封 | dampproofing and waterproofing |
| F30-11.10.00 | 防水卷材 | sheet waterproofing |
| F30-11.10.10 | 聚合物改性沥青防水卷材 | polymer modified bituminous water­proof sheet |
| F30-11.10.10.10 | 弹性体改性沥青防水卷材 | styrene butadiene styrene modified asphalt sheet waterproofing |
| F30-11.10.10.20 | 塑性体改性沥青防水卷材 | atactic polypropylene modified as­phalt sheet waterproofing |
| F30-11.10.10.30 | 自粘聚合物改性沥青防水卷材 | self-adhesive polymer modified bitu­minous waterproof sheet |
| F30-11.10.10.40 | 预铺/湿铺防水卷材（沥青基） | pre-applied and wet installed water- prcxif sheet (asphalt-based) |
| F30-11.10.10.50 | 耐根穿刺防水卷材（沥青基） | root penetration resislance of water­proof sheets (asphalt-based) |
| F30-11.10.20 | 合成高分子防水卷材 | high polymer waterproof sheet |
| F30-11.10.20.10 | TPU/TPV防水卷材 | TPO/TPV sheet |
| F30-11.10.20.15 | 聚氯乙烯（PVC)防水卷材 | polyvinyl chloride sheet |
| F30-11.10.20.20 | 元乙丙橡胶（EP-DM）防水卷材 | cthylene-propylene-clienc monomer rubber sheet |
| F30-11.10.20.25 | 氯化聚乙烯橡胶共混防水卷材 | waterproof sheet of chlorinated poly­ethylene blender with rubber |
| F30-11.10.20.30 | 氯化聚乙烯（CPE）防水卷材 | chlorinated polyethylene plastic sheets for waterproofing |
| F30-11.10.20.35 | 预铺/湿铺防水卷材（非沥青基） | pre-applied and wet insialled water­proof sheet (non-asphalt-based) |
| F30-11.10.20.40 | 带自粘层的防水卷材 | waterproof sheet with self - adhering layer |
| F30-11.10.20.45 | 耐根穿刺防水卷材（非沥青基） | root penetration resistance of water­proof sheets (non-asphalt-based) |
| F30-11.10.30 | 聚乙烯丙纶防水卷材（复合防水） | polyvinyl chloride polypropylene sheet (composite waterproof) |
| F30-11.10.40 | 沥青混凝土 | bituminous concrete |
| F30-11.10.50 | 石油沥青 | asphalt |
| F30-11.20.00 | 防水涂料 | waterproofing coating |
| F30-11.20.10 | 聚合物改性沥青防水涂料 | polymer modified asphalt waterproof­ing coating |
| F30-11.20.10.10 | 溶剂型橡胶沥青防水涂料 | solvent for rubber asphalt water-re sistance coating |
| F30-11.20.10.20 | 水乳型沥青防水涂料 | emulsified asphah waterproof coating |
| F30-11.20.10.30 | 橡胶沥青防水涂料 | rubber asphah waterproof coating |
| F30-11.20.10.40 | 非固化沥青防水涂料 | non-cured asphalt waterproof coating |
| F30-11.20.20 | 合成高分子防水涂料 | high polymer waterproof coating |
| F30-11.20.20.10 | 聚合物乳液建筑防水涂料 | polymer emulsion architectural wa­terproof coating |
| F30-11.20.20.20 | 聚氨酯防水涂料 | polyurethane waterproofing coating |
| F30-11.20.20.30 | 聚胭防水涂料 | ixilyurca waterproofing coaling |
| F30-11.20.30 | 聚合物水泥防水涂料 | ]x)lymer ccmcni-l)ased waterpr(x)f coating |
| F30-11.30.00 | 水泥基渗透结晶型防水材料 | ccmeniious capillary crystalline wa­terproofing material |
| F30-11.40.00 | 密封材料 | sealing material |
| F30-11.40.10 | 无定形密封材料 | amorphous sealing material |
| F30-11.40.10.10 | 硅酮建筑密封胶 | silicone sealant for building |
| F30-11.40.10.20 | 聚氨酯建筑密封胶 | polyurethane sealant for building |
| F30-11.40.10.30 | 丙烯酸酯建筑密封胶 | acrylic sealant for building |
| F30-11.40.10.40 | 聚硫建筑密封胶 | polysulfide sealant for building |
| F30-11.40.10.50 | 腻子型遇水膨胀橡胶 | putty hydrophilic expasion rubber |
| F30-11.40.20 | 定形密封材料 | stereotype scaling material |
| F30-11.40.20.10 | 橡胶止水带 | rubber waterstop |
| F30-11.40.20.20 | 钢板止水带 | steel penal waterstop |
| F30-11.40.20.30 | 制品型遇水膨胀橡胶 | hydrophilic expasion rubber |
| F30-11.50.00 | 防水透气膜 | waterproof and air fx;rmcable membrane |
| F30-11.60.00 | 堵漏、灌浆材料 | waterproof and leakage-preventing and grouting material |
| F30-11.60.10 | 无机防水堵漏材料 | inorganic waterproof and leakage-pre­venting material |
| F30-11.70.00 | 屋面瓦 | tiles |
| F30-11.70.10 | 混凝土瓦 | concrete tiles |
| F30-11.70.20 | 烧结瓦 | fired roof tiles |
| F30-11.70.30 | 玻纤胎沥青瓦 | fiberglass reinforcement asplialt shingle |
| F30-11.70.40 | 合成树脂瓦 | synthetic resin |
| F30-11.70.50 | 金属瓦 | metal shakes |
| F30-11.80.00 | 排（蓄）水层 | discharge (storage) water layer |
| F30-11.80.10 | 凹凸型排（蓄）水板 | concave-convex discharge (storage) water plate |
| F30-11.80.20 | 陶粒 | ceramsite |
| F30-12.00.00 | 防火、防腐 | fire resistive and antiseptics |
| F30-12.10.00 | 防火材料 | fire resistive material |
| F30-12.10.10 | 钢结构防火涂料 | fire resistive coating for steel structure |
| F30-12.10.20 | 饰面型防火涂料 | finishing fire retardant paint |
| F30-12.10.25 | 混凝土结构防火涂料 | fire resistive coating for concrete structure |
| F30-12.10.30 | 防火板材 | fire resistive board |
| F30-12.10.40 | 防火封堵材料 | fire slopping material |
| F30-12.10.50 | 防火玻璃 | gre resistant glass |
| F30-12.10.50.10 | 复合防火玻璃 | laminated fire-resistant glass |
| F30-12.10.50.20 | 单片防火玻璃 | monolithic fire-resistant glass |
| F30-12.20.00 | 防腐材料 | antiseptics material |
| F30-12.20.10 | 钢结构防腐材料 | anticorrosive materials for steel structure |
| F30-12.20.10.10 | 底漆 | primer |
| F30-12.20.10.20 | 中间漆 | intennediale coating |
| F30-12.20.10.30 | 面漆 | finishing coat |
| F30-12.20.20 | 木结构防腐材料 | anticorrosive materials for wood structure |
| F30-13.00.00 | 门窗、幕墙 | doors,windows and curtain wall |
| F30-13.10.00 | 建筑门窗 | doors and windows for building |
| F30-13.10.10 | 金属门窗 | metal door and window |
| F30-13.10.10.10 | 铝合金门窗 | aluminum door and window |
| F30-13.10.10.20 | 钢门窗 | steel door and window |
| F30-13.10.15 | 木门窗 | wooden door and window |
| F30-13.10.15.10 | 实木门窗 | door and window made of solid wood |
| F30-13.10.15.20 | 实木复合门窗 | door and window made of solid wood and overlaid with decorative veneers |
| F30-13.10.15.30 | 木质复合门窗 | door and window made of solid wood and wood- based panels |
| F30-13.10.20 | 塑料门窗 | plastic door and window |
| F30-13.10.20.10 | 未增塑聚氯乙烯塑料门窗 | pvc-u door and window |
| F30-13.10.25 | 玻璃钢门窗 | fiberglass reinforced plastic door and window |
| F30-13.10.30 | 复合门窗 | composite door and window |
| F30-13.10.30.10 | 铝塑复合门窗 | aluminum-plastic composite door and window |
| F30-13.10.30.20 | 铝木复合门窗 | wood-alumtnum composite door and window |
| F30-13.10.30.30 | 钢木复合门窗 | steel-wooden composite door and window |
| F30-13.10. 40 | 塑钢型材门窗 | plastic steel profile whole window |
| F30-13.10.45 | 复合聚氨酯门窗 | composite polyurethane whole window |
| F30-13.10.35 | 特种门窗 | special door and window |
| F30-13.10.35.10 | 自动门 | automatic door |
| F30-13.10.35.15 | 卷帘门窗和格栅 | rolling door . window and grilles |
| F30-13.10.35.20 | 防盗门 | security door |
| F30-13.10.35.25 | 防火门 | fireproof door |
| F30-13.10.35.30 | 防辐射门窗 | radiation door and window |
| F30-13.10.35.35 | 逃生门窗 | escape door and window |
| F30-13.10.35.40 | 围墙大门 | gates recoiling |
| F30-13.10.35.45 | 传递窗 | pass box |
| F30-13.10.35.50 | 滑升门 | sliding doors |
| F30-13.10.35.55 | 上滑道车库门 | sectional garage door |
| F30-13.10.35.60 | 工业滑升门 | industrial sectional door |
| F30-13.10.40  （F14-10.20.70） | 天窗 | skylights |
| F30-13.10.45 | 纱门窗 | screen doors and windows |
| F30-13.10.50 | 百叶窗及格栅 | shutter and grille |
| F30-13.20.00  （F14-10.20.21） | 建筑幕墙 | curtain wall for building |
| F30-13.20.10  (F14-10.20.21.09) | 玻璃幕墙 | glass curtain wall |
| F30-13.20.10.10  (F14-10.20.21.03) | 构件式玻璃幕墙 | stick glass curtain wall |
| F30-13.20.10.20  (F14-10.20.21.21) | 点支撑玻璃幕墙 | point supported glass curtain wall |
| F30-13.20.10.30  (F14-10.20.21.18) | 全玻幕墙 | full glass curtain wall |
| F30-13.20.15  (F14-10.20.21.12) | 石材幕墙 | natural stone panle curtain wall |
| F30-13.20.20  (F14-10.20.21.15) | 金属幕墙 | metal panle curtain wall |
| F30-13.20.25 | 人造板幕墙 | artificial panic curtain wall |
| F30-13.20.30 | 单元式幕墙 | unitized curtain wall |
| F30-13.20.35 | 光电幕墙 | photoelectricity curtain wall |
| F30-13.20.40 | 双层幕墙 | double-layer curtain wall |
| F30-13.20.45 | 幕墙面板 | panels for curtain wall |
| F30-13.20.45.10 | 玻璃 | glass |
| F30-13.20.45.15 | 金属板 | metal panel |
| F30-13.20.45.20 | 石材板 | natural stone panel |
| F30-13.20.45.25 | 水泥板 | cement board |
| F30-13.20.45.30 | 陶板 | terra cotta panel |
| F30-13.20.45.35 | 瓷板 | porcelain panel |
| F30-13.30.00 | 五金件 | hardware |
| F30-13.30.10 | 执手 | handle |
| F30-13.30.10.10 | 单面执手 | single handle |
| F30-13.30.10.20 | 双面执手 | double handle |
| F30-13.30.13 | 合页（较链） | hinge |
| F30-13.30.16 | 传动锁闭器 | locking gear |
| F30-13.30.16.10 | 单点锁闭器 | single point locking gear |
| F30-13.30.16.20 | 多点锁闭器 | multipoint locking gear |
| F30-13.30.19 | 滑撑 | friction hinge |
| F30-13.30.23 | 撑挡 | stay arm |
| F30-13.30.26 | 滑轮 | roller |
| F30-13.30.29 | 插销 | latch bolt |
| F30-13.30.33 | 摩擦铰链 | friction hinge |
| F30-13.30.36 | 门锁 | gate lock |
| F30-13.30.39 | 门吸 | door stopper |
| F30-13.30.43 | 闭门器 | door closer |
| F30-13.30.46 | 地弹簧 | floor spring |
| F30-13.30.49 | 平开门推杆装置 | panic devices operated by a horizontal bar |
| F30-13.30.53 | 门夹 | patch fitting |
| F30-13.30.56 | 拉手 | pull handle |
| F30-13.40.00 | 配件 | assemblies |
| F30-13.40.10 | 门禁系统 | entrance guard system |
| F30-13.40.13 | 密封胶条 | scaling joint strip |
| F30-13.40.16 | 密封毛条 | seal wool top |
| F30-13.40.19 | 密封胶 | sealant |
| F30-13.40.23 | 通风器 | ventilator |
| F30-13.40.26 | 开窗器 | windows opener |
| F30-13.40.29 | 背栓 | back bolt |
| F30-13.40.33 | 挂件 | fixing metal system |
| F30-13.40.36 | 连接件 | connection |
| F30-13.40.39 | 拉杆 | tension rod member |
| F30-13.40.43 | 锚栓 | anchor |
| F30-13.40.46 | 埋件 | embedded part |
| F30-13.40.49 | 驳接件 | spiders pieces |
| F30-13.40.53 | 转接件 | adapter |
| F30-13.40.56 | 夹具 | fixture |
| F30-13.40.59 | 钢索 | metal chain |
| F30-13.40.63 | 索具 | rigging |
| F30-13.40.66 | 吊挂件 | rigging |
| F30-14.00.00 | 建筑玻璃 | glass for building |
| F30-14.05.00 | 玻璃系统 | glass |
| F30-14.05.05 | 单玻系统 | single glass system |
| F30-14.05.10 | 双玻系统 | double glass system |
| F30-14.05.15 | 三玻系统 | three glass system |
| F30-14.05.17 | 四玻系统 | four glass system |
| F30-14.05.19 | 夹胶玻璃系统 | laminated glass system |
| F30-14.05.21 | 夹胶中空玻璃系统 | laminated insulating glass system |
| F30-14.10.00 | 平板玻璃 | flat glass |
| F30-14.10.10 | 透明玻璃 | clear glass |
| F30-14.10.20 | 着色玻璃 | tinted glass |
| F30-14.10.30 | 压花玻璃 | patterned glass |
| F30-14.10.40 | 夹丝玻璃 | wired glass |
| F30-14.20.00 | 深加工玻璃 | deep processing of glass |
| F30-14.20.10 | 安全玻璃 | safety glass |
| F30-14.20.10.10 | 夹层玻璃 | laminated glass |
| F30-14.20.10.20 | 钢化玻璃 | tempered glass |
| F30-14.20.10.30 | 均匀钢化玻璃 | heat soaked thermally tempered glass |
| F30-14.20.15 | 磨砂或喷砂玻璃 | sand blasted or frosted glass |
| F30-14.20.20 | 真空玻璃 | vacuum glazing |
| F30-14.20.25 | 印刷玻璃 | printed glass |
| F30-14.20.30 | 中空玻璃 | insulating glass unit |
| F30-14.20.35 | 半钢化玻璃 | heat strengthened glass |
| F30-14.20.40 | 镀膜玻璃 | coated glass |
| F30-14.20.45 | 贴膜玻璃 | film mounted glass |
| F30-14.20.50 | 隔热涂膜玻璃 | insulation coating glass |
| F30-14.30.00 | 特种玻璃 | particular glass |
| F30-14.30.10 | 防弹玻璃 | bullet resistant glazing |
| F30-14.30.15 | 防爆玻璃 | blast resistant composite glass |
| F30-14.30.20 | 电磁屏蔽玻璃 | Electromagnetic shielding glass |
| F30-14.30.25 | 光伏玻璃 | Photovoltaic glass |
| F30-14.30.30 | 耐热玻璃 | heat resistant glass |
| F30-14.30.35 | 滤光玻璃 | filter glass |
| F30-14.40.00 | 特殊玻璃 | special glass |
| F30-14.40.10 | U形玻璃 | channel shape glass |
| F30-14.40.20 | 玻璃马赛克 | glass mosaic |
| F30-14.40.30 | 空心玻璃砖 | hollow glass black |
| F30-14.50.00 | 玻璃钢 | glass fiber reinforced plastic |
| F30-15.00.00 | 室内外装修 | finishes |
| F30-15.10.00 | 建筑涂料 | building coating |
| F30-15.10.10 | 内墙涂料 | interior wall coating |
| F30-15.10.10.10 | 合成树脂乳液内墙涂料 | synthetic resin emulsion coating for interior wall |
| F30-15.10.10.20 | 合成树脂乳液砂壁状内墙涂料 | sand textured coating based on syn­thetic resin emulsion for interior wall |
| F30-15.10.10.30 | 内墙弹性涂料 | elastomeric wall coatings for interior wall |
| F30-15.10.10.40 | 内墙无机涂料 | inorganic coaling for interior wall |
| F30-15.10.10.50 | 特种涂料 | special coating |
| F30-15.10.15 | 外墙涂料 | exterior wall coating |
| F30-15.10.15.10 | 外墙无机建筑涂料 | inorganic building coating for exterior wall |
| F30-15.10.15.15 | 溶剂型外墙涂料 | solvent-lhinned coating for exterior wall |
| F30-15.10.15.20 | 合成树脂乳液外墙涂料 | synthetic resin emulsion coating for exterior wall |
| F30-15.10.15.25 | 合成树脂乳液砂壁状外墙涂料 | sand textured coaling based on syn- theuc resin emulsion for exterior wall |
| F30-15.10.15.30 | 复层涂料 | multi layer coating |
| F30-15.10.15.35 | 外墙弹性涂料 | elastomeric wall coating for exterior wall |
| F30-15.10.15.40 | 反射隔热涂料 | reflective thermal insulation coating |
| F30-15.10.15.45 | 交联型氟树脂涂料 | crosslinking fluorocarbcin resin coating |
| F30-15.10.15.50 | 水性氟涂料 | water based fluororesin coating |
| F30-15.10.20 | 地坪涂料 | floor coating |
| F30-15.10.20.10 | 环氧树脂地面涂层材料 | epoxy resin floor coating |
| F30-15.10.20.20 | 聚氨酯类地面涂料 | polyurethane floor coating |
| F30-15.10.25 | 木器涂料 | coating for woodenware |
| F30-15.10.25.10 | 水性木器涂料 | water based coating for woodenware |
| F30-15.10.25.20 | 溶剂型木器涂料 | solvent coating for woodenware |
| F30-15.10.25.30 | 天然树脂木器涂料 | natural resin coating for woodenware |
| F30-15.10.30 | 涂装配套材料 | supporting material of painting |
| F30-15.10.30.10 | 内墙用底漆 | primer for interior wall |
| F30-15.10.30.20 | 外墙用底漆 | primer for exterior wall |
| F30-15.10.30.30 | 内墙用腻子 | putty for interior wall |
| F30-15.10.30.40 | 外墙用腻子 | putty for exterior wall |
| F30-15.10.35 | 柔性饰面砖 | flexible tile for decoration |
| F30-15.15.00 | 壁纸（壁布） | wall pet per |
| F30-15.20.00 | 地毯 | rugs and mats |
| F30-15.20.10 | 手工地毯 | hand-made carpe |
| F30-15.20.20 | 机制地毯 | machine-made carpe |
| F30-15.25.00 | 陶瓷板、砖 | ceramic sheet board and tile |
| F30-15.25.10 | 陶瓷板 | ceramic sheet board |
| F30-15.25.20 | 陶瓷马赛克 | ceramic mosaic |
| F30-15.25.30 | 陶瓷砖 | ceramic tile |
| F30-15.25.40 | 特种功能陶瓷砖 | special functional ceramic tile |
| F30-15.30.00 | 木质材料 | wood material |
| F30-15.30.10 | 木质地板 | wood floor |
| F30-15.30.10.10 | 实木地板 | solid wood flooring |
| F30-15.30.10.20 | 实木复合地板 | parquet |
| F30-15.30.10.30 | 强化木地板 | laminate flooring |
| F30-15.30.10.40 | 竹材地板 | bamboo flooring |
| F30-15.30.10.50 | 软木地板 | cork flooring |
| F30-15.30.20 | 木质人造板 | wood-based panel |
| F30-15.30.20.30 | 刨花板 | particleboard |
| F30-15.30.20.40 | 细木工板 | blockboard |
| F30-15.30.20.50 | 饰面人造 | decorated wood-based panel |
| F30-15.30.30 | 防腐木 | preservative treated wood |
| F30-15.30.30.10 | 天然防腐木 | natural preservative treated wood |
| F30-15.30.30.20 | 炭化防腐木 | carbonized wood |
| F30-15.30.30.30 | 人工防腐木 | artificial preservative treated wood |
| F30-15.30.40 | 木塑复合材料 | wood-plastic composite |
| F30-15.30.50 | 橡木，枫树 | oak, maple |
| F30-15.30.60 | 松，木，云杉 | pine, wood, spruce |
| F30-15.35.00 | 装饰石材 | decorative stone |
| F30-15.35.10 | 天然石材 | natural stone |
| F30-15.35.10.10 | 大理石 | marble |
| F30-15.35.20 | 人造石材 | artificial stone |
| F30-15.35.30 | 石材复合材料 | complex stone veneer |
| F30-15.35.40 | 花岗岩，玄武岩 | granite, basalt |
| F30-15.35.50 | 砾石，石灰岩 | gravel, limestone |
| F30-15.35.60 | 石灰石 | the limestone |
| F30-15.40.00 | 金属装饰材料 | metal decorative material |
| F30-15.40.10 | 钢板及复合板 | armor plate and composite plate |
| F30-15.40.10.10 | 不锈钢板 | stainless steel sheet |
| F30-15.40.10.20 | 彩色涂层钢板 | prepainted steel sheet |
| F30-15.40.10.30 | 压型金属板 | profiled metal sheet |
| F30-15.40.10.40 | 金属装饰保温板 | thermal insulation panel with metal decorating |
| F30-15.40.20 | 金属装饰网 | decoration websile |
| F30-15.40.30 | 铝合金及其复合板 | akiniinum alloys and composite board |
| F30-15.40.30.10 | 铝蜂窝板 | aluminum honeycomb sandwich board |
| F30-15.40.30.20 | 铝合金板 | aluminum alloy board |
| F30-15.40.30.30 | 铝塑复合板 | composite aluminum aixl plastic decking |
| F30-15.40.40 | 铜板及其复合板 | copperplate |
| F30-15.40.50 | 钛锌板及其复合板 | titanium-zinc sheet |
| F30-15.45.00 | 矿物棉及石膏类装饰材料 | mineral wool and plasterboard |
| F30-15.45.10 | 矿物棉板 | mineral wool panel |
| F30-15.45.10.10 | 矿棉板 | mineral wool panel |
| F30-15.45.10.20 | 玻璃纤维板 | glass fibre Iraard |
| F30-15.45.20 | 石膏板 | plasterboard |
| F30-15.45.20.10 | 装饰石膏板 | decorated gypsum board |
| F30-15.45.20.20 | 纤维石膏板 | fiber gypsum board |
| F30-15.45.20.30 | 吸声用穿孔石膏板 | perforated gypsuin lx)ard for acoustic use |
| F30-15.45.20.40 | 纸面石膏板 | gypsum board |
| F30-15.45.20.50 | 石膏空心条板 | gypsum panel with cavity |
| F30-15.45.25 | 胶合板材料 | plywood |
| F30-15.45.30 | 软木板 | cork board |
| F30-15.45.35 | 纤维板材料 | Fiber board |
| F30-15.45.40 | 水泥刨花板 | cement particleboard |
| F30-15.45.45 | 稻草板 | straw board |
| F30-15.45.50 | 木屑板 | particleboard |
| F30-15.50.00 | 水泥及硅酸盐类板材 | cement and silicate plate |
| F30-15.50.10 | 纤维增强水泥板 | glass fiber reinforced cement wall panel |
| F30-15.50.20 | 纤维增强硅酸钙板 | fiber reinforced calcium silicate panel |
| F30-15.55.00 | 龙骨 | joist |
| F30-15.55.10 | 木龙骨 | wood joist |
| F30-15.55.20 | 轻钢龙骨 | light gage steel joist |
| F30-15.55.30 | 铝合金龙骨 | aluminum alloy joist |
| F30-15.55.40 | 钢龙骨 | steel joist |
| F30-15.55.50 | 烤漆龙骨 | varnish joist |
| F30-15.60.00 | 特殊功能地面 | special function floor |
| F30-15.60.10 | 弹性地材 | resilient flooring |
| F30-15.60.10.10 | PVC地板 | polyvinyl chloride floor |
| F30-15.60.10.20 | 亚麻地板 | flax floor |
| F30-15.60.10.30 | 橡胶地板 | rubber floor |
| F30-15.60.15 | 地垫 | ground mat |
| F30-15.60.20 | 采暖地板 | heating floor |
| F30-15.60.25 | 抗静电地板 | anti-static wood based floor |
| F30-15.60.30 | 水泥现制类地面 | cement floor |
| F30-15.60.30.10 | 自流平地面 | self-leveling floor |
| F30-15.60.30.20 | 耐磨地面 | abrasion resistance floor |
| F30-15.60.35 | 透水地面 | water permeable ground |
| F30-15.60.40 | 种植地面 | planting ground |
| F30-15.60.45 | 运动地面 | sports ground surface layer |
| F30-15.63.00 | 土壤 | soil |
| F30-15.63.10 | 改良土 | improved soil |
| F30-15.63.20 | 无机复合种植土 | inorganic compound planting soil |
| F30-15.63.30 | 夯实粘土 | solid clay |
| F30-15.63.40 | 加草粘土 | clay and grass |
| F30-15.63.50 | 轻质粘土 | light clay |
| F30-15.63.60 | 建筑用砂 | building sand |
| F30-15.65.00 | 装修用胶粘剂 | adhesive |
| F30-15.65.10 | 地板胶粘剂 | adhesive for floor |
| F30-15.65.20 | 干挂石材幕墙用环氧胶粘剂 | epoxy adhesive for dry-fixing stone curtain wall |
| F30-15.65.30 | 陶瓷墙地传胶粘剂 | adhesives for ceramic wall and floor tiles |
| F30-15.70.00 | 基层处理材料 | base treatment material |
| F30-15.70.10 | 水泥基白流平砂浆 | cement self-leveling floor mortar |
| F30-15.70.15 | 地面砂浆 | ground mortar |
| F30-15.70.20 | 抹面砂浆 | surface mortar |
| F30-15.70.25 | 混凝土界面剂 | interface treating agent for concrete |
| F30-15.70.30 | 粉刷石膏 | gypsum plaster |
| F30-15.70.35 | 石灰水泥砂浆 | lime cement mortar |
| F30-15.70.40 | 石灰砂浆 | the lime mortar |
| F30-15.75.00 | 装修配套材料 | accessories for decoration |
| F30-15.75.10 | 嵌缝材料 | joint material |
| F30-15.75.20 | 粘结石膏 | gypsum binder |
| F30-15.75.30 | 装饰线条 | moulding |
| F30-16.00.00 | 专用建筑制品 | specialties |
| F30-16.10.00 | 建筑标识制品 | information specialties |
| F30-16.10.10 | 展示板 | visual display surface |
| F30-16.10.20 | 商品陈列柜台 | display case |
| F30-16.10.30 | 指示牌 | directories |
| F30-16.10.40 | 标牌 | signage |
| F30-16.20.00 | 排气道 | exhaust passage |
| F30-16.20.10 | 厨房排气道 | kitchen exhaust passage |
| F30-16.20.20 | 卫生间排气道 | bathroom exhaust passage |
| F30-16.30.00 | 隔断 | partition |
| F30-16.30.10 | 活动隔断 | movable partition |
| F30-16.30.20 | 固定隔断 | fixed partition |
| F30-16.30.30 | 卫生间隔断 | bathroom partition |
| F30-16.40.00 | 遮阳制品 | solar shading product |
| F30-16.40.10 | 室内遮阳制品 | internal solar shading product |
| F30-16.40.10.10 | 室内天蓬帘 | internal sky-light blind |
| F30-16.40.10.20 | 室内百叶帘 | internal venetian blind |
| F30-16.40.10.30 | 室内折叠帘 | internal folded blind |
| F30-16.40.10.40 | 室内软卷帘 | internal roller blind |
| F30-16.40.20 | 室外遮阳制品 | external solar shading product |
| F30-16.40.20.10 | 室外遮阳篷 | external awning |
| F30-16.40.20.20 | 室外天蓬帘 | external sky-light blind |
| F30-16.40.20.30 | 室外百叶帘 | external venetian blind |
| F30-16.40.20.40 | 室外硬卷帘 | external roller shutter |
| F30-16.40.20.50 | 室外遮阳板 | external building panel for solar shading |
| F30-16.40.30 | 中间遮阳制品 | middle solar shading product |
| F30-16.40.30.10 | 内置遮阳中空玻璃制品 | sealed insulating glass unit with shading inside |
| F30-16.50.00  （F14-10.20.48） | 雨篷制品 | strom panel |
| F30-16.60.00  （F14-10.20.60） | 变形缝制品 | movement joint |
| F30-16.60.10  (F14-20.20.21.03) | 沉降缝制品 | settlement joint |
| F30-16.60.20  (F14-20.20.21.06) | 抗震缝制品 | aseismatic joint |
| F30-16.60.30  (F1420.20.21.09) | 伸缩缝制品 | expansion joint |
| F30-16.70.00 | 太阳能光伏制品及构件 | solar photovoltaic product and component |
| F30-16.70.10 | 太阳能光伏制品 | solar photovoltaic product |
| F30-16.70.20 | 太阳能光伏构件 | solar photovoltaic component |
| F30-17.00.00  （F14-10.30.12） | 家具、陈设 | furnishing |
| F30-17.10.00 | 工艺品 | art |
| F30-17.10.10 | 摆件 | goods of furniture for display rather than for use |
| F30-17.10.20 | 雕塑 | sculpture |
| F30-17.15.00 | 窗装饰 | window treatment |
| F30-17.15.15 | 窗帘 | window shade |
| F30-17.15.25 | 窗帘盒 | pelmet |
| F30-17.15.30 | 窗帘杆 | curtain rod |
| F30-17.20.00 | 箱柜 | casework |
| F30-17.20.10 | 金属箱柜 | manufactured metal casework |
| F30-17.20.20 | 木制箱柜 | manufactured wood casework |
| F30-17.20.30 | 塑料箱柜 | manufactured plastic casework |
| F30.17.25.00 | 厨房制品 | kitchen accessories |
| F30.17.25.10 | 厨房家具 | kitchen furniture |
| F30.17.25.20 | 厨房设备 | kitchen equipment |
| F30.17.25.20.10 | 洗涤槽 | washing sink |
| F30.17.25.20.15 | 消毒柜 | disinfector |
| F30.17.25.20.17 | 烤箱 | roaster oven |
| F30.17.25.20.19 | 微波炉 | microwave oven |
| F30.17.25.20.23 | 吸油烟机 | smoke extractor |
| F30.17.25.20.27 | 冰箱 | refrigerator |
| F30.17.25.20.28 | 洗碗机 | dishwashers |
| F30.17.25.20.29 | 制冰机 | ice makers |
| F30.17.26.00 | 厨余处理设备 | food disposal equipment |
| F30.17.30.00  （F14-40.25.00） | 卫生间配套设备 | toilet and bath accessories |
| F30.17.30.10 | 洗浴器 | bathing device |
| F30.17.30.10.10 | 玻璃纤维增强塑料浴缸 | glass fiber reinforced plastic bathtub |
| F30.17.30.10.15 | 搪瓷浴缸 | enamel bathtub |
| F30.17.30.10.20 | 亚克力浴缸 | acrylic bathtub |
| F30.17.30.10.25 | 陶瓷浴缸 | ceramic bathtub |
| F30.17.30.10.30 | 人造大理石浴缸 | artificial marble bathtub |
| F30.17.30.10.35 | 淋浴器 | sprinkle |
| F30.17.30.15 | 便器 | toilet bowl |
| F30.17.30.15.10  (F1440.25.10.14) | 坐便器 | toilet |
| F30.17.30.15.15  (F14-40.25.10.13) | 蹲便器 | squatting pan |
| F30.17.30.15.20  (F14-40.25.10.12) | 小便器 | urinal |
| F30.17.30.20 | 妇洗器 | bidet |
| F30.17.30.25  (F14-40.25.10.03) | 墩布池 | mop sink |
| F30.17.30.30 | 洗面器 | washbasin |
| F30.17.30.35 | 卫生间家具 | bathroom furniture |
| F30.17.30.35.10 | 浴室柜 | bathroom cabinet |
| F30.17.30.35.20 | 浴室镜 | bathroom mirror |
| F30.17.30.40 | 附属配件 | bathroom accessories |
| F30.17.30.40.10 | 水嘴 | faucet |
| F30.17.30.40.15 | 水箱 | water tank |
| F30.17.30.40.20 | 冲水阀 | flush valve |
| F30.17.30.40.25 | 浴巾架 | towel rack |
| F30.17.30.40.30 | 扶手 | handrail |
| F30.17.30.40.35  (F14-40.25.20.09) | 卷纸器 | paper winder |
| F30.17.30.40.40  (F14-40.25.20.12) | 干手器 | hand dryer |
| F30.17.30.40.45 | 洗衣机托盘 | laundry tray |
| F30.17.30.45 | 淋浴房 | shower room |
| F30.17.35.00  （F14-10.30.12） | 家具 | furniture |
| F30.17.35.10 | 桌几、桌台 | table |
| F30.17.35.20 | 箱 | chest |
| F30.17.35.30 | 柜架 | the cabinet frame |
| F30.17.35.40 | 专用家具 | special furniture |
| F30.17.35.40.10 | 实验室家具 | laboratory furniture |
| F30.17.35.40.20 | 体育馆家具 | stadium furniture |
| F30.17.40.00 | 座椅 | seating |
| F30.17.40.10 | 固定式观众座椅 | fixed audience seating |
| F30.17.40.15 | 可移动观众座椅 | portable audience seating |
| F30.17.40.20 | 露天看台座椅 | stadium and arena seating |
| F30.17.40.25 | 多功能固定座椅 | multiple-use fixed seating |
| F30.17.40.30 | 可拉伸座椅 | telescoping stand |
| F30.17.40.35 | 靠背长台椅 | pews and benches |
| F30.17.40.40 | 桌椅配件 | seat and table assemblies |
| F30.17.60.00 | 其它装饰 | other furniture |
| F30.17.60.10  (F14-10.30.15.03) | 室内植物 | interior planters and artificial plants |
| F30.17.60.20 | 场地设施 | site furniture |
| F30.17.60.20.10 | 自行车架 | bicycle rack |
| F30.17.60.20.20 | 人造水池 | manufactured planter |
| F30.18.00.00 | 专用建筑 | special construction |
| F30.18.10.00 | 成品房 | integrated construction |
| F30.18.10.10 | 预制木结构成品房 | prefabricated wood structural Integrated construction |
| F30.18.10.20 | 预制钢结构成品房 | prefabricated steel structural Integrated construction |
| F30.18.10.30 | 混合结构房屋 | prefabricated composite structural Integrated construction |
| F30.18.20.00 | 专用建筑设施 | special facility component |
| F30.18.20.10 | 游泳池 | swimming pool |
| F30.18.20.20 | 喷泉 | fountain |
| F30.18.20.30 | 溜冰场 | ice rink |
| F30.19.00.00 | 传输设备 | conveying equipment |
| F30.19.10.00  (F14-10.20.30.03) | 电梯 | elevator |
| F30.19.10.10 | 货梯 | freight elevator |
| F30.19.10.20 | 客梯 | passenger elevator |
| F30.19.10.30 | 杂物电梯 | service elevator |
| F30.19.10.40 | 轿厢 | elevator cab |
| F30.19.10.50 | 轿厢内装部件 | elevator cabs finishes |
| F30.19.10.60 | 电梯设备与控制系统 | elevator equipment and control |
| F30.19.10.60.10 | 电梯门 | elevator door |
| F30.19.10.60.20 | 电梯控制系统 | elevator control |
| F30.19.10.60.30 | 电梯设备 | elevator equipment |
| F30.19.20.00 | 自动扶梯和自动人行道 | escalators and passenger conveyor |
| F30.19.20.10  (F14-10.20.30.09) | 自动扶梯 | escalator |
| F30.19.20.20 | 自动人行道 | moving walking |
| F30.19.30.00  (F14-10.20.30.53) | 升降机 | lift |
| F30.19.30.10 | 人员升降机 | people lift |
| F30.19.30.20 | 轮椅升降机 | wheelchair lift |
| F30.19.30.20.10 | 轮椅倾斜升降机 | inclined wheelchair lift |
| F30.19.30.20.20 | 轮椅垂直升降机 | vertical wheelchair lift |
| F30.19.30.30 | 平台升降机 | platform lift |
| F30.19.30.30.10 | 乐队提升机 | orchestra lift |
| F30.19.30.30.20 | 舞台提升机 | stage lift |
| F30.19.30.40 | 楼道升降机 | stair lift |
| F30.19.40.00 | 小型货运升降机 | dumbwaiter |
| F30.19.40.10 | 手动小型货运升降机 | manual |
| F30.19.40.20 | 电动小型货运升降机 | electric |
| F30.19.40.30 | 液压小型货运升降机 | hydraulic |
| F30.19.50.00 | 转台 | turntable |
| F30.19.50.10 | 工业转台 | industrial turntable |
| F30.19.50.10.10 | 车辆转台 | vehicle turntable |
| F30.19.50.20 | 食物转台 | hospitality turntable |
| F30.19.50.20.10 | 饭店食物转台 | restaurant turntable |
| F30.19.50.30 | 展览会转台 | exhibit turntable |
| F30.19.50.30.10 | 展示转台 | display turntable |
| F30.19.50.40 | 娱乐转台 | entertainment turntable |
| F30.19.50.40.10 | 舞台转台 | stage turntable |
| F30.19.70.00 | 其它传输设备 | other conveying equipment |
| F30.19.70.10 | 传送带设施 | facility chutes |
| F30.19.70.20 | 气动导管传输系统 | pneumatic tube system |
| F30.20.00.00 | 专用设备 | equipment |
| F30.20.10.00 | 机械式停车设备 | mechanical parking equipment |
| F30.20.15.00 | 无障碍设施 | barrier-free facilities |
| F30.20.15.10  (F14-10.20.33) | 坡道 | ramp |
| F30.20.15.20 | 防撞扶手 | crash proof handrail |
| F30.20.15.30 | 盲人标识 | blind identification |
| F30.20.20.00 | 商用设备 | commercial equipment |
| F30.20.20.10 | 商品服务设备 | mercantile and service equipment |
| F30.20.20.20 | 建筑物维护设备 | maintenance equipment |
| F30.20.20.30 | 商用厨房设备 | unit kitchen |
| F30.20.20.40 | 办公设备 | office equipment |
| F30.20.20.50 | 邮政、包装和运输设备 | postal，packaging and shipping equipment |
| F30.20.25.00 | 住宅设备 | resident equipment |
| F30.20.25.10 | 住宅电器 | resident appliance |
| F30.20.25.20 | 伸缩楼梯 | retractable stair |
| F30.20.30.00 | 教育和科研设备 | educational and scientific equipment |
| F30.20.30.10 | 图书管理设备 | library equipment |
| F30.20.30.20 | 视听设备 | audio-visual equipment |
| F30.20.30.30 | 实验室设备 | laboratory equipment |
| F30.20.30.40 | 天文馆设备 | planetarium equipment |
| F30.20.30.50 | 展览用设备 | exhibit equipment |
| F30.20.35.00 | 娱乐设备 | entertainment equipment |
| F30.20.35.10 | 舞台剧设备 | theater and stage equipment |
| F30.20.35.20 | 音乐器材 | musical equipment |
| F30.20.35.30 | 康体休闲设备 | athletic and recreational equipment |
| F30.20.35.40 | 娱乐场设备和设施 | playfield equipment and structure |
| F30.20.40.00 | 医疗设备 | healthcare equipment |
| F30.20.40.10 | 医疗消毒设备 | medical sterilizing equipment |
| F30.20.40.20 | 检查和治疗设备 | examination and treatment equipment |
| F30.20.40.30 | 护理设备 | patient care equipment |
| F30.20.40.40 | 停尸室设备 | mortuary equipment |
| F30.20.45.00 | 垃圾处理设备 | garbage processing equipment |
| F30.20.45.10 | 固体废物处理设备 | solid waste handling equipment |
| F30.20.45.20 | 垃圾渗滤液处理设备 | the leachate treatment facility |
| F30.20.50.00 | 银行系统设备 | banking system equipment |
| F30.20.50.10 | 安全、安保和银行设备 | security，detention and banking equipment |
| F30.20.50.20 | 出纳服务设备 | teller and service equipment |
| F30.20.70.00 | 其它专用设备 | other equipment |
| F30.20.70.10 | 宗教设施 | religious equipment |
| F30.20.70.20 | 农业设备 | agriculture equipment |
| F30.20.70.30 | 园林设备 | horticultural product |
| F30-21.00.00 | 室外制品 | exterior product |
| F30-21.10.00 | 基层.石渣和铺路 材料 | bases, ballasts and paving |
| F30-21.10.10 | 广场砖 | square brick |
| F30-21.10.20 | 路面砖 | paving brick |
| F30-21.10.20.10 | 透水路面砖 | water permeable brick |
| F30-21.20.00 | 场地制品 | site products |
| F30-21.20.10 | 围栏 | fence |
| F30-21.20.15  (F14-10.10.21.12) | 大门 | gate |
| F30-21.20.20  (F14-10.10.21.33) | 挡土墙 | retaining wall |
| F30-21.20.25 | 屏蔽装置 | screening device |
| F30-21.20.25.10 | 体育围网 | sports fence |
| F30-21.30.00 | 公共服务设施 | public service facility |
| F30-21.30.10 | 标识 | sign |
| F30-21.30.10.10 | 编号标识 | number sign |
| F30-21.30.10.15 | 信息标识 | information sign |
| F30-21.30.10.20 | 导向标识 | guide sign |
| F30-21.30.10.25 | 疏散标识 | evacuation sign |
| F30-21.30.10.30 | 安全标识 | security sign |
| F30-21.30.15  (F14-10.10.21.21) | 旗杆 | flagpole |
| F30-21.30.20 | 电杆 | pole |
| F30-21.30.20.10 | 混凝土电杆 | concrete pole |
| F30-21.30.20.15 | 木质电杆 | wooden pole |
| F30-21.30.25 | 灯杆 | lamp standard |
| F30-21.30.30 | 工艺塔 | process column |
| F30-21.30.35 | 垃圾箱 | garbage bin |
| F30-21.30.40 | 信报箱 | cabinet |
| F30-21.30.45 | 公告栏 | bulletin board |
| F30-21.30.50 | 室外座椅、座凳 | outdoor chair，stool |
| F30-21.30.55 | 景观、小品、凉亭 | landscape, sketch, the pavilion |
| F30-30.00.00 | 消防 | fire suppression |
| F30-30.10.00  (F14-40.30.00) | 水消防系统 | water-based fire-suppression system |
| F30-30.10.10 | 室外消火栓设施 | outdoor fire hydrants facility |
| F30-30.10.10.10 | 室外消防管道、配件 | outdoor fire-suppression water-serv- ice piping &• part |
| F30-30.10.10.20 | 室外消火栓 | outdoor fire hydrant |
| F30-30.10.10.30 | 消防水泵接合器 | Siamese connection |
| F30-30.10.15 | 室内消火栓设施 | indoor fire hydrant facility |
| F30-30.10.15.10 | 室内消防管道、配件 | indoor fire hydrant waterservice pip­ing &, parts |
| F30-30.10.15.20 | 室内消火栓 | indoor fire hydrant |
| F30-30.10.15.30 | 消防水龙带、水枪 | fire-suppression hoses and nozzles |
| F30-30.10.15.40 | 消防软管卷盘 | fire-suppression hoses reels |
| F30-30.10.15.50 | 消火栓箱 | hose cabinets (box) |
| F30-30.10.20  （F14-40.30.06） | 自动喷水灭火系统 | fire-suppression sprinkler system |
| F30-30.10.20.10 | 湿式喷水灭火系统 | wet-pipe sprinkler system |
| F30-30.10.20.20 | 干式喷水灭火系统 | dry-pipe sprinkler system |
| F30-30.10.20.30 | 预作用喷水灭火系统 | preaction sprinkler system |
| F30-30.10.20.50 | 重复启闭预作用喷水 灭火系统 | recycling preaction sprinkler system |
| F30-30.10.20.60 | 雨淋喷水灭火系统 | deluge fire-suppression sprinkler system |
| F30-30.10.20.70 | 水幕系统 | drencher system |
| F30-30.10.25 | 大空间智地型主动喷 水灭火系统 | large-space intelligent active control sprinkler system |
| F30-30.10.30 | 水喷雾灭火系统 | water spray cxlingitishing system |
| F30-30.10.35 | 细水雾灭火系统 | water mist fire extinguishing system |
| F30-30.10.40 | 固定消防炮灭火系统 | fixed fire monitor cxlinguishing system |
| F30-30.10.45  (F14-40.30.27.30) | 消防喷头 | fire sprinkler |
| F30-30.10.45.10 | 上翻式消防喷头 | upturned fire sprinkler |
| F30-30.10.45.20 | 下翻式消防喷头 | down turning fire sprinkler |
| F30-30.20.00 | 气体灭火系统 | fire-extinguishing system |
| F30-30.20.10 | 二氧化碳灭火系统 | carbon-dioxide fire-extinguishing system |
| F30-30.20.10.10 | 二氧化碳灭火管道 | cardon-dioxide fire-extinguishing piping |
| F30-30.20.10.20 | 二氧化碳灭火设备 | carbon-dioxide fire-extinguishing equipment |
| F30-30.20.20 | 七氟丙烷灭火系统 | heptafluoropropanc fire-cxtinguishing system |
| F30-30.20.20.10 | 七氟丙烷灭火管道 | heplafhioropropane fire-extinguishing pipinK |
| F30-30.20.20.20 | 七氟丙烷灭火设备 | heptafluoropropane fire-extinguishing equipment |
| F30-30.20.30 | 七氟丙烷灭火系统 | three fluorine methane fire-extinguis­hing system |
| F30-30.20.30.10 | 三氟甲烷灭火管道 | three fluorine methane fire-extinguis- hing piping |
| F30-30.20.30.20 | 三氟甲烷灭火没备 | three fluorine methane fire-extinguis­hing equipment |
| F30-30.20.40 | 洁净气体灭火系统 | dean-agent fire-extinguishing system |
| F30-30.20.40.10 | 洁净气体灭火管道 | clean-agent fire-extinguishing piping |
| F30-30.20.40.20 | 洁净气体灭火设备 | clean-agent fire-extinguishing equipment |
| F30-30.20.50 | 洁净气体灭火设备 | clean-agent fire-extinguishing equipment |
| F30-30.20.50.10 | 气溶胶灭火系统 | aerosol fire-extinguishing system |
| F30-30.20.50.20 | 气溶胶灭火管道 | aerosol fire-extinguishing piping |
| F30-30.20.50.30 | 气溶胶灭火设备 | aerosol fire-extinguishing equipment |
| F30-30.30.00 | 泡沫灭火系统 | foam fire-extinguishing system |
| F30-30.30.10 | 低倍数泡沫灭火系统 | low expansion foam fire- extinguishing system |
| F30-30.30.10.10 | 低倍数泡沫灭火管道 | low-expansion foam fire-extinguishing piping |
| F30-30.30.10.20 | 低倍数泡沫灭火设备 | low-expansion foam fire-extinguishing equipment |
| F30-30.30.20 | 中倍数泡沫灭火系统 | medium expansion foam fire-extin­guishing system |
| F30-30.30.20.10 | 中倍数泡沫灭火管道 | medium expansion foam fire- extin­guishing piping |
| F30-30.30.20.20 | 中倍数泡沫灭火设备 | medium expansion foam fire-extin­guishing equipment |
| F30-30.30.30 | 高倍数泡沫灭火系统 | high expansion foam fire-extin­guishing system |
| F30-30.30.30.10 | 高倍数泡沫灭火管道 | high expansion foam fire- extin­guishing piping |
| F30-30.30.30.20 | 高倍数泡沫灭火设备 | high expansion foam fire-extin­guishing equipment |
| F30-30.30.40 | 泡沫喷淋灭火系统 | foam sprinkler fire extinguishing system |
| F30-30.30.40.10 | 泡沫喷淋灭火管道 | foam sprinkler fire extinguishing piping |
| F30-30.30.40.20 | 泡沫喷淋灭火设备 | foam sprinkler fire extinguishing piping |
| F30-30.40.00 | 消防泵设备 | fire pump equipment |
| F30-30.40.10 | 离心式消防泵 | centrifugal fire pump |
| F30-30.40.10.10 | 电动离心式消防泵 | electric-drive centrifugal fire pump |
| F30-30.40.10.20 | 柴油离心式消防泵 | diesel-drive centrifugal fire pump |
| F30-30.40.20 | 立式涡轮消防泵 | vertical-turbine fire pump |
| F30-30.40.20.10 | 电动立式涡轮消防泵 | electric-drive vertical-turbine fire pump |
| F30-30.40.20.20 | 柴油文式涡轮消防泵 | diesel-drive vertical-turbine fire pump |
| F30-30.40.30 | 容积式消防泵 | positive-displacement fire pump |
| F30-30.40.30.10 | 电动容积式消防泵 | electric-drive positive-displacement fire pump |
| F30-30.40.30.20 | 柴油容积式消防泵 | diesel-drive positive-displacement fire pump |
| F30-30.40.40 | 成套压力消防给水设备 | packaged pressurize water supply equipment for fire-suppression |
| F30-30.40.40.10 | 气压消防给水设备 | air pressure water supply equipment for fire-suppression |
| F30-30.40.40.20 | 消防自动恒压给水设备 | constant press automatic water sup­ply equipment for fire-suppression |
| F30-30.40.40.30 | 消防增压稳压给水设备 | pressurize water supply equipment for fire-suppression |
| F30-30.40.40.40 | 气体顶压消防给水设备 | the replacement of water by compress gas water supply equipment for fire­-suppression |
| F30-30.50.00 | 消防储水设施 | fire-suppression water storage |
| F30-30.50.10  (F14-40.30.27.12) | 消防水箱 | storage tanks for fire-suppression water |
| F30-30.50.10.10 | 压力消防水箱（罐） | pressurized storage tanks for fire-sup­pression waler |
| F30-30.50.10.20 | 开式消防水箱 | opening storage tanks for fire-sup­pression water |
| F30-30.50.20 | 消防水池 | concrete structure storage tanks for fire-suppression water |
| F30-30.60.00 | 消防器材 | fire protection specialties |
| F30-30.60.10 | 灭火器 | fire extinguisher |
| F30-30.60.20 | 灭火器箱（柜） | fire extinguisher cabinet |
| F30-31.00.00 | 给水、热水 | cold water and hot water supply |
| F30-31.10.00 | 给水管材 | water supply pipe |
| F30-31.10.10 | 金属给水管 | metal pipe |
| F30-31.10.10.10 | 球墨铸铁管 | nodular cast-iron pipe |
| F30-31.10.10.15 | 不锈钢管 | stainless steel pipe |
| F30-31.10.10.20 | 建筑给水铜管 | copper pipe for building water supply |
| F30-31.10.10.25 | 热浸镀锌钢管 | hot dip galvanized steel pipe |
| F30-31.10.10.30 | 焊接钢管 | welding steel pipe |
| F30-31.10.10.35 | 无缝钢管 | seamless steel pipe |
| F30-31.10.15 | 塑料给水管 | plastic pipe for waler supply |
| F30-31.10.15.10 | 硬聚氯乙烯（PVCU）管 | unplasticised polyvinyl chloride-pipe |
| F30-31.10.15.13 | 氯化聚氯乙烷  （PVCC）管 | chlorinate poly (vinylchloridc) pipe |
| F30-31.10.15.16 | 高抗冲聚氯乙烯管 | pvc pipe high impact |
| F30-31.10.15.19 | 抗冲改性聚氯乙烯（PVC-M）管材 | pvc-m modified pipe |
| F30-31.10.15.23 | 聚乙烯（PE）管 | polyethylene pipe |
| F30-31.10.15.26 | 交联聚乙烯（PE- X）管 | crosslinked polyethylene pipe |
| F30-31.10.15.29 | 耐热聚乙烯（PERT）管 | polyethylene of raised temperature resistance pipe |
| F30-31.10.15.33 | 聚丙烯（PP）管 | polypropylene- pipe |
| F30-31.10.15.36 | 聚丁烯（PB）管 | polybutylene pipe |
| F30-31.10.15.39 | 丙烯睛丁二烯-苯乙（ABS）管 | acrylonitrile-butadiene-styrene pipe |
| F30-31.10.20 | 复合管 | conijsite pipes |
| F30-31.10.20.10 | 涂塑复合钢管 | coating plastic steel pipe |
| F30-31.10.20.13 | 衬塑复合钢管 | steel pipes of linking plastic |
| F30-31.10.20.16 | 钢塑复合压力管 | plastic-steel-plastic composite pres­sure pipe |
| F30-31.10.20.19 | 铝合金衬塑复合管 | aluminum-plastic laminated pipe |
| F30-31.10.20.23 | 不锈钢塑料复合管 | stainless steel-plastic composite pipes |
| F30-31.10.20.26 | 内衬不锈钢复合钢管 | composite steel pipe stainless steel lined |
| F30-31.10.20.29 | 铝塑复合压力管 | polyethylene/aluminum polyethy­lene composite pressure pipe |
| F30-31.10.20.33 | 无规共聚聚丙烯 （PP-R）塑铝稳态复 合管 | random polypropylene/aluminum stable composite pipe |
| F30-31.10.20.36 | 钢骨架聚乙烯塑料复 合管 | steel reinforced polyethylene plastic Pipe |
| F30-31.10.20.39 | 孔网钢带聚乙烯复 合管 | polyethylene (pe) composite pipes with porous steel strip |
| F30-31.15.00 | 给水增压设备 | booster equipment for water supply |
| F30-31.15.10 | 给水泵 | waler pump |
| F30-31.15.10.10 | 卧式离心泵 | horizontal type centrifugal pump |
| F30-31.15.10.20 | 立式离心泵 | vertical type centrifugal pump |
| F30-31.15.10.30 | 管道泵 | inline pump |
| F30-31.15.20 | 成套增压给水设备 | domestic-water packaged booster equipment |
| F30-31.15.20.10 | 气压给水设备 | pneumatic water supply installation |
| F30-31.15.20.20 | 变频调速给水设备 | VFGS water supply installation |
| F30-31.15.20.30 | 管网叠压给水设备 | pressure-superposed water supply in­stallation in pipe network |
| F30-31.15.20.40 | 箱式泵站 | chamber pump |
| F30-31.20.00 | 给水箱 | potable-water storage tanks |
| F30-31.20.10 | 开式水箱 | open water tank |
| F30-31.20.10.10 | 镀锌钢板水箱 | galvanized steel plate water tank |
| F30-31.20.10.15 | 不锈钢板水箱 | stainless steel water tank |
| F30-31.20.10.20 | 防腐瓷釉钢板水箱 | ceramic coated anticorrosive steel plate water lank |
| F30-31.20.10.25 | 复合钢板水箱 | compound steel plate water tank |
| F30-31.20.10.30 | 搪瓷钢板水箱 | enameled steel plate water tank |
| F30-31.20.10.35 | 玻璃钢水箱 | frp water lank |
| F30-31.20.10.40 | 塑料水箱 | plastic water tank |
| F30-31.20.20 | 闭式水箱 | closed water tank |
| F30-31.25.00 | 建筑给水处理设备 | water treatment equipment |
| F30-31.25.10 | 软化水设备 | domestic waler softener |
| F30-31.25.10.10 | 白动控制钠离子 换器 | automatic sodium-ion exchanger |
| F30-31.25.10.20 | 自动控制氢离子交换器 | automatic hydrogen-ion exchanger |
| F30-31.25.15 | 生活给水过滤设备 | domestic-water filtration equipment |
| F30-31.25.15.10 | 生活给水滤芯型过滤器 | domestic-water cartridge filter |
| F30-31.25.15.20 | 生活给水活性炭过滤器 | domestic-water carbon filter |
| F30-31.25.15.30 | 生活给水砂过滤器 | domestic-water sand filter |
| F30-31.25.15.40 | 微孔过滤器 | microporous filter |
| F30-31.25.15.50 | 全自动反冲洗过滤器 | automatic backwash filter |
| F30-31.25.20 | 膜处理设备 | membrane treatment equipment |
| F30-31.25.20.10 | 反渗透膜处理设备 | reverse osmosis membrane treatment equipment |
| F30-31.25.20.20 | 纳滤膜处理设备 | nanofiltration membrane treatment equipment |
| F30-31.25.20.30 | 超滤膜处理设备 | ultra filtration membrane treatment equipment |
| F30-31.25.20.40 | 微孔滤膜处理设备 | micro filtration membrane treatment equipment |
| F30-31.25.25 | 地下水有毒物质去除设备 | underground water toxic material re­moval equipment |
| F30-31.25.25.10 | 除氟设备 | fluoride removal equipment |
| F30-31.25.25.20 | 除砷碑设备 | arsenic removal equipment |
| F30-31.25.25.30 | 除镉设备 | cadmium removal equipment |
| F30-31.25.30 | 消毒设备 | disinfecting equipment |
| F30-31.25.30.10 | 加氯机 | chlorinator |
| F30-31.25.30.15 | 次氯酸钠发生器 | hypochlorite generator |
| F30-31.25.30.20 | 二氧化氯消毒剂发 生器 | chlorine dioxide synergetic disinfect­ant generator |
| F30-31.25.30.25 | 氯片及漂白粉消毒器 | chlorine tablet &• bleaching powder disinfector |
| F30-31.25.30.30 | 水箱白洁消毒器 | tank self-cleaning disinfector |
| F30-31.25.30.35 | 臭氧发生器 | ozone generator |
| F30-31.25.30.40 | 紫外线消毒器 | ultraviolet disinfector |
| F30-31.30.00 | 加热贮热设备 | healing and storage equipment |
| F30-31.30.10 | 热水器 | water heater |
| F30-31.30.10.10 | 电热水器 | electric domestic water heater |
| F30-31.30.10.20 | 燃气热水器 | gas domestic water heater |
| F30-31.30.10.30 | 太阳能热水器 | solar water healer |
| F30-31.30.20 | 换热设备 | heat exchanger |
| F30-31.30.20.10 | 板式换热器 | plate heat exchanger |
| F30-31.30.20.20 | 管式换热器 | tubular heal exchanger |
| F30-31.30.20.30 | 容积式换热器 | volumetric heal exchanger |
| F30-31.30.20.40 | 半即热式换热器 | semi-instantaneous waler healer |
| F30-31.30.20.50 | 换热机组 | heat exchanger unit |
| F30-31.30.30 | 开水设备 | boiling-waler heater |
| F30-31.30.30.10 | 电开水器 | electric boiling-water heater |
| F30-31.30.30.20 | 燃料型开水炉 | fuel boiling-water heater |
| F30-31.30.30.30 | 蒸汽盘管开水炉 | steam coil boiling-water heater |
| F30-31.30.30.40 | 热管开水器 | heating tube boiling-waler healer |
| F30-31.30.40 | 热水贮存设备 | hot waler storage facility |
| F30-31.30.40.10 | 热水储水箱 | hot-water lank |
| F30-31.30.40.20 | 热水储水罐 | hot-waler vessel |
| F30-31.35.00  （F14-40.60.03） | 阀门 | valve |
| F30-31.35.02 | 闸阀 | gate valve.' |
| F30-31.35.04 | 蝶阀 | butterfly valve |
| F30-31.35.06 | 截止阀 | globe valve |
| F30-31.35.08 | 球阀 | ball valve |
| F30-31.35.10 | 旋塞阀 | cock |
| F30-31.35.12 | 角阀 | angle valve |
| F30-31.35.14 | 隔膜阀 | diaphragm valve |
| F30-31.35.16 | 止四阀 | check valve |
| F30-31.35.18 | 底阀 | foot valve |
| F30-31.35.20 | 浮球阀 | float valve |
| F30-31.35.22 | 温控阀 | temperature control valve |
| F30-31.35.24 | 液压水位控制阀 | liquid-pressure water level controller |
| F30-31.35.26 | 双级水力控制阀 | double hydraulic control valve |
| F30-31.35.28 | 减尔阀 | pressure-reducing valve |
| F30-31.35.28.10 | 比例式减压阀 | ratio pressure reducing |
| F30-31.35.28.20 | 先导式减压阀 | pilot operated pressure reducing valve |
| F30-31.35.28.30 | 薄膜式减压阀 | diaphragm reducing valve |
| F30-31.35.30 | 稳压阀 | constant pressure valve |
| F30-31.35.32 | 调节阀 | automatic adjusting valve |
| F30-31.35.34 | 节流阀 | throttle valve |
| F30-31.35.36 | 平衡阀 | balancing valve |
| F30-31.35.38 | 多功能水泵控制阀 | multi-function control valve for pum- ping system |
| F30-31.35.40 | 安全阀 | safety valve |
| F30-31.35.42 | 泄压阀 | decompression valve |
| F30-31.35.44 | 持压阀 | pressure continuous valve |
| F30-31.35.46 | 紧急关闭阀 | emergency close valve |
| F30-31.35.48 | 倒流防止器 | backflow preventer |
| F30-31.35.50 | 水锤消除器 | water hammer arrestor |
| F30-31.35.52 | 信号阀 | signal valve |
| F30-31.35.54 | 排气阀 | exhaust valve |
| F30-31.35.56 | 电磁阀 | electromagnetic valve |
| F30-31.35.58 | 真空破坏器 | vacuum breaker |
| F30-31.40.00 | 计量表 | flow measuring instrument |
| F30-31.40.10 | 水表 | water meter |
| F30-31.40.15 | 流量计 | flow meter |
| F30-31.40.20 | 压力表 | pressure gauge |
| F30-31.40.25 | 真空表 | vacuum gauge |
| F30-31.40.30 | 温度计 | thermometer |
| F30-31.40.35 | 液位计 | liquid level gauge |
| F30-32.00.00 | 建筑排水 | building sanitary drainage |
| F30-32.10.00  （F14-40.20.03） | 建筑排水管 | building drainage pipe |
| F30-32.10.10 | 金属排水管 | metal pipe |
| F30-32.10.10.10 | 承插式柔性接口铸铁管 | bell (socket) and spigot flexible joint cast iron pipe |
| F30-32.10.10.20 | 卡箍式柔性接口铸铁管 | coupling type flexible joint cast iron pipe |
| F30-32.10.10.30 | 焊接钢管排水管 | welded steel pipe |
| F30-32.10.20 | 塑料排水管 | plastic pipe |
| F30-32.10.20.10 | 硬聚氯乙烯(PVC-U)实壁管材 | unplasticized poly ( vinyl chloride) (PVC-U) pipe |
| F30-32.10.20.15 | 中空壁消音硬聚氯乙烯管 | unplasticized polyvinyl chloride doub­le-wall noise-reducing pipe |
| F30-32.10.20.20 | 硬聚氯乙烯内螺旋管 | pvc-u inner spiral rib pipe |
| F30-32.10.20.25 | 芯层发泡硬聚氯乙烯  (PVC-U)管 | unplasticized polyvinyl chloride  (PVC-U) pipes with a cellular core |
| F30-32.10.20.30 | 建筑排水用高密度聚 乙烯(HDPE)管 | high density polyethylene pipes for drainage inside building |
| F30-32.10.20.35 | 氯化聚氯乙烯  (PVC-C)管 | chlorinated poly ( vinyl chloride) (PVC-C) pipe |
| F30-32.10.20.40 | 聚丙烯排水管 | polypropylene pipe for drainage |
| F30-32.10.30 | 复合排水管 | composite pipe for drainage |
| F30-32.15.00 | 污水提升设备 | sanitary sewerage pump equipment |
| F30-32.15.10 | 污水泵 | sewage pump |
| F30-32.15.10.10 | 立式污水泵 | vertical sewage pump |
| F30-32.15.10.20 | 卧式污水泵 | horizontal sewage pump |
| F30-32.15.10.30 | 潜污泵 | subaqueous sewage pump |
| F30-32.15.20 | 成套污水提升装置 | packaged sewerage pump units |
| F30-32.20.00 | 建筑排水专用设备、部件 | sanitary sewage specific equipment &• part |
| F30-32.20.10  (F14-40.20.12.03) | 地漏 | floor drain |
| F30-32.20.20 | 油水分离设备 | oil and water separatt'd equipment |
| F30-32.20.20.10 | 隔油器 | grease-water separator |
| F30-32.20.20.20 | 油水分离器 | oil and waler separator |
| F30-32.20.30 | 吸气阀 | air admittance valve |
| F30-32.25.00 | 污水排水构筑物 | sanitary sewerage struclure |
| F30-32.25.05 | 化粪池 | septic tank |
| F30-32.25.10 | 隔油池 | oil separation lank |
| F30-32.25.15 | 降温池 | cooling tank |
| F30-32.25.20 | 调节池 | balance lank |
| F30-32.25.25 | 沉淀池 | sedimentation basin |
| F30-32.25.30 | 过滤池 | filter chamber |
| F30-32.25.35 | 污水检查井 | inspection chamber |
| F30-32.30.00 | 特殊排水系统 | special discharge system |
| F30-32.30.10 | 同层排水系统 | same floor drainage system |
| F30-32.30.20 | 特殊单上管排水系统 | single stack drainage system |
| F30-32.30.30 | 真空排水系统 | vacuum drainage system |
| F30-32.35.00 | 建筑中水处理设施 | reclaimed water treatment facility |
| F30-32.35.10 | 物理化学处理设施 | physical and chemical process facility |
| F30-32.35.20 | 生化处理设施 | biochemical process facility |
| F30-32.40.00 | 小区生活污水处理设施 | domestic sewage treatment facility |
| F30-33.00.00 | 雨水排水 | building storm drainage |
| F30-33.10.00 | 建筑雨水排水管材 | storm drainage piping of building |
| F30-33.10.10 | 塑料雨水管 | plastic rainwater pipe |
| F30-33.10.20 | 金属雨水管 | metal rainwater pipe |
| F30-33.10.30 | 复合雨水管 | composite rainwater pipe |
| F30-33.20.00 | 建筑雨水收集设施 | facility storm collecting of building |
| F30-33.20.10  (F14-40.20.12.09) | 雨水斗 | roof drain |
| F30-33.20.10.10 | 重力流雨水斗 | gravity roof drain |
| F30-33.20.10.20 | 半有压雨水斗 | half pressure water roof drain |
| F30-33.20.10.30 | 虹吸式雨水斗 | symphonic roof outlet |
| F30-33.20.20 | 沟渠式排水设施 | facility trench drains |
| F30-33.20.20.10 | 天沟 | roof gutter |
| F30-33.20.20.20 | 边沟 | brim gutter |
| F30-33.20.20.30 | 檐沟 | eaves gutter |
| F30-33.20.20.40 | 线性排水沟 | line drainage trench |
| F30-33.30.00 | 雨水回用设施 | appliance for rainwater recycling uti­lization |
| F30-33.30.10 | 入渗设施 | infiltration facility |
| F30-33.30.10.10 | 入渗井 | infiltration well |
| F30-33.30.10.20 | 渗透管 | infiltration pipe |
| F30-33.30.10.30 | 入渗池 | infiltration pool |
| F30-33.30.10.40 | 渗透雨水口 | infiltration rainwater inlet |
| F30-33.30.20 | 雨水储存设施 | rainwater storage facility |
| F30-33.30.20.10 | 雨水储存罐 | rainwater storage pot |
| F30-33.30.20.20 | 雨水储存池 | rainwater storage tank |
| F30-33.40.00 | 雨水提升设备 | storm water pump equipment |
| F30-33.40.10 | 雨水泵 | storm water pump |
| F30-33.40.10 | 成套雨水提升设备 | packaged storm water pump units |
| F30-34.00.00 | 卫生设备 | plumbing fixture |
| F30-34.10.00 | 医疗卫生设备 | healthcare plumbing fixture |
| F30-34.10.10 | 医用高位冲洗水箱 | healthcare high flush tank |
| F30-34.10.15 | 医用大便器 | healthcare water closet |
| F30-34.10.20 | 医用洗涤槽 | healthcare sinks |
| F30-34.10.25 | 医用浴缸和淋浴器 | healthcare bathtubs and shower |
| F30-34.10.30 | 医用淋浴盆 | healthcare shower receptor and basin |
| F30-34.10.35 | 医用水龙头 | healthcare faucet |
| F30-34.10.40 | 医用口生设备冲水阀 | healthcare plumbing fixture flushometer |
| F30-34.10.45 | 水疗设备 | hydrotherapy fixture |
| F30-34.20.00 | 应急卫生设备 | emergency plumbing fixture |
| F30-34.20.10 | 应急淋浴设施 | emergency shower |
| F30-34.20.20 | 洗眼装置 | eyewash equipment |
| F30-35.00.00 | 专用建筑给水排水 | special constructions plumbing |
| F30-35.10.00 | 泳池给水排水系统 | swimming pool plumbing system |
| F30-35.10.10 | 泳池管道 | swimming pool piping |
| F30-35.10.15 | 泳池水泵 | swimming pool pump |
| F30-35.10.20 | 泳池水处理设备 | swimming pool water treatment e- quipmcnl |
| F30-35.10.25 | 泳池设备控制系统 | swimming pool equipment control |
| F30-35.20.00 | 公共浴室给水排水系统 | the plumbing systems of bathhouse |
| F30-35.20.10 | 公共浴室管道 | bathhouse piping |
| F30-35.20.15 | 公共浴室水泵 | bathhouse pump |
| F30-35.20.20 | 公共浴室水处理设备 | bathhouse water treatment equipment |
| F30-35.20.25 | 公共浴室水加热设备 | water heater of bathhouse |
| F30-35.20.30 | 公共浴室设备控制系统 | bathhouse equipment control |
| F30-35.30.00 | 喷泉、喷灌给水排水系统 | fountain and sprinkling irrigation plumbing systems |
| F30-35.30.10 | 喷泉给水排水系统 | fountain plumbing system |
| F30-35.30.10.10 | 喷头 | spray head |
| F30-35.30.10.15 | 喷泉管材 | fountain piping |
| F30-35.30.10.20 | 喷泉水泵 | fountain pump |
| F30-35.30.10.25 | 喷泉工程水处理设备 | fountain waler treatment equipment |
| F30-35.30.10.30 | 喷泉设备 | fountain equipment |
| F30-35.30.20 | 喷灌给水排水系统 | sprinkling irrigation plumbing system |
| F30-35.30.20.10 | 喷灌喷头 | irrigation sprinkler head |
| F30-35.30.20.20 | 喷灌管材 | sprinkling irrigation pipe |
| F30-35.30.20.30 | 喷灌阀门 | sprinkling irrigation valve |
| F30-35.40.00 | 洗衣房给水排水系统 | laundry room plumbing system |
| F30-35.40.10 | 洗衣房管道 | laundry room pipe |
| F30-35.40.20 | 洗衣房专用设备 | laundry room special equipment |
| F30-35.40.30 | 洗衣房水加热设备 | water heater of laundry room |
| F30-35.50.00 | 实验室和医疗设施的 用水处理系统 | water treatment systems for laborato­ry and healthcare facilities |
| F30-35.50.10.10 | 实验室和医疗设施的用水处理管道 | processed water piping for laboratory and healthcare facilities |
| F30-35.50.10.20 | 实验室和医疗设施的用水处理设备 | processed waler equipment for labo­ratory and healthcare facilities |
| F30-40.00.00 | 冷、热源 | heating and cooling source |
| F30-40.10.00  (F14-30.10.06.03) | 锅炉 | boiler |
| F30-40.10.10 | 燃煤锅炉 | coal-fired boiler |
| F30-40.10.15 | 燃油、燃气锅炉 | oil-fired, gas boiler |
| F30-40.10.20 | 生物质燃料锅炉 | bio-fired boiler |
| F30-40.10.25 | 电热锅炉 | eclectic boiler |
| F30-40.10.30 | 锅炉配套装置 | boiler accessories |
| F30-40.10.30 | 锅炉烟道、烟囱 | breeching chimney and stack |
| F30-40.15.00 | 单元式热水没备 | unit type hot waler equipment |
| F30-40.15.10 | 多能源热水炉 | multi-energy hot waler boiler |
| F30-40.15.20 | 电热水炉 | electric hot water boiler |
| F30-40.20.00 | 燃气红外线供暖装置 | gas-fired radiant healing unit |
| F30-40.25.00 | 冷水机组 | waler chiller |
| F30-40.25.10 | 电动压缩式冷水机组 | electrically driven compressor water chiller |
| F30-40.25.10.10 | 涡旋式冷水机组 | hermetic scroll water chiller |
| F30-40.25.10.20  (F14-30.10.03.09) | 螺杆式冷水机组 | screw water chiller |
| F30-40.25.10.30  (F14-30.10.03.12) | 离心式冷水机组 | centrifugal waler chiller |
| F30-40.25.20 | 溴化锂吸收式冷水 机组 | lithium bromide absorption water chiller |
| F30-40.25.20.10 | 蒸汽型溴化锂吸收式 冷水机组 | steam type lithium bromide absorp­tion waler chiller |
| F30-40.25.20.20 | 热水型溴化锂吸收式 冷水机组 | hot water type lithium bromide ab­sorption water chiller |
| F30-40.25.20.30 | 直燃型溴化锂吸收式 冷水机组 | direct-fired lithium bromide absorp­tion waivr chiller |
| F30-40.30.00 | 热泵 | hval pump |
| F30-40.30.10 | 空气源热泵 | air source heat pump |
| F30-40.30.20 | 地源热泵 | ground source heat pump |
| F30-40.30.20.10 | 地埋管地源热泵 | ground covers up tube ground source heat pump |
| F30-40.30.20.20 | 地下水地源热泵 | groundwater ground source heat pump |
| F30-40.30.20.30 | 江河湖水地源热泵 | river waler ground in river lake the source heat pump |
| F30-40.30.20.40 | 海水源地源热泵 | sea water source ground the source heat pump |
| F30-40.30.20.50 | 污水源地源热泵 | sewage source ground source heat pump |
| F30-40.30.30 | 水环热泵 | water wreath heat pump |
| F30-40.35.00 | 蓄热、蓄冷装置 | thermal storage |
| F30-40.35.10 | 蓄冰装置 | ice storage |
| F30-40.35.10.10 | 冰盘管式 | ice-on-coil thermal storage |
| F30-40.35.10.20 | 封装式冰蓄冷 | encapsulated-ice thermal storage |
| F30-40.35.10.30 | 制冰滑落式/冷水机 | ice-harvesting thermal storage /chiller |
| F30-40.35.10.40 | 冰浆式 | ice-slurry thermal storage |
| F30-40.35.20 | 水蓄冷（热）装置 | cold (hot) water thermal storage |
| F30-40.35.30 | 相变材料蓄热 | phase change material thermal stor­age equipment |
| F30-40.35.40 | 蒸汽蓄热 | steam thermal storage equipment |
| F30-40.40.00 | 燃气冷热电三联供 | gas-fired combined cooling, heating and power engineering |
| F30-40.45.00 | 循环水处理设备 | recirculating water treatment equipment |
| F30-40.45.10 | 供热空调用软化水 设备 | soften water equipment for HVAC |
| F30-40.45.20 | 除氧设备 | deoxygenation equipment |
| F30-40.45.30 | 除锈设备 | derusting equipment |
| F30-40.45.40 | 除砂设备 | degritting equipment |
| F30-40.50.00 | 太阳能供暖系统 | solar healing system |
| F30-40.50.10 | 太阳能蓄热水箱 | solar heat storage tank |
| F30-40.50.20 | 太阳能集热器 | solar collector |
| F30-40.50.30 | 太阳能衬板 | solar liner |
| F30-41.00.00 | 冷却水系统 | circulating water-cooling system |
| F30-41.10.00  （F14-30.50.18） | 冷却塔 | cooling tower |
| F30-41.10.10 | 自然通风逆流湿式冷 却塔 | natural draft counter-flow wet cooling tower |
| F30-41.10.15 | 自然通风横流湿式冷 却塔 | natural-draft cross-flow wet cooling tower |
| F30-41.10.20 | 机械通风逆流湿式冷 却塔 | forced-draft wet counter-flow cooling tower |
| F30-41.10.25 | 机械通风横流湿式冷 却塔 | forced-draft cross-flow wet cooling tower |
| F30-41.10.30 | 机械通风多风机湿式 冷却塔 | forced-draft multi-ventilator wet cool­ing lower |
| F30-41.10.35 | 干式冷却塔 | dry cooling tower |
| F30-41.10.40 | 干湿式冷却塔 | wet and dry cooling tower |
| F30-41.20.00 | 空气冷却器 | air cooler |
| F30-42.00.00 | 供暖 | heating |
| F30-42.10.00 | 热媒输送设备 | heating medium delivery device |
| F30-42.10.10 | 补水、定压装置 | feedwater and pressurization device |
| F30-42.10.10.10 | 膨胀水箱 | elevated expansion tank |
| F30-42.10.10.20 | 气压罐定压装置 | barometric bottle certainly presses device |
| F30-42.10.10.30 | 补水泵 | feedwater pump |
| F30-42.10.15 | 分、集水器 | waler distribution header. water collecting header |
| F30-42.10.20 | 除污器（过滤器） | strainer |
| F30-42.10.25 | 集气罐 | air collecting tank |
| F30-42.10.30 | 调压板 | orifice plate |
| F30-42.10.35 | 管道补偿器 | pipe expansion joint |
| F30-42.10.40 | 管道支吊架 | pipe hanger ' |
| F30-42.10.45 | 管道支座 | pipe support |
| F30-42.20.00 | 蒸汽管道、附件 | steam piping accessories |
| F30-42.20.10 | 疏水器 | steam trap |
| F30-42.20.15 | 闪蒸罐 | flash tank |
| F30-42.20.20 | 分汽缸 | steam distribution header |
| F30-42.20.25 | 凝结水自动同收装置 | condense water collecting device |
| F30-42.30.00 | 室内供暖设备 | indoor healing device |
| F30-42.30.10 | 散热器 | radiator |
| F30-42.30.10.10 | 铸铁散热器 | cast iron radialor |
| F30-42.30.10.20 | 钢制散热器 | steel radiator |
| F30-42.30.10.30 | 铜铝散热器 | copper aluminum radiator |
| F30-42.30.20 | 低温热水辐射供暖 设备 | 1ow- (cm pc r a t u rc hot waler radiant healing units |
| F30-42.30.30 | 电热式辐射供暖设备 | electric radiant heating unit |
| F30-42.30.40 | 暖风机 | warm air blower |
| F30-42.30.50 | 空气加热器 | air healer |
| F30-42.40.00 | 集中供暖系统热计量与室温调控设备 | the central heating system heat mete­ring and temperature control |
| F30-42.40.10 | 热量表 | heat meter |
| F30-42.40.20 | 热分配表 | heat cost allocator |
| F30-42.40.30 | 热量分配装置 | heat allocation device |
| F30-42.40.40 | 恒温控制阀 | thermostatic valve |
| F30-42.40.50 | 辐射供暖室温控制装置 | the floor radiation adopts warm in­door temperature control device |
| F30-42.50.00 | 管道阀门 | piping valve |
| F30-43.00.00 | 通风 | ventilation |
| F30-43.10.00 | 通风机 | fan |
| F30-43.10.10 | 一般通用通风机 | HVAC fan |
| F30-43.10.10.10 | 离心式风机 | centrifugal hvac fan |
| F30-43.10.10.15 | 轴流式风机 | axial hvac fan |
| F30-43.10.10.20 | 斜流式风机 | diagonal flow fan |
| F30-43.10.10.25 | 混流式风机 | mixed flow fan |
| F30-43.10.10.30 | 贯流式风机 | cross-flow fan |
| F30-43.10.10.35 | 射流风机 | jet fan |
| F30-43.10.10.40 | 风机箱 | cabinet fan |
| F30-43.10.10.45 | 诱导风机 | induction fan |
| F30-43.10.10.50 | 屋顶风机 | roof fan |
| F30-43.10.15 | 防爆通风机 | explosion-proof fan |
| F30-43.10.20 | 防腐通风机 | anti-corrosion (an |
| F30-43.10.25 | 排烟风机 | exhaust fan |
| F30-43.10.30 | 厨房排油烟专用风机 | commercial-kitchcn hood fan |
| F30-43.10.35 | 新风换气机 | fresh air ventilator |
| F30-43.10.40 | 换气扇 | ventilating fans |
| F30-43.10.45 | 空气幕 | air curtain |
| F30-43.15.00 | 通风管道 | hvac duct |
| F30-43.15.10 | 金属风管 | metal duct |
| F30-43.15.10.10 | 普通钢板风管 | steel duct |
| F30-43.15.10.20 | 镀锌钢板风管 | galvanized steel duct |
| F30-43.15.10.30 | 不锈钢风管 | stainless steel duct |
| F30-43.15.10.40 | 铝合金风管 | aluminum duct |
| F30-43.15.10.50 | 彩色喷涂钢板风管 | color coating steel duct |
| F30-43.15.20 | 非金属风管 | nonmetal duct |
| F30-43.15.20.10 | 酚醛铝箔复合板风管 | phenolic composite panels aluminum foil duct |
| F30-43.15.20.15 | 聚氨酯铝消风管 | polyurethane foil duel |
| F30-43.15.20.20 | 玻璃纤维复合风管 | fibrous-glass ducts |
| F30-43.15.20.25 | 无机玻璃钢风管 | fiberglass-reinforced plastic duct |
| F30-43.15.20.30 | 硬聚氯乙烯织物风管 | pvc fabric duct |
| F30-43.15.20.35 | 聚酯纤维织物风管 | polyester fabric duct |
| F30-43.15.20.40 | 混凝土风管 | concrete duct |
| F30-43.15.30 | 柔性风管 | flexible duct |
| F30-43.15.30.10 | 复合铝箔柔性风管 | com[x)silc aluminum foil flexible duct |
| F30-43.15.30.20 | 无纺布柔性风管 | non-woven fabric flexible duct |
| F30-43.15.30.30 | 金属柔性风管 | metal flexible duct |
| F30-43.20.00 | 通风口 | air outlet and inlet |
| F30-43.20.10 | 百叶风口 | register |
| F30-43.20.15 | 散流器 | diffuser |
| F30-43.20.20 | 条形风口 | slot outlet |
| F30-43.20.25 | 喷射式送风口 | nozzle |
| F30-43.20.30 | 旋流风口 | twist outlet |
| F30-43.20.35 | 置换送风口 | replacement outlet |
| F30-43.20.40 | 送风孔板 | orifice plate outlet |
| F30-43.20.45 | 排烟风口 | smoke exhaust |
| F30-43.20.45.10 | 板式排烟口 | smoke plate |
| F30-43.20.45.20 | 多叶排烟口 | multi blade exhaust port |
| F30-43.20.50 | 防火风口 | fire-resisting outlet |
| F30-43.25.00 | 通风管道阀门 | damper for ventilation system |
| F30-43.25.10 | 风量调节阀 | control damper |
| F30-43.25.15 | 定风量阀 | constant-air-volume damper |
| F30-43.25.20 | 风管止网阀 | check damper |
| F30-43.25.25 | 密闭阀 | sealed damper |
| F30-43.25.30 | 定风量调节器 | constant-air-volume control damper |
| F30-43.25.35 | 防火、排烟阀 | fire-resisting, smoke exhaust clamper |
| F30-43.25.35.10 | 防火阀 | fire-resisting damper |
| F30-43.25.35.20 | 防火调节阀 | fire-resisting control damper |
| F30-43.25.35.25 | 防烟防火阀 | fire& smoke-resisting damper |
| F30-43.25.35.30 | 排烟防火阀 | fire- resisting&-smoke exhaust damper |
| F30-43.25.35.40 | 排烟阀 | smoke exhaust damper |
| F30-43.30.00 | 空气净化装置 | hvac air cleaner |
| F30-43.30.03 | 粗效空气过滤器 | roughing filter |
| F30-43.30.06 | 中效空气过滤器 | medium efficiency filter |
| F30-43.30.09 | 高中效空气过滤器 | high efficiency air filter |
| F30-43.30.13 | 亚高效空气过滤器 | sub high efficiency air filter |
| F30-43.30.16 | 高效空气过滤器 | high efficiency particulate air filter |
| F30-43.30.19 | 超高效空气过滤器 | super efficiency air filler |
| F30-43.30.23 | 高效空气过滤机组 | hepa filter units |
| F30-43.30.26 | 静电空气过滤器 | electrostatic air filter |
| F30-43.30.29 | 化学空气过滤器 | chemical air filler |
| F30-43.30.33 | 光触媒空气净化器 | photocatalyst air purifier |
| F30-43.30.36 | 紫外线杀菌器 | ultraviolet sterilizer |
| F30-43.30.39 | 厨房油烟净化装置 | fume purifying device |
| F30-43.35.00 | 局部净化设备 | regional air cleaners |
| F30-43.35.10 | 净化工作台 | micro bench |
| F30-43.35.20 | 层流罩 | laminar hood |
| F30-43.35.30 | 自净器 | self-cleaning air cleaner |
| F30-43.35.40 | 装配式洁净室 | assemble cleanroom |
| F30-43.40.00 | 防、排烟系统建筑部品 | exhaust system products |
| F30-43.40.10 | 电动排烟窗 | electric vent window |
| F30-43.40.20 | 挡烟垂壁 | smoke screen |
| F30-44.00.00  (F14-30.00.00) | 空调 | air conditioning |
| F30-44.10.00  (F14-30.30.03.12) | 组合式空调机组 | combined type air conditioning unit |
| F30-44.10.10 | 立式空调机组 | vertical air conditioning unit |
| F30-44.10.20 | 卧式空调机组 | horizontal air conditioning unit |
| F30-44.15.00 | 普通单元式空调机组 | general air conditioning units |
| F30-44.20.00 | 专用单元式空调机组 | dedicated air conditioning units |
| F30-44.20.10 | 恒温恒湿空调机组 | constant temperature humidity unit |
| F30-44.20.20 | 机房专用空调机组 | computer-room air conditioner |
| F30-44.25.00 | 多联式空调机 | multi-connected air conditioning unit |
| F30-44.25.10 | 变频多联式空调机 | inverter-driven multi connected air conditioning unit |
| F30-44.25.10.10 | 风冷变频多联式空调机 | air cooled inverter-driven multi con­nected air conditioning unit |
| F30-44.25.10.20 | 水冷变频多联式空调机 | waler cooled inverter driven multi- connected air conditioning unit |
| F30-44.25.20 | 数码涡旋多联式空调机 | digital variable multi-connected air conditioning unit |
| F30-44.30.00 | 房间空气调节器 | room air conditioners |
| F30-44.35.00 | 风机盘管机组 | fan coil unit |
| F30-44.35.10 | 卧式风机盘管机组 | horizontal fan-coil unit |
| F30-44.35.20 | 立式风机盘管机组 | vertical fan-coil unit |
| F30-44.35.30 | 柱式风机盘管机组 | column fan-coil unit |
| F30-44.35.40 | k式风机盘管机组 | crane fan coil unit |
| F30-44.35.50 | 壁挂式风机盘管机组 | wall hanging fan coil unit |
| F30-44.40.00 | 变风量末端装置 | variable-air-volume unit |
| F30-44.45.00 | 空气湿度控制装置 | humidity control equipment |
| F30-44.45.10 | 加湿器 | humidifier |
| F30-44.45.20 | 固体除湿器 | solid dehumidifier |
| F30-44.45.30 | 干式除湿器 | dry dehumidifier |
| F30-44.45.40 | 溶液除湿器 | solution dehumidifier |
| F30-44.50.00 | 冷媒输送设备 | coolant conveying equipment |
| F30-44.55.00 | 水系统管道阀门 | water system pipeline valve |
| F30-45.00.00 | 管道与设备绝热、防 腐 | duct and equipment insulation, an­ticorrosion |
| F30-45.10.00 | 管道与设备绝热材料 | duct and equipment insulation |
| F30-45.10.10 | 离心玻璃棉绝热制品 | centrifugal glass cotton insulation |
| F30-45.10.15 | 橡塑泡沫绝热制品 | rubber foam insulation |
| F30-45.10.20 | 硬质聚氨酯泡沫绝热制品 | polyurehane foam insulation |
| F30-45.10.25 | 岩棉与矿渣棉绝热制品 | rock wool and slag wool insulation |
| F30-45.10.30 | 憎水膨胀珍珠岩绝热制品 | expanded perlite insulation |
| F30-45.10.35 | 硅酸铝棉绝热制品 | aluminum silicate cotton insulation |
| F30-45.20.00 | 管道与设备防腐材料 | duct anticorrosion and hvac equip-ment anticorrosion |
| F30-46.00.00 | 噪声与振动控制 | noise and vibration control |
| F30-46.10.00 | 风系统消声器 | muffler |
| F30-46.10.10 | 阻性消声器 | resistive muffler |
| F30-46.10.20 | 抗性消声器 | resistance muffler |
| F30-46.10.30 | 阻抗复合型消声器 | impedance composite muffler |
| F30-46.20.00 | 隔声设施 | sound insulation facilities |
| F30-46.30.00 | 吸声减噪材料和构造 | sound absorption and noise reduction material and structure |
| F30-46.30.10 | 多孔材料 | porous material |
| F30-46.30.20 | 吸声结构 | sound absorbing structure |
| F30-46.30.30 | 空间吸声体 | functional absorber |
| F30-46.30.40 | 吸声尖劈 | wedge absorber |
| F30-46.40.00 | 设备隔振设施 | equipment isolation facilities |
| F30-46.50.00 | 管道隔振设施 | pipeline isolation facilities |
| F30-47.00.00 | 专用建筑专用管道系统 | special building dedicated pipeline system |
| F30-47.10.00 | 实验室和医疗设施压缩空气系统 | compressed air system of laboratory and medical facilities |
| F30-47.20.00 | 实验室和医疗设施真空系统 | vacuum system of laboratory and medical facilities |
| F30-47.30.00 | 医疗建筑氧气输送系统 | medical building oxygen delivery sys­tem |
| F30-47.40.00 | 实验室和医疗设施化学废料系统 | chemical waste system of laboratory and medical facilities |
| F30-48.00.00 | 燃气 | gas |
| F30-48.10.00 | 燃气调压装置 | regulator device |
| F30-48.10.10 | 调压箱（柜） | regulator box |
| F30-48.10.20 | 调压站 | regulator station |
| F30-48.20.00 | 燃气管道系统 | gas piping system |
| F30-48.20.10 | 燃气管道 | gas pipe |
| F30-48.20.20 | 燃气阀门 | gas valve |
| F30-48.20.30 | 燃气表 | gas meter |
| F30-48.20.40 | 燃气安全装置 | gas safely device |
| F30-48.30.00 | 燃烧器具 | gas burning appliance |
| F30-50.00.00 | 供配电 | power supply |
| F30-50.10.00 | 高压配电 | high voltage electrical distribution |
| F30-50.10.10 | 高压成套柜 | high voltage electrical installation |
| F30-50.10.10.10 | 高压进线柜 | high voltage incoming cabinet |
| F30-50.10.10.15 | 高压进线隔离柜 | high voltage incoming isolation cabi­net |
| F30-50.10.10.20 | 高压联络柜 | high voltage contact cabinet |
| F30-50.10.10.25 | 高压计量柜 | high voltage measure cabinet |
| F30-50.10.10.30 | 高压馈线柜 | high voltage feeder cabinet |
| F30-50.10.10.35 | 高压电容补偿柜 | high voltage capacitance compensation cabinet |
| F30-50.10.20 | 高压元器件 | high voltage component |
| F30-50.10.20.10 | 高压断路器 | high voltage circuit-breaker |
| F30-50.10.20.13 | 高压隔离开关 | high voltage isolation switch |
| F30-50.10.20.16 | 高压负荷开关 | high voltage load switch |
| F30-50.10.20.19 | 高压接触器 | high voltage contacts |
| F30-50.10.20.23 | 高压熔断器 | high voltage fuses |
| F30-50.10.20.26 | 操动机构 | actuator |
| F30-50.10.20.29 | 高压绝缘子 | high voltage insulator |
| F30-50.10.20.33 | 高压电压互感器 | high voltage transformer |
| F30-50.10.20.36 | 高压电流互感器 | high voltage current transformer |
| F30-50.10.20.39 | 高压避雷器 | high voltage lightning arrester |
| F30-50.10.20.43 | 接地开关 | earthing switch |
| F30-50.10.20.46 | 带电显示器 | presence indicating system |
| F30-50.10.20.49 | 接地变压器 | earthing transformer |
| F30-50.10.30 | 数据采集与监视控制系统 | supervisory control and data acquisition |
| F30-50.10.40 | 辅助装置 | assistive system |
| F30-50.10.30.10 | 控制及继电保护装置 | control and relaying protection device |
| F30-50.10.30.20 | 直流电源屏 | de power supply panel |
| F30-50.10.30.30 | 所用电源系统 | the power supply system |
| F30-50.20.00 | 低压配电 | low voltage electrical distribution |
| F30-50.20.10 | 低压成套柜 | low voltage electrical installation |
| F30-50.20.10.10 | 低压进线柜 | low voltage incoming cabinet |
| F30-50.20.10.15 | 低压联络柜 | low voltage contact cabinet |
| F30-50.20.10.20 | 低压计量柜 | low voltage measure cabinet |
| F30-50.20.10.25 | 低压馈线柜 | low voltage feeder cabinet |
| F30-50.20.10.30 | 双电源切换柜 | dual power cutover box |
| F30-50.20.10.35 | 低压控制柜 | low voltage control cabinet |
| F30-50.20.20 | 低压配电箱 | low voltage power distribution box |
| F30-50.20.20.10 | 照明配电箱 | illumination power distribution box |
| F30-50.20.20.20 | 动力配电箱 | dynamic power distribution box |
| F30-50.20.20.30 | 起动控制箱 | starting control box |
| F30-50.20.20.40 | 双电源切换箱 | dual power cutover box |
| F30-50.20.30 | 低压元器件 | low voltage component |
| F30-50.20.30.10 | 低压断路器 | low voltage circuit-breaker |
| F30-50.20.30.15 | 低压负荷开关 | low voltage load switch |
| F30-50.20.30.20 | 低压隔离开关 | low voltage isolation switch |
| F30-50.20.30.25 | 电源切换开关 | power cutover switch |
| F30-50.20.30.30 | 剩余电流保护器 | leakage current protector |
| F30-50.20.30.35 | 低压接触器 | low voltage contactor |
| F30-50.20.30.40 | 低压继电器 | low voltage relay |
| F30-50.20.30.45 | 熔断器组合电器 | fuse combination |
| F30-50.20.30.50 | 电机起动器 | motor-starter |
| F30-50.20.30.55 | 电动机保护器 | motor-protector |
| F30-50.20.30.60 | 电工测量仪表 | electrical measuring instrument |
| F30-50.20.40 | 电能质址调节装置 | power quality conditioner |
| F30-50.20.40.10 | 无功补偿装置 | reactive power compensation device |
| F30-50.20.40.20 | 有源滤波装置 | active power filter |
| F30-50.20.40.30 | 无源滤波装置 | passive filter |
| F30-50.20.40.40 | 动态电压调节.器 | dynamic voltage regulator |
| F30-50.30.00  (F14-50.10.18.09) | 变压器 | transformer |
| F30-50.30.10 | 干式变压器 | dry-type transformer |
| F30-50.30.10.10 | 环氧树脂干式变乐器 | epoxy resin dry-type transformer |
| F30-50.30.10.20 | 非晶合金广式变压器 | amorphous alloy dry-type transformer |
| F30-50.30.20 | 油浸式变压器 | oil-immersed transformer |
| F30-50.30.20.10 | 油浸向冷式变压器 | oil-immersed self-cooled transformer |
| F30-50.30.20.20 | 全密封油浸式变压器 | fully scaled oil-immersed transformer |
| F30-50.30.20.30 | 全密闭油浸式变压器 | fully enclosed oil-immersed trans­former |
| F30-50.30.20.40 | 非晶合金油浸式变压 器 | amorphous alloy oil-immersed trans­former |
| F30-50.30.30 | 成套变电站 | unit substation |
| F30-50.40.00 | 备用电源 | standby power |
| F30-50.40.10 | 发电机组 | engine generators |
| F30-50.40.10.10 | 柴油发电机组 | diesel generator set |
| F30-50.40.10.20 | 燃气发电机组 | gas generator set |
| F30-50.40.10 | 不间断电源装置 | uninterruptible power supply |
| F30-50.40.20 | 应急电源装置 | emergency power supply |
| F30-50.40.30 | 太阳光伏发电系统 | solar photovoltaic power generation system |
| F30-50.40.40 | 风力发电系统 | wind energy system |
| F30-51.00.00  (F14-50.10.12) | 照明 | lighting |
| F30-51.10.00 | 电光源 | electric light source |
| F30-51.10.10 | 卤钨灯 | tungsten halogen lamp |
| F30-51.10.10.10 | 照明管型卤钨灯 | lighting tube tungsten halogen lamp |
| F30-51.10.10.20 | 卤钨航标灯泡 | tungsten halogen beacon bulb |
| F30-51.10.10.30 | 卤钨跑道灯泡 | tungsten halogen runway bulb |
| F30-51.10.10.40 | 照明单端卤钨灯 | single-ended tungsten halogen lamp |
| F30-51.10.10.50 | 照明反射型卤钨灯 | reflective tungsten halogen lamp |
| F30-51.10.15 | 低气压荧光灯 | low air pressure fluorescent lamp |
| F30-51.10.15.10 | 宜管荧光灯 | straight pipe fluorescent lamp |
| F30-51.10.15.20 | 快速启动荧光灯 | quick start fluorescent lamp |
| F30-51.10.15.30 | 瞬时启动荧光灯 | instant start fluorescent lamp |
| F30-51.10.15.40 | U形荧光灯 | u-type fluorescent lamp |
| F30-51.10.15.50 | 环型荧光灯 | ring type fluorescent lamp |
| F30-51.10.20 | 低气压紫外灯 | low air pressure ultraviolet lamp |
| F30-51.10.20.10 | 紫外杀菌灯 | uv germicidal lamp |
| F30-51.10.20.20 | 紫外保健灯 | uv health lamp |
| F30-51.10.20.30 | 黑光荧光灯 | blacklight fluorescent |
| F30-51.10.20.40 | 直管型石英紫外灯 | straight quartz uv lamp |
| F30-51.10.20.50 | U形石英紫外灯 | U-shaped quartz uv lamp |
| F30-51.10.25 | 高压汞灯 | high-pressure mercury lamp |
| F30-51.10.25.10 | 荧光高压汞灯 | fluorescent high-pressure mercury lamp |
| F30-51.10.25.20 | 白镇流荧光高压汞灯 | self-ballasted fluorescent high-pres­sure mercury lamp |
| F30-51.10.25.30 | 专用高压汞灯 | dedicated high-pressure mercury lamp |
| F30-51.10.30 | 钠灯 | high-pressure sodium vapour lamps |
| F30-51.10.30.10 | 透明型高压钠灯 | transparent high-pressure sodium lamp |
| F30-51.10.30.15 | 漫射型高压钠灯 | diffuse high-pressure sodium lamp |
| F30-51.10.30.20 | 反射型高压钠灯 | reflective high-pressure sodium lamp |
| F30-51.10.30.25 | 中显色高压钠灯 | moderale cri high-pressure sodium lamp |
| F30-51.10.30.30 | 高显色高压钠灯 | high cri high-pressure sodium lamp |
| F30-51.10.30.35 | 低压钠灯 | low-pressure sodium lamp |
| F30-51.10.35 | 金属卤化物灯 | metal halide lamp |
| F30-51.10.35.10 | 照明金属卤化物灯 | lighting metal- halide lamp |
| F30-51.10.35.20 | 双石英金属卤化物灯 | double quartz metal-halide lamp |
| F30-51.10.35.30 | 高色温金属卤化物灯 | high color temperature metal-halide lamp |
| F30-51.10.40 | LED （发光二极管） | LED (light-emitting lamp) |
| F30-51.10.40.10 | 灯杯 | lamp cup |
| F30-51.10.40.20 | 铝灯 | aluminum lamp |
| F30-51.10.40.30 | 球泡灯 | bulb |
| F30-51.10.40.40 | 日光管 | fluorescent tube |
| F30-51.10.45 | 无极灯 | electrodeless lamp |
| F30-51.10.50 | 照明光纤 | fiber-optic lighting |
| F30-51.20.00 | 照明灯具 | lighting luminaire |
| F30-51.20.10 | 室内照明灯具 | indoor lighting luminaire |
| F30-51.20.10.03 | 吊灯 | chandelier |
| F30-51.20.10.06 | 吸顶灯 | ceiling |
| F30-51.20.10.09 | 壁灯 | wall lamp |
| F30-51.20.10.13 | 嵌入式灯 | recessed light |
| F30-51.20.10.16 | 暗槽灯 | cove light |
| F30-51.20.10.19 | 洗墙灯 | wall washer |
| F30-51.20.10.23 | 筒灯 | Downlight |
| F30-51.20.10.26 | 射灯 | spol light |
| F30-51.20.10.29 | 台灯 | table lamp |
| F30-51.20.10.33 | 落地灯 | floor lamp |
| F30-51.20.10.36 | 装饰性吊花灯 | decorative hanging lantern |
| F30-51.20.10.39 | 应急照明灯 | emergency lighting |
| F30-51.20.10.43 | 室内投光灯 | indoor spotlight |
| F30-51.20.10.46 | 洁净灯 | clean light |
| F30-51.20.10.49 | 室内LED光源体化灯 | indoor integrated LED light fixture |
| F30-51.20.10.53 | 泛光灯 | floodlight |
| F30-51.20.10.59 | 景观灯带 | led landscape lamp |
| F30-51.20.20 | 室外照明灯具 | outdoor lighting luminaire |
| F30-51.20.20.03 | 高杆灯 | high-pole light |
| F30-51.20.20.06 | 室外投光灯 | outdoor spotlight |
| F30-51.20.20.09 | 隧道灯 | tunnel light |
| F30-51.20.20.13 | 庭院灯 | courtyard light |
| F30-51.20.20.16 | 草坪灯 | lawn light |
| F30-51.20.20.19 | 埋地灯 | buried light |
| F30-51.20.20.23 | 幕墙灯 | wall light |
| F30-51.20.20.26 | 障碍灯 | obstacle lights flash station |
| F30-51.20.20.29 | 机场跑道灯 | airport runway light |
| F30-51.20.20.33 | 水下灯 | underwater light |
| F30-51.20.20.36 | 护栏扶手灯 | guardrail handrail light |
| F30-51.20.20.39 | 线条灯 | line light |
| F30-51.20.20.43 | 高天棚灯 | high ceiling lamp |
| F30-51.20.20.46 | 室外LED光源一体化灯 | outdoor integrated LED light fixture |
| F30-51.20.20.49 | 光伏电源一体化灯 | integrated photovoltaic light fixture |
| F30-51.30.00 | 照明附件 | lighting accessories |
| F30-51.40.00 | 通断开关及接插件 | on-off switch and connector |
| F30-51.40.10 | 通断开关 | on-off switch |
| F30-51.40.10.10 | 翘板式开关 | nicker switch |
| F30-51.40.10.15 | 廿式开关 | cassette switch |
| F30-51.40.10.20 | 触摸式开关 | touch “witch |
| F30-51.40.10.25 | 声光控开关 | sound and light control switch |
| F30-51.40.10.30 | 组合开关 | rotary switch |
| F30-51.40.10.35 | 遥控开关 | remote switch |
| F30-51.40.20 | 接插件 | connector |
| F30-51.40.20.10 | 插座 | socket-outlet |
| F30-51.40.20.20 | 工业连接器 | industry connector |
| F30-51.40.30 | 调节器 | regulator |
| F30-51.40.30.10 | 调光装置 | dimming device |
| F30-51.40.30.20 | 调速装置 | speeder |
| F30-51.50.00 | 舞含照明设备 | stage lighting equipment |
| F30-51.50.10 | 舞台灯具 | stage lighting |
| F30-51.50.10.03 | 聚光灯 | spot light |
| F30-51.50.10.06 | 追光灯 | follow spot light |
| F30-51.50.10.09 | 柔光灯 | soft light |
| F30-51.50.13 | 投影幻灯 | projection magic lantern |
| F30-51.50.16 | 地排散光灯 | floodlight |
| F30-51.50.10.19 | 回光灯 | back lighting |
| F30-51.50.10.23 | 激光器 | laser |
| F30-51.50.10.26 | 电脑灯 | moving light |
| F30-51.50.10.29 | 成像灯 | imaging light |
| F30-51.50.10.33 | 散光灯 | stage foot light |
| F30-51.50.10.36 | 舞台脚光灯 | ceiling beam floodlight |
| F30-51.50.10.39 | 天排散光灯 | ground row floodlight |
| F30-51.50.10.43 | 转角式换色器 | corner type color changer |
| F30-51.50.20 | 舞台调光设备 | light dimmer |
| F30-51.50.30 | 导轨及配件 | guide rail and accessories |
| F30-52.00.00 | 防雷及接地 | lightning protection and ground connection |
| F30-52.10.00 | 浪涌保护器 | surge protector |
| F30-52.10.10 | 电源浪涌保护器 | primary surge protector |
| F30-52.10.20 | 信号线路浪涌保护器 | secondary surge protector |
| F30-52.10.30 | 天馈线路浪涌保护器 | third stage surge protector |
| F30-52.20.00 | 防雷装置 | surge arrester |
| F30-52.20.10 | 内部防雷装置 | indoor surge arrester |
| F30-52.20.20 | 外部防雷装置 | outdoor surge arrester |
| F30-52.30.00 | 接地模块 | grounding module |
| F30-52.40.00 | 降阻剂 | resistance reduction agent |
| F30-53.00.00 | 输配电器材 | transmission and distribution equip­ment |
| F30-53.10.00 | 封闭母线及电缆池线 | enclosed bus and wire or cable |
| F30-53.10.10 | 封闭母线 | enclosed bus |
| F30-53.10.10.10 | 树脂绝缘封闭母线 | resin insulation enclosed bus |
| F30-53.10.10.20 | 空气绝缘封闭母线 | air insulated enclosed bus |
| F30-53.10.20 | 电缆 | cable |
| F30-53.10.20.10 | 矿物绝缘电缆 | mineral insulated cable |
| F30-53.10.20.15 | 柔性矿物绝缘电缆 | flexible mineral insulated cable |
| F30-53.10.20.20 | 低烟无卤电缆 | low-smoke halogen-free flame cable |
| F30-53.10.20.25 | 交联聚乙烯绝缘聚氯乙烯护套电力电缆 | power cable with cross-linked poly­ethylene insulation PVC sheath |
| F30-53.10.20.30 | 聚乙烯绝缘聚氯乙烯护套电力电缆 | power cable with poly­ethylene insula­tion PVC sheath |
| F30-53.10.20.35 | 聚乙烯绝缘聚氯乙烯护套控制电缆 | control cable with polyethylene insu­lation PVC sheath |
| F30-53.10.20.40 | 橡套电缆 | rubber cable |
| F30-53.10.30 | 预分支电力电缆 | prefabricated branch power cable |
| F30-53.10.40  (F14-50.40.03) | 电线 | wire |
| F30-53.10.40.10 | 铜芯聚氯乙烯绝缘电 线 | copper-conductor and PVC insulation wire |
| F30-53.10.40.20 | 铜芯聚氯乙烯绝缘聚 氯乙烯护套圆形护套电 线 | copper core PW insulated and PVC sheathed circular sheathed wire |
| F30-53.10.40.30 | 低烟无卤电线 | low-smoke halogen-free flame wire |
| F30-53.10.40.40 | 聚氯乙烯绝缘屏蔽线 | PVC insulation |
| F30-53.10.50 | 电线、电缆附件 | wire and cable accessories |
| F30-53.20.00 | 电缆电线敷设器材 | cable installation material |
| F30-53.20.10 | 电缆桥架 | made cable support system |
| F30-53.20.10.10 | 封闭式桥架 | enclosed cable support system |
| F30-53.20.10.20 | 敞开式桥架 | open cable support system |
| F30-53.20.10.30 | 托架 | bracket |
| F30-53.20.20 | 线槽 | trunking |
| F30-53.20.20.10 | 金属线槽 | metal trunking |
| F30-53.20.20.20 | 非金属线槽 | non-metallic trunking |
| F30-53.20.30 | 电线、电缆配线管材 | wire and cable pipe |
| F30-53.20.30.10 | 配线用焊接钢管 | welded steel pipe for wire and cable |
| F30-53.20.30.20 | 套接扣压式薄壁钢管 | swaged socket thin-wall steel pipe |
| F30-53.20.30.30 | 聚氯乙烯硬质电线管 | PVC rigid wire pipe |
| F30-53.20.30.40 | 可挠性金属软管 | flexible metal hose |
| F30-54.00.00 | 智能化集成 | intelligent integrated |
| F30-54.10.00 | 系统集成软件 | integration soft ware |
| F30-54.10.10 | 通用软件 | common software |
| F30-54.10.20 | 专用软件 | special software |
| F30-54.20.00 | 系统集成硬件 | integration hardware |
| F30-54.20.10 | 主机设备 | host equipment |
| F30-54.20.10.10 | 服务器 | server |
| F30-54.20.10.20 | 管理机 | supervisory computer |
| F30-54.20.10.30 | 工作站 | workstation |
| F30-54.20.20 | 显示屏 | display scree |
| F30-54.20.30 | 存储器 | storage |
| F30-54.30.00 | 接口装置 | interface device |
| F30-55.00.00 | 通信、信息 | communication and information sys­tem |
| F30-55.10.00 | 通信接入设备 | communication access device |
| F30-55.10.10 | 机柜 | equipment cabinet |
| F30-55.10.20 | 过电压保护器 | overvoltage protector |
| F30-55.15.00 | 电话交换设备 | phone switching equipment |
| F30-55.15.10 | 电话交换机 | program controlled switches |
| F30-55.15.10.10 | 模拟电话交换机 | analog telephone exchange |
| F30-55.15.10.20 | 数字电话交换机 | digital telephone exchange |
| F30-55.15.20 | 配线柜（箱） | distribution cabinet |
| F30-55.15.30 | 普通电话机 | telephone |
| F30-55.15.40 | 数字电话机 | digital telephone |
| F30-55.15.50 | 传真机 | fax |
| F30-55.20.00 | 信息网络设备 | information network device |
| F30-55.20.10 | 核心交换机 | core switch |
| F30-55.20.15 | 接入交换机 | access switch |
| F30-55.20.20 | 无线交换机 | wireless switch |
| F30-55.20.25 | 防火墙 | firewall |
| F30-55.20.30 | 路由器 | router |
| F30-55.20.35 | 集线器 | concentrator |
| F30-55.20.40 | 上网行为管理系统 | network supervision system |
| F30-55.25.00 | 综合布线系统设备 | integrated wiring system equipment |
| F30-55.25.10 | 配线架 | distributing frame |
| F30-55.25.10.10 | 电子配线架 | electronic wiring frame |
| F30-55.25.10.20 | 光纤配线架 | fibre distribution frame |
| F30-55.25.10.30 | 电缆配线架 | cable distributor |
| F30-55.25.15 | 光纤 | optical fibre |
| F30-55.25.20 | 光纤耦合器 | fibre coupler |
| F30-55.25.25 | 光缆转换器 | cable converter |
| F30-55.25.30 | 大对数电缆 | a large number of cables |
| F30-55.25.35 | 双绞线 | twisted-pair |
| F30-55.25.40 | 信息模块 | information module |
| F30-55.25.45 | 信息面板 | information panel |
| F30-55.30.00 | 无线对讲设备 | wireless intercom equipment |
| F30-55.30.10 | 中转台 | the transfer station |
| F30-55.30.20 | 双工器 | duplexer |
| F30-55.30.30 | 对讲机 | intercom |
| F30-55.35.00 | 移动通信覆蕊设备 | mobile communication cover equipment |
| F30-55.35.10 | 移动通信光端机 | mobile communication optical trans­mitter and receiver |
| F30-55.35.20 | 无线接入器 | wireless access device |
| F30-55.35.30 | 电耦合器 | electric coupling |
| F30-55.35.40 | 电分（合）路器 | shunt |
| F30-55.35.50 | 通信天线 | communication antenna |
| F30-55.40.00 | 卫星通信设备 | satellite communication equipment |
| F30-55.40.10 | 卫星通信天线 | satellite communication antenna |
| F30-55.40.20 | 卫星双向通信控制器 | bidirectional communication control­ler for satellite |
| F30-55.40.30 | 卫星调制解调器 | satellite modem |
| F30-55.45.00 | 有线电视及卫星电视 接收设备 | cable and satellite iv receiving equip­ment |
| F30-55.45.10 | 卫星电视天线 | satellite tv antenna |
| F30-55.45.15 | 数字接收机 | digital receiver |
| F30-55.45.20 | 功分器 | power divider |
| F30-55.45.25 | 光端机 | optical transmitter and receiver |
| F30-55.45.30 | 编解码器 | codec |
| F30-55.45.35 | 有线电视出线盒 | cable outlet box |
| F30-55.45.40 | 分配器 | distributor |
| F30-55.45.45 | 分支器 | branch device |
| F30-55.45.50 | 放大器 | amplifier |
| F30-55.45.55 | 终端负载电阻 | the terminal load resistance |
| F30-55.45.60 | 电视信号面板 | television signal panel |
| F30-55.45.65 | 射频电缆 | radio-frequency cable |
| F30-55.50.00 | 会议扩声设备 | conference amplifying equipment |
| F30-55.50.03 | 会议主机 | conference host |
| F30-55.50.06 | 切换台 | switching station |
| F30-55.50.09 | 音频处理器 | audio processor |
| F30-55.50.13 | 调音台 | the mixer |
| F30-55.50.16 | 反馈抑制器 | feedback suppressor |
| F30-55.50.19 | 效果器 | effect |
| F30-55.50.23 | 耳机 | earphone |
| F30-55.50.26 | 功率放大器 | power amplifier |
| F30-55.50.29 | 话筒 | microphone |
| F30-55.50.33 | 扬声器 | loudspeaker |
| F30-55.50.36 | 前置放大器 | the preamplifier |
| F30-55.50.39 | 音量调节器 | volume regulator |
| F30-55.50.43 | 调谐器 | tuner |
| F30-55.50.46 | 网络音频控制器 | network audio controller |
| F30-55.55.00 | 信息发布系统设备 | information publishing system |
| F30-55.55.10 | 触摸屏 | touch screen |
| F30-55.55.15 | 投影机 | projector |
| F30-55.55.20 | 投影幕 | projection screen |
| F30-55.55.25 | 显示设备 | display device |
| F30-55.55.25.10 | CRT显示器 | CRT display |
| F30-55.55.25.20 | DLP显示器 | DLP display |
| F30-55.55.25.30 | LCD显示器 | LCD display |
| F30-55.55.25.40 | PDP显乐器 | PDP display |
| F30-55.55.25.50 | LED显示器 | LED display |
| F30-55.55.30 | 视频控制器 | video controller |
| F30-55.55.35 | 多画面切割器 | multi picture cutter |
| F30-55.60.00 | 时钟系统设备 | clock system equipment |
| F30-55.60.10 | 时钟控制计算机（含专用管理软件） | the clock control computer (including special software) |
| F30-55.60.15 | GPS接收装置 | global Positioning System (GPS) re­ceiving apparatus |
| F30-55.60.20 | 接口扩展单元 | interface unit |
| F30-55.60.25 | 时钟接口设备 | clock interface equipment |
| F30-55.60.30 | 母钟 | primary clock |
| F30-55.60.35 | 子钟 | secondary clock |
| F30-56.00.00 | 建筑设备管理 | const ruction equipment management system |
| F30-56.10.00 | 建筑设备监控系统设备 | building equipment control system |
| F30-56.10.10 | 传感器 | sensor |
| F30-56.10.10.10 | 温度传感器 | temperature sensor |
| F30-56.10.10.15 | 湿度传感器 | moisture sensor |
| F30-56.10.10.20 | 压力传感器 | pressure pickup |
| F30-56.10.10.25 | 浓度传感器 | concentration sensor |
| F30-56.10.10.30 | 液位传感器 | liquid level sensor |
| F30-56.10.10.35 | 流量变送器 | flow transmitter |
| F30-56.10.10.40 | 差压变送器 | differential pressure transmitter |
| F30-56.10.20 | 现场控制器 | the controller |
| F30-56.10.30 | 模块 | module |
| F30-56.10.30.10 | 模拟量输入（AI） 模块 | analog input (AI) module |
| F30-56.10.30.20 | 模拟量输出（AO） 模块 | analog output (AO) module |
| F30-56.10.30.30 | 数字量输入（DI）模 块 | digital input (DI) module |
| F30-56.10.30.40 | 数字量输出（DO） 模块 | digital output (IX)) module |
| F30-56.10.40 | 执行器 | actuator |
| F30-56.10.40.10 | 阀门执行器 | valve actuator |
| F30-56.10.40.20 | 风门执行器 | damper actuator |
| F30-56.10.50 | 建筑设备控制主机（含专用管理软件） | the building equipment control host (including special management soft­ware) |
| F30-56.20.00 | 建筑能效监管系统设备 | energy efficiency supervision system |
| F30-56.20.10 | 数据采集器 | data recorder |
| F30-56.20.20 | 能效监管主机（含专用管理软件） | energy efficiency supervision host C including special management soft- ware) |
| F30-57.00.00 | 公共安全 | the public security system |
| F30-57.10.00 | 火灾臼动报警及消防 联动控制系统设备 | automatic fire alarm and coordinated control system |
| F30-57.10.10 | 探测器 | detector |
| F30-57.10.10.10 | 点型探测器 | point type detector |
| F30-57.10.10.20 | 线电探测器 | linear detector |
| F30-57.10.10.30 | 早期火灾预警探测器 | early warning fire detector |
| F30-57.10.10.40 | 有害气体泄漏探测器 | harmful gas leakage detector |
| F30-57.10.15 | F动报警按钮 | manual alarm button |
| F30-57.10.20 | 楼层显示装置 | floor display device |
| F30-57.10.25 | 报警控制模块 | alarm control module |
| F30-57.10.25.10 | 输入报警控制模块 | input alarm control module |
| F30-57.10.25.20 | 输出报警控制模块 | alarm output control module |
| F30-57.10.25.30 | 输入输出模块 | input and output module |
| F30-57.10.30 | 报警显示盘 | alarm display panel |
| F30-57.10.35 | 报警主机（含专用管 理软件） | alarm host (including special manage­ment software) |
| F30-57.10.40 | 报警控制器 | alarm controller |
| F30-57.10.40.10 | 区域报警控制器 | regional alarm controller |
| F30-57.10.40.20 | 集中报警控制器 | concentrated alarm controller |
| F30-57.10.45 | 消防控制台 | fire control console |
| F30-57.10.45.10 | 联动控制柜（台） | linkage control cabinet (console) |
| F30-57.10.45.20 | 手动控制台 | handheld console |
| F30-57.10.50 | 消防巡检柜 | fire inspection cabinet |
| F30-57.10.55 | 火灾警报装置 | the fire alarm device |
| F30-57.10.60 | 火灾应急广播 | fire emergency broadcast |
| F30-57.10.60.10 | 消防专用扬声器 | the fire special speaker |
| F30-57.10.60.20 | 楼层切换器 | floor switcher |
| F30-57.10.60.30 | 扩音机 | amplifier |
| F30-57.10.60.40 | 消防专用话筒 | the fire special microphone |
| F30-57.10.65 | 消防专用电话 | fire special telephone |
| F30-57.10.65.10 | 消防专用电话插孔 | fire special telephone jack |
| F30-57.10.65.20 | 消防专用电话分机 | fire special telephone extension |
| F30-57.10.65.30 | 消防专用电话主机 | fire special telephone host |
| F30-57.20.00 | 安全防范系统设备 | security and protection system |
| F30-57.20.10 | 视频监控系统 | video monitoring system |
| F30-57.20.10.10 | 视频监控主机 | video monitoring host |
| F30-57.20.10.15 | 视频传输电缆 | video transmission cable |
| F30-57.20.10.20 | 监控摄像机 | surveillance camera |
| F30-57.20.10.25 | 监控用镜头 | monitoring camera lens |
| F30-57.20.10.30 | 云台 | PTZ |
| F30-57.20.10.35 | 云台控制器 | PTZ controller |
| F30-57.20.10.40 | 视频显示设备 | video display device |
| F30-57.20.10.45 | 视频存储设备 | video storage device |
| F30-57.20.15 | 出人口控制系统 | entrance control system |
| F30-57.20.15.10 | 出入口控制主机 | entrance control host |
| F30-57.20.15.20 | 身份识别装置 | the identification device |
| F30-57.20.15.30 | 出门按钮 | push button |
| F30-57.20.15.40 | 电锁 | electric lock |
| F30-57.20.20 | 入侵报警系统 | intrusion alarm system |
| F30-57.20.20.10 | 人侵报警主机 | intrusion alarm host |
| F30-57.20.20.15 | 微波探测器 | microwave detector |
| F30-57.20.20.20 | 主动式红外探测器 | active infrared detector |
| F30-57.20.20.25 | 被动式红外探测器 | passive infrared detector |
| F30-57.20.20.30 | 超许波探测器 | ultrasonic detector |
| F30-57.20.20.35 | 玻璃破碎探测器 | glass break detector |
| F30-57.20.20.40 | 双/三技术探测器 | double three detector |
| F30-57.20.20.45 | 入侵报警控制器 | intrusion alarm controller |
| F30-57.20.20.50 | 振动电缆探测器 | vibration of cable detector |
| F30-57.20.20.55 | 光纤探测器 | optical fiber detector |
| F30-57.20.20.60 | 电子围栏 | electronic fence |
| F30-57.20.25 | 访客对讲系统 | lhe intercom system |
| F30-57.20.25.10 | 访客对讲控制主机 | intercom control host |
| F30-57.20.25.20 | 室外机 | lhe outdoor machine |
| F30-57.20.25.30 | 室内机 | the indoor machine |
| F30-57.20.30 | 电子巡杳系统 | electronic patrol system |
| F30-57.20.30.10 | 离线式电子巡查系统 设备 | ofMinc electronic patrol system c- quipment |
| F30-57.20.30.20 | 在线式电子巡查系统 设备 | online electronic patrol system equip- ment |
| F30-57.20.35 | 汽车库（场）管理系 统 | the garage (field) management sys­tem |
| F30-57.20.35.10 | 汽车库（场）管理系 统主机 | the garage (field) management sys­tem host |
| F30-57.20.35.15 | 停车发/读卡机 | stop hair / reader |
| F30-57.20.35.20 | 道闸 | the gate |
| F30-57.20.35.25 | 阻车桩 | vehicle resistance pile |
| F30-57.20.35.30 | 地感线圈 | induction coil |
| F30-57.20.35.35 | 停车管理软件 | the garage (field) management soft­ware |
| F30-57.20.35.40 | 满位显示屏 | full screen |
| F30-60.00.00 | 小区公共设施 | community utilities |
| F30-60.10.00 | 公用给水设施 | water utilities |
| F30-60.10.10 | 小区市政配水管道 | waler utilities distribution piping |
| F30-60.10.10.10 | 小区市政自来水输水管 | public water utility distribution piping |
| F30-60.10.10.20 | 小区市政消防给水管 | fire suppression utility water distribu­tion piping |
| F30-60.10.20 | 小区市政给水设备 | water utility distribution equipment |
| F30-60.10.20.10 | 小区市政给水系统阀部件 | waler service connection and valve |
| F30-60.10.20.20 | 给水泵站 | water utility pumping station |
| F30-60.10.20.30 | 市政消防设施 | fire suppression utility |
| F30-60.10.30 | 市政给水处理设备 | water-supply treatment equipment |
| F30-60.10.30.10 | 混合絮凝设备 | mixer and flocculator |
| F30-60.10.30.20 | 沉淀过滤设备 | deposition and filtration equipment |
| F30-60.10.30.30 | 药品添加设备 | chemical feed equipment |
| F30-60.10.30.40 | 水软化设备 | waler softening equipment |
| F30-60.10.40 | 市政给水构筑物 | waler utility structure |
| F30-60.10.40.10 | 取水构筑物 | intake structure |
| F30-60.10.40.20 | 水处理构筑物 | water treatment structure |
| F30-60.10.40.30 | 调蓄构筑物 | adjusting structure |
| F30-60.10.40.40 | 给水井 | waler supply well |
| F30-60.20.00 | 公用污水排水设施 | sanitary sewerage utilities |
| F30-60.20.10 | 污水排水管 | sanitary utility sewerage piping |
| F30-60.20.10.10 | 公共污水排水管 | public sanitary utility sewerage piping |
| F30-60.20.10.20 | 工业废水排水管 | industrial water utility sewerage1 pip­ing |
| F30-60.20.20 | 污（废）水处理设备 | fluid-waste real men l and disposal equip­ment |
| F30-60.20.20.10 | 格栅设备 | gird sewage equipment |
| F30-60.20.20.20 | 浮渣清理设备 | scum removal equipment |
| F30-60.20.20.25 | 化学/生化处理设备 | chemical/biochemical treatment equip­ment |
| F30-60.20.20.30 | 污泥处理设备 | sludge handing and treatment equip­ment |
| F30-60.20.20.35 | 除油设备 | oil removal equipment |
| F30-60.20.20.40 | 过滤加压设备 | filter press equipment |
| F30-60.20.20.45 | 充氧设备 | aeration equipment |
| F30-60.20.20.50 | 污泥消化设备 | sludge digestion equip­ment |
| F30-60.20.20.55 | 成套污水处理设备 | package sewage treatment plant |
| F30-60.30.00 | 雨水排水设施 | storm drainage utilities |
| F30-60.30.10 | 雨水排水管 | storm utility drainage piping |
| F30-60.30.20 | 涵洞 | culvert |
| F30-60.30.20.10 | 管涌 | pipe culvert |
| F30-60.30.20.20 | 混凝土涵洞 | concrete culvert |
| F30-60.30.30 | 雨水排水构筑物 | storm utility water drains structure |
| F30-60.30.30.10 | 雨水口 | catch basins |
| F30-60.30.30.20 | 雨水明沟 | utility trench drain |
| F30-60.30.30.30 | 雨水检查井 | manhole |
| F30-60.30.30.40 | 雨水池 | rain water storage lank |
| F30-60.40.00 | 市政中水设施 | reclaimed water utility |
| F30-60.40.10 | 市政中水配水管道 | reclaimed waler distribution piping of utility |
| F30-60.40.20 | 市政中水配水设备 | reclaimed water distribution equipment of utility |
| F30-60.40.30 | 市政中水处理设施 | reclaimed water process utility |
| F30-60.40.30.10 | 市政中水物化处理设施 | physical and chemical process facility of reclaim water utility |
| F30-60.40.30.20 | 市政中水生化处理设施 | biochemical process facility of reclaim water utility |
| F30-60.50.00 | 市政燃气设备 | municipal gas equipment |
| F30-60.50.10 | 市政燃气调压装置 | regulator device |
| F30-60.50.15 | 控制阀门 | control valve |
| F30-60.50.20 | 燃气管道补偿器 | gas pipe expansion joint |
| F30-60.50.25 | 疏水装置 | steam trap connection |
| F30-60.50.30 | 凝水缸 | syphon |
| F30-60.50.35 | 放散装置 | vent valve connection |
| F30-60.50.40 | 燃气储藏设备 | gas storage equipment |
| F30-60.50.45 | 储气罐 | gasholder |
| F30-60.50.45.10 | 低压储气罐 | low pressure gasholder |
| F30-60.50.45.20 | 高压储气罐 | high pressure gasholder |
| F30-60.50.50 | 液化石油气设备 | Ipg equipment |
| F30-60.50.50.10 | 气化设备 | vaporizer |
| F30-60.50.50.20 | 液化石油气储存设备 | Ipg storage |
| F30-60.60.00 | 市政供暖设备 | municipal heating equipment |
| F30-60.60.10 | 供热管线 | heat-supply pipeline |
| F30-60.60.10.10 | 管道 | piping |
| F30-60.60.10.20 | 管道支座和支架 | pipe support and pipe trestle |
| F30-60.60.10.30 | 管道阀部件 | connection and valve |
| F30-60.60.20 | 区域锅炉房设备 | regional boiler room equipment |
| F30-60.60.30 | 区域热力站设备 | branch-line substation equipment |
| F30-61.00.00 | 人防设施 | facility civil air defence |
| F30-61.10.00 | 人防给水排水设备及 部件 | civil air defence plumbing facility and parts |
| F30-61.10.10 | 人防给水排水阀部件 | civil air defence plumbing valve and parts |
| F30-61.10.10.10 | 防爆波阀 | blastproof valve |
| F30-61.10.10.20 | 防爆波地漏 | blast proof floor drain |
| F30-61.10.20 | 人防给水排水设备 | civil air defence plumbing equipment |
| F30-61.20.00 | 人防通风设备 | ventilation equipment for civil air de­fence |
| F30-61.20.10 | 人防通风阀、部件 | ventilation valve and part for civil air defence |
| F30-61.20.10.10 | 人防密闭阀 | airtight valve for civil air defence |
| F30-61.20.10.20 | 自动排气活门 | automatic exhaust valve |
| F30-61.20.10.30 | 过滤吸收器 | gas paniculate filter |
| F30-61.20.10.40 | 粗过滤器 | roughing filter |
| F30-61.20.20 | 人防通风机 | fans of civil air defence |
| F30-61.30.00 | 人防出入口设施 | entrance of civil air defence |
| F30-61.30.10 | 防护密闭门 | airtight blast door |
| F30-61.30.20 | 密闭门 | airtight door |
| F30-61.30.30 | 防倒塌棚栗 | collapse-proof shed |
| F30-61.40.00 | 人防电气设备 | electrical equipment for civil air de­fense |
| F30-61.40.10 | 无油防潮高压成套柜 | oil-free and anti-moisture high volt- age electrical installation |
| F30-61.40.20 | 无油防潮低压成套柜 | oil-free and anti-moisture low-voltage electrical installation |
| F30-61.40.30 | 无油防潮变压器 | oil-free and anti-moisture transformer |

#### A.0.10组织角色宜按表A.0.10进行分类和编码。

注：在国标表31内容中筛选、补充；（红色为原国标上新增内容）

表A.0.10组织角色

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F31-30.10.00 | 公司机关层级 | company organization hierarchy |
| F31-30.10.10 | 决策层 | decision-making hierarchy |
| F31-30.10.10.10 | 董事长 | chairman |
| F31-30.10.10.15 | 总经理 | general manager |
| F31-30.10.10.20 | 副总经理 | vice general manager |
| F31-30.10.10.25 | 总会计师 | chief accountant |
| F31-30.10.10.30 | 总工程师 | chief engineer |
| F31-30.10.20 | 高级管理层 | senior management |
| F31-30.10.20.10 | 助理总经理 | general manager assistant |
| F31-30.10.20.20 | 部门总经理 | general manager of department |
| F31-30.10.20.25 | 部门副总经理 | vice general manager of department |
| F31-30.10.30 | 经理层 | manager hierarchy |
| F31-30.10.30.10 | 资深经理 | veteran manager |
| F31-30.10.30.20 | 高级经理 | senior manager |
| F31-30.10.40 | 主管层 | executive hierarchy |
| F31-30.10.40.10 | 执行经理 | executive manager |
| F31-30.10.40.20 | 经营经理 | business manager |
| F31-30.10.40.30 | 主管 | director |
| F31-30.10.40.35 | 班长 | monitor of the class |
| F31-30.10.50 | 业务层 | business hierarchy |
| F31-30.10.50.10 | 业务员 | clerk |
| F31-50.00.00 | 使用角色 | user role |
| F31-50.10.00 | 业主 | owner |
| F31-50.10.10 | 自然人 | natural person |
| F31-50.10.20 | 法人 | legal person |
| F31-50.10.30 | 其他组织 | other organization |
| F31-60.00.00 | 支持角色 | supporting role |
| F31-60.20.00 | 专业服务角色 | professional service role |
| F31-60.20.10 | 专家 | expert |
| F31-60.20.15 | 顾问 | consultant |
| F31-60.20.20 | 资料员 | documenter |
| F31-60.20.25 | 测评机构 | assessment agencies |
| F31-60.20.26 | 调试机构 | commissioning agency |
| F31-60.20.27 | 核查机构 | verification institutions |
| F31-80.00.00 | 物业服务角色 | property Service Role |
| F31-80.10.00 | 工程技术角色 | engineering role |
| F31-80.10.10 | 验收监督员 | acceptance supervisor |
| F31-80.10.20 | 水暖工人 | the plumbers |
| F31-80.10.21 | 维修工人 | maintenance workers |
| F31-80.10.22 | 电梯工人 | the elevator workers |
| F31-80.10.23 | 配电工人 | distribution workers |
| F31-80.20.00 | 环境管理角色 | environmental Management Role |
| F31-80.20.10 | 绿化员 | green part |
| F31-80.20.20 | 保洁员 | cleaner |
| F31-80.30.00 | 安全管理角色 | security Management Role |
| F31-80.30.10 | 安全管理员 | security administrator |
| F31-80.30.15 | 程序维护员 | program maintainer |
| F31-80.30.20 | 车辆管理员 | car warden |
| F31-80.30.25 | 消防管理员 | fire warden |
| F31-80.30.30 | 保安员 | security guard |
| F31-80.30.35 | 监控管理员 | monitoring Administrator |
| F31-80.30.00 | 品管角色 | Qc role |
| F31-80.30.10 | 品管员 | quality controllers, |
| F31-80.30.15 | 服务监管员 | service Supervisor |
| F31-80.30.20 | 内审员 | internal auditors |
| F31-80.40.00 | 客户服务角色 | customer Service role |
| F31-80.40.10 | 接待员 | the receptionist |
| F31-80.40.15 | 收费员 | a cashier |
| F31-80.40.20 | 文员 | clerk |
| F31-80.40.25 | 档案管理员 | archivist |
| F31-80.50.00 | 市场服务角色 | market Service role |
| F31-80.50.10 | 招商员 | china merchants member |
| F31-80.50.15 | 投标专员 | the tender commissioner |
| F31-80.50.20 | 市场发展专员 | market Development Specialist |
| F31-80.50.25 | 金融服务专员 | financial Services Specialist |
| F31-80.60.00 | 财务角色 | financial role |
| F31-80.60.10 | 会计 | accounting |
| F31-80.60.15 | 出纳 | the cashier |

#### A.0.11属性宜按表A.0.11进行分类和编码。

表A.0.11属性

|  |  |  |
| --- | --- | --- |
| **编码** | **类目中文** | **类目英文** |
| F41-01. 00. 00 | 识别特征 | identification properties |
| F41-01. 10. 00 | 设施识别 | facility identifications |
| F41-01. 10. 10 | 地点ID | site identity (ID) |
| F41-01. 10. 15 | 地点种类 | site type |
| F41-01. 10. 20 | 地标ID | landmark identity (ID) |
| F41-01. 10. 25 | 设施组 | facilities group |
| F41-01. 10. 30 | 设施名称 | facility name |
| F41-01. 10. 35 | 设施编号 | facility number |
| F41-01. 10. 40 | 街道地址 | street address |
| F41-01. 10. 45 | 街道名称 | street name |
| F41-01.10.50 | 邮政编码 | zip or postal code |
| F41-01. 20. 00 | 空间识别 | space identifications |
| F41-01. 20. 40 | 空间编号 | space number |
| F41-01. 20. 41 | 防火分区编号 | fire Zone number |
| F41-01. 20. 42 | 人防区编号 | man defense area number |
| F41-01. 20. 45 | 空调采暖空间编号 | HVAC area number |
| F41-01. 20. 46 | 非空调采暖空间编号 | non-HVAC area number |
| F41-01. 20. 50 | 疏散通道 | means of egress |
| F41-01. 50. 00 | 身份识别 | proprietary identifications |
| F41-01. 50. 10 | 商标名称 | brand name |
| F41-01. 50. 20 | 制造者名称 | fabricator name |
| F 41-01.50.30 | 库存单位编码 | stock keeping unit（SKU） |
| F41-01. 50. 50 | 商标 | trademark |
| F41-01. 50. 60 | 通用产品代码 | universal production code (UPC) |
| F41 -01. 60. 10 | 网址 | uniform resource locator（URL） |
| F41 -01. 60. 30 | 电话号码 | telephone number |
| F41-01.60.40 | 传真号码 | fax number |
| F41 -01. 60. 50 | 电子邮件地址 | email address |
| F41 -01. 60. 60 | IP地址 | internet protocol (IP) Address |
| F41-02. 00. 00 | 位置特征 | location properties |
| F41-02. 10. 00 | 地理位置 | geographic locations |
| F41-02. 10. 40 | 相对高度 | relative height |
| F41-02. 10. 60 | GPS位置 | global positioning system (GPS) po­sition |
| F41-02.20.00 | 行政区域 | political/legal locations |
| F41-02. 20. 10 | 国家 | country |
| F41-02. 20. 15 | 区域 | region |
| F41-02. 20. 20 | 省/自治区/直辖市 | provinces autonomous regions/munici­palities directly under the central govern- merit |
| F41-02. 20. 25 | 市/自治州/区 | city/autonomous prefecture/district |
| F41-02. 20. 30 | 县/自治县/街道 | county |
| F41-02. 20. 35 | 特别行政区 | special administrative region |
| F41-02. 30. 00 | 制造和生产位置 | manufacturing and product locations |
| F41-02. 30. 10 | 制造地点 | manufacturer location |
| F41-02. 30. 20 | 装配地点 | assembly location |
| F41-02. 30. 40 | 产品获取地点 | product harvest location |
| F41-02.40.00 | 楼内位置 | in-building locatoins |
| F41-02. -10. 10 | 轴号 | shaft No. |
| F41-02. 4(). 2() | 标高 | elevation |
| F41-02. 40. 30 | 参照物 | reference |
| F41-02. 40. 40 | 安装高度 | installation height |
| F41-02.40.45 | 楼层编号 | floor No. |
| F41-02.40.47 | 房间编号 | room No. |
| F41-03.00.00 | 时间和资金特征 | properties of time and money |
| F41-03.10.00 | 时间和计划 | time and scheduling |
| F41-03.10.03 | 使用年限 | age |
| F41-03. 10. 13 | 运行时间 | elapsed time |
| F41-03. 10. 15 | 实际生命期 | actual life span |
| F41-03. 10. 17 | 期望生命期 | expected life span |
| F41-03. 10. 19 | 交付时间 | purchase date |
| F41-03. 10. 23 | 提取日期 | extraction date |
| F41-03. 18 25 | 收获日期 | harvest date |
| F41-03. 10. 27 | 制造日期 | manufacture date |
| F41-03. 10. 29 | 更新日期 | date updated |
| F41-03. 10. 33 | 日期类型 | day type |
| F41-03. 10 69 | 入库日期 | date put in storage |
| F41-03. 10. 73 | 最大存储时间 | maximum storage time |
| F41-03. 10. 75 | 使用和维护 | operations and maintenance |
| F41-03. 10. 77 | 固定资产折旧年限 | depreciation period of fixed assets |
| F41-03. 10. 79 | 退役日期 | decommissioning date |
| F41-03. 10.83 | 拆迁日期 | demolition date |
| F41-03. 10. 85 | 报废日期 | disposal date |
| F.41-03. 10. 87 | 回收日期 | recycled date |
| F41-03. 10. 89 | 搬运日期 | removal dale |
| F41-03.20.00 | 投资 | investment |
| F41-03.20.03 | 匡算 | rough estimate |
| F41-03.20.05 | 估算 | estimate |
| F41-03.20.07 | 概算 | budget estimate |
| F41-03.20.09 | 预算 | budget |
| F41-03.20.13 | 合同价 | contract price |
| F41-03. 20. 15 | 结算 | close an account |
| F41 -03. 20. 17 | 决算 | final settlement |
| F41-03. 20. 19 | 工程造价 | building cost of projects |
| F41-03. 20. 23 | 流动资金 | working capital |
| F41-30.20.25 | 运维费 | operational cost |
| F41-03.20.27 | 设备及工器具费 | equipment and instruments |
| F41-03.20.29 | 建筑安装工程费 | civil and erect ion cost |
| F41-03.20.33 | 工程建设其他费 | other engineering construction cost |
| F41-03.30.00 | 成本 | cwt |
| F41-03.30.03 | 成本价值 | cost value |
| F41-03.30.05 | 资金种类 | currency type |
| F41-03.30.07 | 单位价格 | unit price |
| F41-03. 30. 09 | 批发成本 | wholesale cost |
| F41-03.30.13 | 零售成本 | retail cost |
| F41-03. 30. 17 | 成本折扣 | cost discount |
| F41-03.30.19 | 运输成本 | shipping cost |
| F41-03.30.23 | 安装成本 | installation cost |
| F41-03.30.25 | 购物条款 | purchase terms |
| F41-03. 30. 27 | 全生命期成本 | life cycle cost |
| F41-03.30.29 | 资金成本 | cost of funds |
| F41-03.30.33 | 会计成本 | accounting cost |
| F41-03.30.35 | 经济成本 | economic cost |
| F41-03.30.37 | 历史成本 | historic cost |
| F41-03.30.39 | 经营成本 | operating cost |
| F41-03.30.43 | 短期成本 | short-run costs |
| F41-03.30.45 | 平均成本 | average cost |
| F41-03.30.47 | 固定成本 | fixed cost |
| F41-03.30.49 | 变动成本 | variable cost |
| F41-03.30.53 | 半可变（或半固定） 成本 | half a variable (or half fixed) costs |
| F41-03.30.55 | 平均固定成本 | average fixed cost |
| F41-03.30.57 | 长期成本 | long-run cost |
| F41-03.30.59 | 机会成本 | opportunity cost |
| F41-03.30.63 | 外显成本 | explicit costs |
| F41-03.30.65 | 内含成本 | implicit cost |
| F41-03.30.67 | 增量成本 | incremental cost |
| F41-03.30.69 | 沉没成本 | sunk costs |
| F41-03.30.73 | 边际成本 | marginal cost |
| F41-03.30.75 | 相关成本 | relevant cost |
| F41-03.30.77 | 不相关成本 | no relevant cost |
| F41-03.30.79 | 计划工作预算费用 | budget plan work |
| F41-03.30.83 | 已完工作实际费用 | has the work actual cost |
| F41-03.30.85 | 已完丁.作预算费用 | budget has finished work |
| F41-03.30.87 | 费用偏差 | cost of deviation |
| F41-03.40.00 | 收益 | income |
| F41-03.40.10 | 总收益 | total revenue |
| F41-03.40.15 | 平均收益 | average income |
| F41-03.40.20 | 边际收益 | marginal revenue |
| F41-03.40.25 | 利润 | profits |
| F41-03.40.30 | 会计利润 | accounting profits |
| F41-03.40.35 | 正常利润 | normal profit |
| F41-03.40.40 | 经济利涧 | economic profit |
| F41-03.40.55 | 现金流入量 | cash inflow |
| F41-03.40.60 | 现金流出量 | cash outflow |
| F41-03.40.65 | 净现金流量 | net cash flow |
| F41-04.00.00 | 来源特征 | source properties |
| F41-04.10.00 | 制造商 | manufacturer |
| F41-04.10.10 | 来源因素 | source limitations |
| F41-04.10.20 | 制造商名称 | manufacturer name |
| F41-04.20.00 | 产品 | product |
| F41-04. 20.03 | 产品名称 | product name |
| F41-04. 20.05 | 产品认证 | product certification |
| F41-04. 20.07 | 产品特点 | product features |
| F41-04. 20.09 | 产品结构 | product construction |
| F41-04. 20.13 | 产品改进 | product modifications |
| F41-04. 20.15 | 产品外壳 | product enclosure |
| F41-04. 20.17 | 质量水平 | level of quality |
| F41-04. 20.19 | 等级 | grade |
| F41-04. 20.23 | 样品 | species |
| F41-04. 20.25 | 出厂设置 | factory settings |
| F41-04. 20.27 | 设施维修专用通道 | service access |
| F41-04. 20.29 | 包装 | packaging |
| F41-04. 20.33 | 库存或定制 | stock or custom |
| F41-04. 20.35 | 存货 | in-stock |
| F41-04. 20.37 | 预组装 | pre-assembled |
| F41-04. 20.39 | 风格 | style |
| F41-04. 20.43 | 模式 | pattern |
| F41-04. 20.15 | 浮雕图案 | relief pattern |
| F41-04. 20.47 | 穿孔 | perforations |
| F41-04. 20.49 | 饰品 | accessories |
| F41-04. 20.53 | 选项 | options |
| F41-04. 20.55 | 颜色 | color |
| F41-04. 20.57 | 方向 | orientation |
| F41-04. 20.59 | 完成 | finish |
| F41-04. 20.63 | 处理 | treatment |
| F41-04.30.00 | 保修 | warranty |
| F41-04.30.10 | 保修范围 | warranty coverage |
| F41-04.30.20 | 保修期 | warranty period |
| F41-04. 30.25 | 保修金 | cash warranty |
| F41-04.30.30 | 保修费用 | warranty expense |
| F41-04.30.35 | 保修卡 | warranty card |
| F41-04.30.40 | 制造商的保修条款 | manufacturers warranty terms |
| F41-04.30.45 | 安装保修类型 | installers warranty type |
| F41-04.30.50 | 安装保修条款 | installers warranty terms |
| F41-04.30.35 | 保修服务地点 | warranty service location |
| F41-04.40.00 | 运输 | shipping |
| F41-04.40.10 | 运输方式 | type of shipping |
| F41-04.40.15 | 运输价格 | price of shipping |
| F41-04.40.20 | 运输模式 | shipping mode |
| F41-04.40.25 | 托运人类型 | shipper type |
| F41-04.40.30 | 运输包装 | shipping packaging |
| F41-04.40.35 | 交货标记 | delivery marking |
| F41-04.40.10 | 交货条款 | delivery terms |
| F41-04.50.00 | 安装 | installation |
| F41-04.50.10 | 安装方法 | installation method |
| F41-04.50.15 | 安装配置 | installation configuration |
| F41-04.50.20 | 表面处理 | surface preparation |
| F41-04.50.25 | 紧固方法 | fastening method |
| F41-04.50.30 | 紧固件类型 | fastener type |
| F41-04.50.35 | 安装程序属性 | installer properties |
| F41-04.50.10 | 应用率 | application rate |
| F41-04.50.15 | 覆盖 | coverage |
| F41-04.50.50 | 装配方法 | mounting met hod |
| F41-04.50.60 | 安装过程中的环境温度 | ambient temperature during installa­tion |
| F41-04.50.65 | 清洗方法 | cleaning method |
| F41-05.00.00 | 物理特征 | physical properties |
| F41-05.10.00 | 数量属性 | quantity properties |
| F41-05.13.00 | 形状属性 | shape properties |
| F41-05.16.00 | 一维尺寸 | single dimensions |
| F41-05.16.10 | 标准或自定义大小 | standard or custom size |
| F41-05.16.15 | 长度 | length |
| F41-05.16.20 | 宽度 | width |
| F41-05.16.25 | 高度 | height |
| F41-05.16.30 | 厚度 | thickness |
| F41-05.16.35 | 深度 | depth |
| F41-05.16.40 | 距离 | distance |
| F41-05.16.45 | 间距 | spacing |
| F41-05.16.50 | 跨度 | span |
| F41-05.16.55 | 半径 | radius |
| F41-05.19.00 | 二维尺寸 | area dimensions |
| F41-05.19.10 | 角度尺寸 | angular dimensions |
| F41-05.19.30 | 内径 | inside diameter |
| F41-05.19.35 | 外径 | outside diameter |
| F41-05.19.40 | 圆周 | circumference |
| F41-05.19.45 | 周长 | perimeter |
| F41-05.19.50 | 高差 | level difference |
| F41-05.19.55 | 坡度 | slope |
| F41-05.19.60 | 任意尺寸 | arbitrary dimension |
| F41-05. 23.00 | 空间尺寸 | room size |
| F41-05. 23. 10 | 液体体积 | fluid volume |
| F41-05.23.15 | 固体体积 | dry volume |
| F41-05.26.00 | 比值量 | relational measurements |
| F41-05.26.10 | 速率 | speed |
| F41 -05.26.29 | 频率 | frequency |
| F41-05.26.36 | 相对湿度 | relative humidity |
| F41-05.26.39 | 相对功率 | relative power |
| F41-05.26.53 | 转动频率 | rotational frequency |
| F41-05.26.59 | 速度 | velocity |
| F41-05.29.00 | 可回收、可再生 | sustainability |
| F41-05.29.10 | 建筑和材料再利用 | building and material reuse |
| F41-05.29.25 | 回收含量 | recycled content |
| F41-05.29.30 | 快速再生材料 | rapidly renewable materials |
| F41-05.29.35 | 不可再生材料 | non-renewable materials |
| F41-05.33.00 | 化学组成 | chemical composition |
| F41-05.33.25 | 化学成分 | chemical composition |
| F41-05.33.30 | 兼容性 | compatibility |
| F41-05.33.40 | 延展性 | ductility |
| F41-05.33.45 | 可锻性 | malleability |
| F41-05.33.50 | 可溶性 | solubility |
| F41-05.33.55 | 膨胀 | expansion |
| F41-05.33.60 | 收缩性 | shrinkage |
| F41-05.33.65 | 介电系数 | dielectric constant |
| F41-05.33.70 | 电蚀 | galvanic corrosion |
| F41-05.36.00 | 规定含量 | regulated content |
| F41-05.36.10 | 不挥发物含量：固体含量 | non-volatile matter content； solids content |
| F41-05.36.15 | 涂料水分 | waler content of coating |
| F41-05.36.20 | 涂料灰分 | ash content of coating |
| F41-05.36.25 | 挥发性有机化合物 (VOC)含量 | volatile organic compounds ( VOC) content |
| F41-05.36.30 | 挥发性有机化合物  (VOC)合规性 | volatile organic compounds (VOC)compliance |
| F41-05.36.35 | 石棉含量 | asbestos content |
| F41-05.36.40 | 甲醛含量 | formaldehyde content |
| F41-05.36.15 | 铅含量 | lead content |
| F41-05.36.50 | 抗辐射性 | radiation resistance |
| F41-05.36.55 | 臭氧消耗值 | ozone depiction content |
| F41-05.36.60 | 持久性.生物积累性•有毒污染性(PBTS) | persistent. bio-accumulative and toxic pollutants(PBTs) |
| F41-05.36.65 | 氯氟碳化物(CFC) 含量 | chlorofluorocarbon (CFC) emissions |
| F41-05.36.70 | 含氯氟烧（HCFC） 含量 | hydro-chlorofluorocarbons (HCFC) e-missions |
| F41-05.36.75 | 毒性含量 | toxic content |
| F41-05.36.80 | 生物毒性 | ecological toxicity |
| F41-05.39.00 | 温度 | temperature |
| F41-05.39.10 | 温度类型 | temperature types |
| F41-05.39.15 | 绝对温度 | absolute temperature |
| F41-05.39.20 | 华氏温度 | Fahrenheit temperature |
| F41-05.39.25 | 环境温度 | ambient temperature |
| F41-05.39.30 | 脆化温度 | brittleness temperature |
| F41-05.39.35 | 设计温度 | design temperature |
| F41-05.39.10 | 温度点 | temperature points |
| F41-05.39.15 | 温升 | lempcralure rise |
| F41-05.39.50 | 温度区间 | temperature interval |
| F41-05.43. 00 | 结构荷载 | structural loading |
| F41-05.43. 10 | 永久荷载 | dead loads |
| F41-05.43.20 | 可变荷载 | live loads |
| F41-05.43.30 | 偶然荷载 | accidental load |
| F41-05.46.00 | 空气和其他气体 | air and other gases |
| F11-05.46.05 | 室内空气质量 | indoor air quality (IAQ) |
| F41-05.46.15 | 标准空气污染物 | criteria air pollutants |
| F41-05.46.20 | 二氧化碳浓度 | carbon dioxide level |
| F41-05.46.25 | 甲烷浓度 | methane level |
| F41-05.46.30 | 一氧化二氮浓度 | nitrous oxide level |
| F41-05.46.31 | PM2.5浓度 | PM2.5 level |
| F41-05.46.2 | 一氧化碳浓度 | carbon monoxide level |
| F41-05.46.33 | 总挥发性有机化合物浓度 | TVOC level |
| F41-05.46.35 | 烟雾浓度 | smog level |
| F41-05.46.40 | 能见度 | visibility |
| F41-05.49.00 | 液体 | liquids |
| F41-05.49.12 | 水质 | water quality |
| F41-05.49.15 | 液体PH值 | liquid PH |
| F41-05.49.16 | 浊度 | turbidity |
| F41-05.49.17 | 色度 | chroma |
| F41-05.49.18 | 余氯 | residual chlorine |
| F41-05.49.19 | 溶解性总固体 | total dissolved solids |
| F41-05.53.00 | 质量类 | mass category |
| F41-05.53.05 | 质量 | mass |
| F41-05.53.10 | 重量 | weight |
| F41-05.53.15 | 密度 | density |
| F41-05.53.20 | 比重 | specific gravity |
| F41-05.53.25 | 动量 | momentum |
| F41-05.53.30 | 交换效率 | exchange effectiveness |
| F41-05.59.00 | 压力 | pressure |
| F41-05.59.10 | 大气压 | air pressure |
| F41-05.59.13 | 压差 | differential pressure |
| F41-05.59.16 | 绝对压力 | absolute pressure |
| F41-05.59.19 | 相对压力 | relative pressure |
| F41-05.59.23 | 真空表压力 | vacuum gauge pressure |
| F41-05.59.26 | 静态压力 | static pressure |
| F41-05.59.29 | 动态压力 | dynamic pressure |
| F41-05.59.33 | 围压 | ambient pressure |
| F41-05.59.36 | 作用茂力 | applied pressures |
| F41-05.59.39 | 大气压强 | atmospheric pressure |
| F41-05.59.13 | 校准压力 | calibrated pressure |
| F41-05.59.46 | 设计压力 | design pressure |
| F41-05.59.49 | 表压 | gage pressure |
| F41-05.59.53 | 泄漏的压力 | leakage under pressure |
| F41-05.59.56 | 残余压力 | residual pressure |
| F41-05.59.59 | 静压力 | static pressure |
| F41-05.59.63 | 静压差 | static pressure differential |
| F41-05.59.66 | 压降 | pressure drop |
| F41-05.59.69 | 真空压力 | vacuum pressure |
| F41-05.59.73 | 蒸气压 | vapor pressure |
| F41-05.59.76 | 风压 | wind pressure |
| F41-05.66.00 | 环境 | environmental |
| F41-05.66.10 | 地震分级 | seismic classification |
| F41-05.66.20 | 设计标准 | design criteria |
| F41-05.66.30 | 风速 | wind speed |
| F41-05.66.40 | 气候类型 | climate class |
| F41-05.66.50 | 臭氧浓度 | ozone concentration |
| F41-05.66.60 | 地貌 | land features |
| F41-05.66.70 | 水体类型 | water body type |
| F41-06.00.00 | 性能特征 | performance properties |
| F41-06.20.00 | 功能和使用属性 | function and use properties |
| F41-06.20.10 | 功能效率 | functional efficiency |
| F41-06.20.15 | 功能限制 | functional limitations |
| F41-06.20.20 | 操作方法 | method of operation |
| F41-06.20.25 | 功能实施（实现）能力 | functional capacity |
| F41-06.20.30 | 规范符合度 | code performance |
| F41-06.20.35 | 覆盖率 | coverage rate |
| F41-06.20.40 | 易用性 | case of |
| F41-06.20.45 | 适用性 | serviceability |
| F41-06.20.50 | 适合性 | suitability |
| F41-06.20.55 | 可用性 | workability |
| F41-06.20.60 | 耐气候性 | weathcrability |
| F41-06.20.65 | 产生的废弃物 | waste produced in use |
| F41-06.20.70 | 抗风压性能 | wind load resistance performance |
| F41-06.20.73 | 防水性 | waterproof |
| F41-06.20.74 | 保温隔热性 | thermal insulation |
| F41-06.20.75 | 装饰性 | decoration |
| F41-06.25.00 | 强度属性 | strength properties |
| F41-06.25.15 | 抗收缩性 | compressive resistance |
| F41-06.25.17 | 抗压强度 | compressive strength |
| F41-06.25.21 | 延性 | ductility |
| F41-06.25.23 | 弹性 | elasticity |
| F41-06. 30.00 | 耐久性属性 | durability properties |
| F41-06.30.10 | 耐磨性 | abrasion resistance |
| F41-06.30.15 | 抗酸性 | acid resistance |
| F41-06.30.17 | 抗碱性 | alkali resistance |
| F41-06.30.23 | 耐化学腐蚀性 | chemical resistance |
| F41-06.30.25 | 耐蚀性 | corrosion resistance |
| F41-06.30.27 | 抗裂性 | crack resistance |
| F41-06.30.29 | 耐腐蚀性 | decay resistance |
| F41-06.30.31 | 耐老化性 | degradation resistance |
| F41-06.30.35 | 抗褪色性 | fade resistance |
| F41-06.30. 37 | 抗疲劳强度 | fatigue resistance |
| F41-06.30.39 | 摩擦系数 | friction coefficienl |
| F41-06.30.11 | 防霉性 | fungus resistance |
| F41-06.30.13 | 耐压痕性 | indentation resistance |
| F41-06.30.15 | 耐红外线性 | infrared resistance |
| F41-06.30.17 | 耐虫性 | insect resistance |
| F41-06.30.19 | 抗磨损 | resistance to wear |
| F41-06.30.51 | 维护耐久性 | maintenance durability |
| F41-06.30.53 | 机械耐久性 | mechanical durability |
| F41-06.30.55 | 抗细菌性 | microorganism resistance |
| F41-06.30.57 | 抗霉性 | mildew resistance |
| F41-06.30.59 | 耐臭氧性 | ozone resistance |
| F41-06.30.61 | 耐植物生氏性 | plant growth resistance |
| F41-06.30.63 | 耐沾污性 | stain resistance- |
| F41-06.30.65 | 耐蚁蚀性 | termite resistance |
| F41-06.30.67 | 耐热震性 | thermal shock resisiancc |
| F41-06.30.69 | 耐紫外线（UV）性 | ultraviolet(UV) resistance |
| F41-06.30.71 | 磨损系数 | wear coefficient |
| F41-06.30.75 | 磨损率 | wear rate |
| F41-06.35.00 | 燃烧属性 | combustion properties |
| F41-06.35.13 | 可燃性 | combustibilily |
| F41-06.35.15 | 耐火等级 | fire resistance rating |
| F41-06.35.33 | 易燃性 | flammability |
| F41-06.35.35 | 着火性 | ignitibility |
| F41-06.35.37 | 放热率 | heat release rate |
| F41-06.35.39 | 放热量 | heat release |
| F41-06.35.41 | 热值 | calorific value |
| F41-06.35.43 | 总热值 | gross calorific potential |
| F41-06.35.45 | 受火程度 | level of exposure |
| F41-06.35.47 | 烟浓度 | smoke density |
| F41-06.40.00 | 密封属性 | properties of the envelope |
| F41-06.40.10 | 吸收率 | absorptivity |
| F41-06.40.13 | 空气渗透 | air infiltration |
| F41-06.40.15 | 气密性 | air tightness |
| F41-06.40.17 | 漏气量 | air leakage |
| F41-06.40.19 | 渗水性、渗透力 | water penetration |
| F41-06.40.21 | 抗结露因子（CRF） | condensation resistance factor(CRF) |
| F41-06.40.23 | 热阻国际系统（RSI) | R-value system international (RSI) |
| F41-06.40.25 | U-值 | U-value |
| F41-06.40.27 | 整体电阻国际系统 | USI |
| F41-06.40.29 | 绝缘密度 | insulation density |
| F41-06.40.40 | 太阳能得热系数 | solar heat gain coefficient (SHGC) |
| F41-06.40.37 | 遮阳系数 | shading coefficient |
| F41-06.40.39 | 热阻 | R-value |
| F41-06.40.41 | 传热系数 | heat transfer coefficient |
| F41-06.40.43 | 比热 | specific heat |
| F41-06.40.45 | 内部热能 | internal thermal energy |
| F41-06.40.47 | 线性热膨胀系数 | linear thermal expansion coefficient |
| F41-06.40.49 | 长期热阻 | long-term thermal resistance( LTTR) |
| F41-06.40.51 | 比热输入  特定热能输入量 | specific heat input |
| F41-06.40.53 | 断热 | thermal break |
| F41-06.40.55 | 热导率 | thermal conductance |
| F41-06.40.57 | 导热系数 | thermal conductivity |
| F41-06.40.59 | 热扩散系数 | thermal diffusivity |
| F41-06.40.61 | 热绝缘系数 | thermal insulance |
| F41-06.45.00 | 透气和防潮指标 | properties of permeability and mois­ture resistance |
| F41-06.45.10 | 抗凝结性 | condensation resistance |
| F41-06.45.13 | 抗冻融性 | freeze-thaw resistance |
| F41-06.45.15 | 抗冻性 | frost resistance |
| F41-06.45.17 | 透气性 | gas permeability |
| F41-06.45.19 | 透水百分比 | percent permeability |
| F41-06.45.21 | 磁导率 | magnetic permeability |
| F41-06.45.23 | 抗吸湿性 | moisture absorption resistance |
| F41-06.45.25 | 含水量 | moisture content |
| F41-06.45.27 | 污染物渗透 | pollutant permeability |
| F41-06.45.29 | 孔隙率 | porosity |
| F41-06.45.31 | 抵抗潮气 | resistance to rising damp |
| F41-06.45.33 | 水汽渗透率 | vapor permeability |
| F41-06.45.35 | 防水汽性 | vapor resistance |
| F41-06.45.37 | 渗透速度 | velocity permeability |
| F41-06.45.39 | 吸水性 | water absorption |
| F41-06.45.41 | 抗吸水性 | water absorption resistance |
| F41-06.45.43 | 不透水性 | water impermeability properties |
| F41-06.45.45 | 抗透水性 | water permeability resistance |
| F41-06.45.47 | 表层水吸收 | surface water absorption |
| F41-06.50.00 | 声学属性 | acoustic properties |
| F41-06.50.10 | 声阻抗 | acouslie impedance |
| F41-06.50.13 | 混响时间 | reverberation time |
| F41-06.50.15 | 噪声级 | noise level |
| F41-06.50.17 | 降噪系数（NRC） | noise reduction coefficient (NRC) |
| F41-06.50.19 | 声各向异性 | acoustical anisotropy |
| F41-06.50.21 | 吸音 | acoustical absorption |
| F41-06.50.23 | 声吸收 | sound absorption |
| F41-06.50.25 | 吸声系数 | sound absorption coefficient |
| F41-06.50.27 | 平均吸声值（SAA） | sound absorption average ( SAA) |
| F41-06.50.29 | 声衰减（消声） | sound attenuation |
| F41-06.50.31 | 声能密度 | sound energy density |
| F41-06.50.33 | 声能通量 | sound energy flux |
| F41-06.50.35 | 声强级 | sound energy flux density level |
| F41-06.50.37 | 音频 | sound frequency |
| F41-06.50.39 | 声强 | sound intensity |
| F41-06.50.41 | 隔声 | sound isolation |
| F41-06.50.43 | 声功率 | sound power |
| F41-06.50.45 | 声压 | sound pressure |
| F41-06.50.17 | 声速 | sound speed |
| F41-06.50.49 | 声音反射 | sound reflectance |
| F41-06.50.51 | 透射等级 | sound transmission class (STC) |
| F41-06.50.53 | 语言清晰度 | speech intelligibility |
| F41-06.50.55 | 累积百分声级 | percentile sound level |
| F41-06.60.00 | 能耗属性 | energy consumption properties |
| F41-06.60.10 | 能耗用量 | energy consumption |
| F41-06.60.12 | 电量 | electricity |
| F41-06.60.14 | 用水量 | water consumption |
| F41-06.60.16 | 用气量 | gas |
| F41-06.60.18 | 冷热量 | cold heat |
| F41-06.60.20 | 碳排放量 | Carbon emissions |
| F41-06.60.30 | 电流 | current |
| F41-06.60.35 | 电压 | voltage |
| F41-06.60.37 | 有功功率 | active power |
| F41-06.60.40 | 无功功率 | reactive power |
| F41-06.60.43 | 视在功率 | apparent power |
| F41-06.60.46 | 有功电能 | active power |
| F41-06.60.49 | 无功电能 | reactive power |
| F41-06.60.52 | 付费率电能 | rate of charge electrical energy |
| F41-06.60.60 | 供电方式 | the power supply mode |
| F41-06.60.70 | 通讯方式 | communication methods |
| F41-06.60.80 | 表具安装方式 | meter installation mode |
| F41-07.00.00 | 设备运行属性 | device Running Properties |
| F41-07.10.00 | 设备运行状态属性 | device running status properties |
| F41-07.10.02 | 正常 | normal |
| F41-07.10.05 | 故障 | the fault |
| F41-07.10.07 | 维修 | maintenance |
| F41-07.10.10 | 停止 | stop |
| F41-07.10.13 | 报警 | call the police |
| F41-07.10.16 | 保护 | to protect the |
| F41-07.10.19 | 延时 | time delay |
| F41-07.10.22 | 在线 | online |
| F41-07.10.25 | 离线 | offline |
| F41-07.20.00 | 参数设定 | parameter setting |
| F41-07.20.02 | 开启 | open |
| F41-07.20.05 | 关闭 | shut down |
| F41-07.20.07 | 调整 | adjust the |
| F41-07.30.00 | 设备运行模式 | positive device operating mode |
| F41-07.30.10 | 手/自动模式 | manual/automatic mode |
| F41-07.30.12 | 手动模式 | manual mode |
| F41-07.30.15 | 半自动模式 | semi-automatic mode |
| F41-07.30.17 | 自动模式 | automatic mode |
| F41-07.30.20 | 控制模式 | control mode |
| F41-07.30.22 | 制冷模式 | cooling mode |
| F41-07.30.25 | 制热模式 | heating mode |
| F41-07.30.27 | 通风模式 | ventilation mode |
| F41-07.30.30 | 静音模式 | silent mode |
| F41-07.30.33 | 省电模式 | power saving mode |

## 本标准用词说明

**1 为便于在执行本标准条纹时区别对待，对要求严格程度不同的用词说明如下：**

1. **表示很严格，非这样做不可的用词；**

**正面词采用“必须”，反义词采用“严禁”；**

1. **表示严格，在正常情况均应这样做的用词：**

**正面词采用“应”，反面词采用“不应”或“不得”；**

1. **表示允许稍有选择，在条件许可时首先应这样做用词：**

**正面词采用“宜”，反面词采用“不宜”；**

1. **表示有选择，在一定条件下可以这样做的用词，采用“可”。**

**2 条文中指明应按其他有关标准、规范执行的写法为“应符合……的规定”或“应按……执行”。**

## 引用标准名录

**1《建筑信息模型分类和编码标准》GB/T 51269**

**2《信息分类和编码的基本原则和方法》GB/T 7027**

**中国工程建设协会标准**

建筑运行阶段信息模型（BIM）分类及编码标准

## 条文说明

## 1总则

1.0.1 随着建筑信息模型（BIM）技术的不断成熟，在建筑行业中得到了广泛的应用，并逐步应用于建筑工程的全生命周期，该技术可有效的提高建筑设计精度、技术整合程度和建筑质量。但是建筑信息模型（BIM）技术在运行阶段的应用远远没有设计与施工阶段的应用深入与成熟。主要是市场的驱动力不够，BIM技术对运营行业而言门槛高，成本高，因此，我们需要为行业制定一系列标准，降低建筑信息模型（BIM）技术应用门槛，提高竣工建筑信息模型（BIM）的复用率。

1.0.2建筑信息模型应用的一个重要保证是信息的流畅传递、交互，为保证信息的有效传递，建筑工程中建设资源、建设进程与建设成果等对象的分类与编码的统一是关键，该分类与编码应该在建筑工程全生命期的信息应用中保持一致和统一。本标准是根据建筑工程运行阶段的特点，在国家标准《建筑信息模型分类和编码标准》GB/T 51269基础上，对分类与编码进行了细化和补充。本次共有12个表，并从不同对象，从不同角度进行了分类和编码，是建筑运行阶段信息模型应用的基础之一。

1.0.3本标准主要解决运行阶段建筑信息模型与各类运行软件系统实现信息模型数据的互认互通问题，可指导运行软件在设计开发时，根据统一的编码规则完成建筑信息模型数据的获取，实现不同运行需求的软件低成本开发。实现竣工建筑信息模型数据的精准抓取以及运行数据的一一匹配，提高建筑模型的利用率。提升建筑信息模型运行软件的普适性，加快打造基于建筑信息模型的全生命周期软件生态，有助于我国建筑信息模型运行水平的提高。

## 2 术语

2.0.1 建筑信息模型是建设工程及其设施的物理和功能特性的数字化表达，可以作为该工程项目相关信息的共享知识资源，为项目全生命期内的各种决策提供可靠的信息支持。building information modeling，是创建和利用工程项目数据在其全生命期内进行设计、施工和运行的业务过程，允许所有项目相关方通过不同技术平台之间的数据互用在同一时间利用相同的信息。building information management，是使用模型内的信息支持工程项目全生命期信息共享的业务流程的组织和控制，其效益包括集中和可视化沟通、更早进行多方案比较、可持续性分析、高效设计、多专业集成、施工现场控制、竣工资料记录等。

2.0.2 建筑运行阶段管理中组成类型较多，包括空间管理、设备管理、安保管理、生活环境等，可实现建筑结构、设备性能、环境等方面综合维护与更新。针对不同模块管理，可组织专职人员利用先进的管理制度体系和技术手段，对各类管理要素进行巡查、状况收集整理和分析，及时发现权限范围内问题，报告相关工作人员处理，最终实现建筑工程运行动态化、及时化管理，保障管理工作的实效性。

2.0.3 园区系指在地理边界和管理总体明确、基础设施和管理体系完整的区域。在此区域内，为达到促进某类行业的发展目标，适度集中产业链上多个相关联的企业，弥补相互不足，发挥集群效应。

2.0.4 来自ISO 12006-2:2001，每个元素都满足了特定的主要功能，或独立，或与其他元素结合。元素应用的最广泛的时期是项目早期，以确定项目的物理特征、运行特征和美学特征。考虑元素时不与功能的材料、技术解决方案结合。对于每个元素，都可能有多个技术解决方案能够达到该元素的功能。

2.0.5 建筑产品是用于建设的基本单元。可以是单一产品个体、工厂生产的多个产品组合体，也可以是工厂生产的独立运行的系统。当材料以原有的形式作为一个组件来实现工作效果时，它们也被视为产品。

2.0.6组织角色的关键概念在于给定的项目实际建筑工程运行过程中参与者的责任范围和参与者的工作职能，而不考虑其领域的专门知识、教育、经验，或培训。参与者可以是个人、小组或团队、一个公司、一个协会、一个机构、一个研究所，或其他类似组织。

2.0.7 建筑运维的目的是整合建筑内人员、设施及技术等关键资源，以提高建筑的使用率，尽可能延长建筑的使用周期而进行的运行维护行为，具体行为涉及设备设施、交通管理、环境管理、安全管理等行为。建筑运维行为主要包括预防性维护、预测性维护和维修等。

2.0.8 建筑在竣工验收完成并投入使用后，整合建筑内人员、设施及技术等关键资源，为建筑相关方提供有价值的服务，从而降低建筑的经营成本，增加投资收益的行为，包括招商租赁、企业服务、能源服务、金融服务、产业生态、价值分析等行为。

## 3 基本规定

### 3.1分类对象和分类方法

3.1.1建筑信息模型统一分类和编码的意义在于在信息交流的过程中，形成对建筑物描述的“共同语言”，打破不同实施主体之间的交流障碍。而对于建筑工程运行阶段而言，如何使得设计与施工阶段的建筑信息在运行阶段得到继承和进一步的有效应用是本标准需要解决的具体问题。因此，在建筑运行阶段信息分类的过程中，本标准主要依据以下两个原则：

1. 与国标分类编码的一致性原则：为了保证与前期设计、施工数据的分类方式保持一致，在分类的整体框架上，运行阶段的分类编码与国家标准《建筑信息模型分类和编码标准》GB/T 51269保持一致，包括建筑成果、建筑进程、建筑资源和建筑属性；

2）充分考虑建筑工程运行阶段的分类需要：分类过程中根据运行阶段的使用需要，新增了按功能分园区、建筑运维行为、运营服务行为三张分类表，同时去掉了国标中对于运行阶段不适用的部分分类表。

3.1.2 建筑运行阶段信息分类包括11张分类表，每张表代表建筑运行阶段工程信息的一个方面。每张表对特定类型的信息进行分类，可以单独使用；也可以结合其他表使用，为更加复杂的信息进行分类。其中：

表A.0.1～A.0.6用于整理建设成果，在本标准中重点是对设计、施工信息的以及运行阶段建设成果数据的添加；

表A.0.7～A.0.8用于建设过程的分类，在本标准中重点是指运行过程中重点行为的分类；

表A.0.9～A.0.10用于组织建设资源，在本标准中重点是指运行阶段的产品和组织角色；

表A.0.11用于建设属性分类；

全部分类表中，按功能分园区分类（附录A.0.1）、按建筑运维行为分类（附录A.0.7）、按运营服务行为分类（附表A.0.8）的表格为新增分类表，其余分类表在《建筑信息模型分类和编码标准》GB/T 51269信息分类表的基础上根据运行阶段的信息进行筛选、补充与细化，对应关系见表 1 。

表1 附录A.0.1~表A0.15与GB/T 51269的对应关系

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 内容 | 分类 | 表编码 | 参考附录 | 内容说明 |
| 建设成果 | 按功能分园区 | A.0.1 | —— | 新增表：增加以园区为主体的分类方式； |
| 按功能分建筑物 | A.0.2 | A.0.1 | 国标A.0.1基础上：筛选、细化；  颗粒度保留在三级类目； |
| 按形态分建筑物 | A.0.3 | A.0.2 | 国标A.0.2基础上:筛选、细化；  颗粒度保留在三级类目； |
| 按功能分空间 | A.0.4 | A.0.3 | 国标A.0.3基础上:筛选、细化; |
| 按形态分空间 | A.0.5 | A.0.4 | 国标A.0.4基础上：筛选；  仅保留与建筑运行有关的内外部空间； |
| 元素 | A.0.6 | A.0.5 | 国标A.0.5基础上：筛选、细化； |
| 建设进程 | 建筑运维行为 | A.0.7 | —— | 新增表：基于物业运维管理中涉及的行为，划分设备设施管理、交通管理、环境管理、安全管理等大类类目，并进行了中类、小类类目细化； |
| 运营服务行为 | A.0.8 | —— | 新增表：根据运营阶段所涉及的服务行为，分为招商租赁、企业服务、能源服务、金融服务、产业生态、价值分析等大类类目，并进行了中类、小类类目细化； |
| 建设资源 | 建筑产品 | A.0.9 | A.0.10 | 国标A.0.10基础上：筛选、补充；  梳理了建筑产品与元素表中重复对象的编码对应要求 |
| 组织角色 | A.0.10 | A.0.11 | 国标A.0.11基础上：筛选、补充、细化；  根据实际运行阶段要求补充物业服务等角色并进行细化； |
| 建设属性 | 属性 | A.0.11 | A.0.15 | 国标A.0.15基础上：筛选、补充、细化；  根据运行阶段要求补充运行状态等属性并进行细化； |

3.1.3  本标准中所扩充的建筑信息的层级描述与国标GB/T 51269保持一致。

如表A.0.10建筑产品中所保温隔热分类见表2。

表2 保温隔热分类

|  |  |  |  |
| --- | --- | --- | --- |
| 层级 | 类目 | 分类名（中文） | 分类名（英文） |
| 一级类目 | 大类 | 保温隔热 | heat preservation and heat insulation |
| 二级类目 | 中类 | 保温系统 | external thermal insulation system |
| 三级类目 | 小类 | 外墙外保温系统 | external thermal insulation system for external wall |
| 四级类目 | 细类 | 模塑聚苯板外保温系统 | molded polystyrene board external insulation system |
| 四级类目 | 细类 | 挤塑聚苯板外保温系统 | extruded polystyrene board external insulation system |
| 四级类目 | 细类 | 聚氨酯外墙外保温系统 | polyurethane external wall insulation system |

### 3.2编码及扩展规定

3.2.1  本标准的编码结构参照国标《建筑信息模型分类和编码标准》GB/T51269-2017的分类方式，采用按照表代码＋分类对象代码的方式，表代码与分类对象代码采用“-”连接，其中，表代码增加专业代码F，用以区分运维阶段的编码；表内编码分类对象代码根据描述对象的不同，包括大类代码、中类代码、小类代码、细类代码。

例如表A.0.7中巡逻的全部编码为表代码F23＋表内编码04.10.20.10，之间用“-”连接，即空气监测的完整编码为F23-04.10.20.10。同时，各级代码采用两位阿拉伯数字表示，也就是各级代码的容量为100，从00～99。

小类代码

大类代码

表编码码

专业代码

中类代码

细类代码

- · · ·

分类对象代码

表代码

图1 编码结构

 对于编码的规则按照：

    1  为了后期标准扩展，相邻编码中间是留空的；

    2  留空的原则是按照目前所编制的内容定，内容较少的按照10为间隔，内容相对多按照5为间隔，以此类推，3为间隔，2为间隔，无极特别情况不连续编码。

例如：巡逻编码F23-04.10.20.10的编码结构如图1所示

F 23 - 04. 10. 20. 10

细类代码

小类代码

中类代码

大类代码

表编码

专业代码

图2 巡逻编码结构示意

3.2.2 全数字编码方式是目前国际上流行的编码方式，本标准也采用此种编码方式。由于建筑工程中所涉及的对象非常丰富，对于不同的对象分成11个表，每个表对应一大类对象，例如按功能分建筑物、建筑运维行为等，针对11个表，采用两位数字的方式进行编码，例如建筑运维行为的表代码为F23。对于建筑运维行为表内的具体对象，按照每个层级两位数字代码的形式表示，例如大类类目安全管理，代码为04，安全管理的部分分类及编码见表3。

表3 安全管理分类和编码

|  |  |  |
| --- | --- | --- |
| 类目编码 | 类目中文 | 类目英文 |
| F23-04.00.00 | 安全管理 | security management |
| F23-04.10.00 | 安防管理 | security |
| F23-04.10.10 | 技术安防 | technical security |
| F23-04.10.20 | 人工安防 | artificial security |
| F23-04.10.20.10 | 巡逻 | patrol |
| F23-04.10.20.15 | 查看 | view |
| F23-04.10.20.20 | 判断 | judge |
| F23-04.10.20.25 | 登记 | registered |
| F23-04.10.20.30 | 跟踪 | trace |
| F23-04.10.20.35 | 盘问 | interrogate |
| F23-04.10.20.40 | 协调指挥 | coordinate command |
| F23-04.10.20.45 | 疫情防控 | epidemic prevention and control |
| F23-04.10.20.48 | 突发事件应对 | emergency response |

3.2.3 可扩延性是指分类体系中应设置收容分类，方便后期应用时根据不同需要进行扩展应用；兼容性是指和现有其他标准相协调，例如《建筑信息模型分类和编码标准》GB/T 51269；综合实用性是指分类要从总体角度出发，在满足总要求和总目标的前提下，满足系统内相关单位的需求。

自定义层级代码的最高层级应采用90~99 之间的数字进行编制。例如：在表A.0.7建筑运维行为表内的安全管理大类中增加新的种类，则设置代码见表4。

表4  自定义分类和编码示例

|  |  |  |
| --- | --- | --- |
| 类目编码 | 类目中文 | 类目英文 |
| F23-04.00.00 | 安全管理 | security management |
| F23-04.10.00 | 安防管理 | security |
| F23-04.10.10 | 技术安防 | technical security |
| F23-04.10.20 | 人工安防 | artificial security |
| F23-04.10.20.10 | 巡逻 | patrol |
| F23-04.10.20.15 | 查看 | vew |
| F23-04.10.20.20 | 判断 | judge |
| F23-04.10.20.25 | 登记 | registered |
| F23-04.10.20.30 | 跟踪 | trace |
| F23-04.10.20.35 | 盘问 | interrogate |
| F23-04.10.20.40 | 协调指挥 | coordinate command |
| F23-04.10.20.45 | 疫情防控 | epidemic prevention and control |
| F23-04.10.20.48 | 突发事件应对 | emergency response |
| …… | …… | …… |
| F23-04.91.00 | xxx | xxx |
| F23-04.91.10 | xxx | xxx |
| F23-04.91.10.10 | xxx | xxx |

## 4. 应用方法

### 4.1编码逻辑的运算符号

4.1.1  常用的单个编码，往往不能满足我们对于所有对象进行描述的要求，需要借助这些运算符号来组织多个编码，实现精确描述、准确表意的目的。

4.1.2  由于需求的复杂性，需要多个编码组合使用，但是组合使用需要按照一定的规则执行：

1 使用“＋”表示编码含义的概念集合，并且“＋”联合的编码所表示的含义和性质不相互影响。

例如：例如，表述“带空调的办公室”这一概念时，可利用“＋”把描述建筑产品“空调”的编码和商业办公空间“办公室”的编码联合起来，形成组合编码：30-44.00.00＋12-12.10.10。

2 使用“／”表示一张表中连续的对象分类，连续编码段落由“／”前的编码开始，直至“／”后的编码结束。

    例如：如果我们想检索所有的与“交通管理和环境管理”相关的建筑运维行为，可以标记为23-02.00.00／23-03.00.00，划定由“23-02.00.00”开始到“23-03.00.00”结束的范围。

3 大于号和小于号的作用在于，在加号运算基础上，改变了参与复合交集运算双方的重要顺序.从而代替加号运算符。比如F10-14.10.00＜F12-12.10.00仍代表“医院办公区”，但储存时将仍然以医院这个大分类进行储存。任何情况下，均应保持这样的一个规则：无论大于号还是小于号，符号开口方向都必须朝向概念更重要的那个分类物项。

### 4.2编码应用规定

4.2.1建筑运行阶段信息模型中信息分类和编码的应用应符合参照国家标准《建筑信息模型分类和编码标准》及其他国家标准规定。

4.2.2 运行阶段的分类编码实现建筑运行阶段的分类、检索、信息传递，运用该技术通过算法提取信息并生成报告，实现比文件存储管理更加灵活、强大的信息管理方式。

建筑信息模型运维管理业务依据运维管理各功能模块需求，可通过挂接关联运维所需要的各类分类编码，形成建筑信息模型运维编码组。

运行组合编码示例：

|  |  |  |
| --- | --- | --- |
| 描述 | 对应编码表 | 对应编码 |
| 行政办公楼 | A.0.2按功能分建筑物 | F10-02.10.00 |
| 会议室 | A.0.4 按功能分空间 | F12-09.10.20 |
| 空调机组 | A.0.6 元素  A.0.9 产品 | F14-30.30.03  ＜F30-44.00.00 |
| 维修 | A.0.7 建筑运维行为 | F23-01.30.00 |
| 维修工人 | A.0.11 组织角色 | F31-80.10.21 |

运行编码的归档和使用是重要的一项工作，建筑信息模型运维管理业务依据运维管理各功能模块需求，可通过挂接关联运维所需要的各类分类编码，形成建筑信息模型运维编码组。

1、编码的使用示例

表5 编码的使用示例

|  |  |
| --- | --- |
| 编码 | 对象 |
| F10-02.10.00 + F12-09.10.20 + F14-30.30.03 ＜F30-44.00.00+F23-01.30.00 + F31-80.10.21 | 维修工人对行政办公楼会议室中空调机组进行维修 |

2、编码的归档示例

表6 编码集合归档示例

|  |  |  |
| --- | --- | --- |
| 类型 | 编码 | 对象 |
| 由“+”联合 | F30-51.20.10.03 + F30-51.20.10.29 | 吊灯和台灯 |
| 由“/”联合 | F23-02.00.00／F23-03.00.00 | 交通管理和环境管理 |
| 由“＞、＜”联合 | F05-01.60.00＞F10-04.10.00 | 综合园区的实验楼 |
| 单个编码 | F31-80.10.22 | 电梯工人 |