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August 2020

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03 47 13  Tilt-Up Concrete
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03 48 00  Precast Concrete Specialties
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03 51 13  Cementitious Wood Fiber Decks
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03 52 00  Lightweight Concrete Roof Insulation
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03 52 16  Lightweight Insulating Concrete
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03 54 13  Gypsum Cement Underlayment
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03 61 13  Dry-Pack Grouting
03 62 00  Non-Shrink Grouting
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03 62 16  Metallic Non-Shrink Grouting
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  04 01 20.41 Unit Masonry Stabilization
  04 01 20.51 Unit Masonry Maintenance
  04 01 20.52 Unit Masonry Cleaning
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  04 03 21.19 Clay Brick Conservation Treatment
  04 03 21.21 Terra Cotta Conservation Treatment
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| 04 61 00 | Chemical-Resistant Brick Masonry | 05 03 58 | Conservation Treatment for Period Column Covers |
| 04 62 00 | Vitrified Clay Liner Plate | 05 03 70 | Conservation Treatment for Period Decorative Metal |
| 04 70 00 | Manufactured Masonry | 05 03 71 | Conservation Treatment for Period Decorative Metal Stairs |
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| 04 72 00 | Cast Stone Masonry | 05 03 76 | Conservation Treatment for Period Decorative Forged Metal |
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Acoustic Room Components

- Fixed Sound-Absorptive Panels
- Acoustic Stretched-Fabric Wall Systems
- Fixed Sound-Reflective Panels
- Moveable Sound-Absorptive Panels
- Moveable Sound-Reflective Panels
- Sound-Absorbing Wall Units
- Sound-Absorbing Ceiling Units

Painting and Coating

- Exterior Painting
- Interior Painting
- Exterior Staining and Finishing
- Exterior Finishing
- Interior Staining and Finishing
- Interior Finishing

Decorative Finishing

- Textured Finishing
- Faux Finishing
- Multicolor Interior Finishing
- Gilding

High-Performance Coatings

- Abrasion-Resistant Coatings
- Graffiti-Resistant Coatings
- Marine Coatings
- High-Temperature-Resistant Coatings
- Chemical-Resistant Coatings
- Fire-Retardant Coatings
- Intumescent Painting
- Elastomeric Coatings
09 96 56  Epoxy Coatings
09 96 59  High-Build Glazed Coatings
09 96 63  Textured Plastic Coatings
09 96 66  Aggregate Wall Coatings
09 97  0  Special Coatings
09 97 13  Steel Coatings
09 97 13.13  Interior Steel Coatings
09 97 13.23  Exterior Steel Coatings
09 97 13.24  Steel Water Storage Tank Painting
09 97  23  Concrete and Masonry Coatings
09 97 23.24  Concrete Water Storage Tank Painting
09 97  26  Cementitious Coatings
09 97 26.13  Interior Cementitious Coatings
09 97 26.23  Exterior Cementitious Coatings
09 97  35  Dry Erase Coatings

10 00 00 Specialties

10 01 00  Operation and Maintenance of Specialties
10 01 10  Operation and Maintenance of Information Specialties
10 01 20  Operation and Maintenance of Interior Specialties
10 01 30  Operation and Maintenance of Fireplaces and Stoves
10 01 40  Operation and Maintenance of Safety Specialties
10 01 50  Operation and Maintenance of Storage Specialties
10 01 70  Operation and Maintenance of Exterior Specialties
10 01 80  Operation and Maintenance of Other Specialties

10 05 00  Common Work Results for Specialties
10 05 05  Selective Demolition for Specialties

10 06 00  Schedules for Specialties
10 06 10  Schedules for Information Specialties
10 06 10.13  Exterior Signage Schedule
10 06 10.16  Interior Signage Schedule
10 06 20  Schedules for Interior Specialties
10 06 20.13  Toilet, Bath, and Laundry Accessory Schedule
10 06 30  Schedules for Fireplaces and Stoves
10 06 40  Schedules for Safety Specialties
10 06 50  Schedules for Storage Specialties
10 06 70  Schedules for Exterior Specialties
10 06 80  Schedules for Other Specialties

10 08 00  Commissioning of Specialties

10 10 00  Information Specialties

10 11 00  Visual Display Units
10 11 13  Chalkboards
10 11 13.13  Fixed Chalkboards
10 11 13.23  Modular-Support-Mounted Chalkboards
10 11 13.33  Rail-Mounted Chalkboards
10 11 13.43  Portable Chalkboards
10 11 16  Markerboards
10 11 16.13  Fixed Markerboards
10 11 16.23  Modular-Support-Mounted Markerboards
10 11 16.33  Rail-Mounted Markerboards
10 11 16.43  Portable Markerboards
10 11 16.53  Electronic Markerboards
10 11 23  Tackboards
10 11 23.13  Fixed Tackboards
10 11 23.23  Modular-Support-Mounted Tackboards
10 11 23.33  Rail-Mounted Tackboards
10 11 23.43  Portable Tackboards
10 11 33  Sliding Visual Display Units
10 11 33.13  Horizontal-Sliding Visual Display Units
10 11 33.23  Vertical-Sliding Visual Display Units

10 11 36  Visual Display Conference Units

10 11 39  Visual Display Rails
10 11 43  Visual Display Wall Panels
10 11 46  Visual Display Fabrics
10 12 00 Display Cases
10 13 00 Directories
10 13 13 Electronic Directories
10 13 23 Illuminated Directories
10 14 00 Signage
10 14 16 Plaques
10 14 19 Dimensional Letter Signage
10 14 23 Panel Signage
10 14 23.13 Engraved Panel Signage
10 14 26 Post and Panel/Pylon Signage
10 14 33 Illuminated Signage
10 14 43 Photoluminescent Signage
10 14 53 Traffic Signage
10 14 53.13 Transportation Reference Markers
10 14 63 Electronic Message Signage
10 14 64 Audible Signage
10 14 66 Floating Signage
10 14 67 Tactile Signage
10 17 00 Telephone Specialties
10 17 13 Telephone Directory Units
10 17 16 Telephone Enclosures
10 17 16.13 Telephone Stalls
10 17 16.16 Telephone Alcoves
10 17 19 Telephone Shelving
10 18 00 Informational Kiosks
10 20 00 Interior Specialties
10 21 00 Compartments and Cubicles
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10 21 13.13 Metal Toilet Compartments
10 21 13.14 Stainless-Steel Toilet Compartments
10 21 13.16 Plastic-Laminate-Clad Toilet Compartments
10 21 13.17 Phenolic-Core Toilet Compartments
10 21 13.19 Plastic Toilet Compartments
10 21 13.23 Particleboard Toilet Compartments
10 21 13.40 Stone Toilet Compartments
10 21 16 Shower and Dressing Compartments
10 21 16.13 Metal Shower and Dressing Compartments
10 21 16.14 Stainless-Steel Shower and Dressing Compartments
10 21 16.16 Plastic-Laminate-Clad Shower and Dressing Compartments
10 21 16.17 Phenolic-Core Shower and Dressing Compartments
10 21 16.19 Plastic Shower and Dressing Compartments
10 21 16.23 Particleboard Shower and Dressing Compartments
10 21 23 Cubicle Curtains and Track
10 21 23.13 Cubicle Curtains
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10 22 13 Wire Mesh Partitions
10 22 14 Expanded Metal Partitions
10 22 16 Folding Gates
10 22 19 Demountable Partitions
10 22 19.13 Demountable Metal Partitions
10 22 19.23 Demountable Wood Partitions
10 22 19.33 Demountable Plastic Partitions
10 22 19.43 Demountable Composite Partitions
10 22 19.53 Demountable Gypsum Partitions
10 22 19.63 Demountable Glass Partitions
10 22 23 Portable Partitions, Screens, and Panels
10 22 23.13 Wall Screens
10 22 23.23 Movable Panel Systems
10 22 33 Accordion Folding Partitions
10 22 36 Coiling Partitions
10 22 39 Folding Panel Partitions
10 22 39.13 Folding Glass-Panel Partitions
10 22 43 Sliding Partitions
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10 25 13 Patient Bed Service Walls
10 25 16 Modular Service Walls
10 26 00 Wall and Door Protection
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10 26 16 Bumper Guards
10 26 16.13 Bumper Rails
10 26 16.16 Protective Corridor Handrails
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Commercial Plumbing Fixtures

- Commercial Water Closets, Urinals, and Bidets
- Commercial Water Closets
- Commercial Urinals
- Commercial Lavatories and Sinks
- Commercial Lavatories
- Commercial Sinks
- Commercial Bathtubs
- Commercial Showers
- Commercial Disposers
- Shampoo Bowls
- Wash Fountains
- Commercial Laundry Trays
- Commercial Faucets
- Flushometers

Healthcare Plumbing Fixtures

- Healthcare Water Closets
- Healthcare Sinks
- Healthcare Bathtubs
- Healthcare Showers
- Healthcare Disposers
- Healthcare Faucets
- Healthcare Plumbing Fixture
- Flushometers

Emergency Plumbing Fixtures

- Emergency Showers
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- Self-Contained Eyewash Equipment
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22 63 19.70 Healthcare Gas Storage Tanks

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22 66 70 Healthcare Chemical-Waste and Vent Piping
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23 01 10 Operation and Maintenance of Facility Fuel Systems
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32 01 11.51  Rubber and Paint Removal From Paving
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32 01 16.71  Cold Milling Asphalt Paving
32 01 16.72  Asphalt Paving Reuse
32 01 16.73  In Place Cold Reused Asphalt Paving
32 01 16.74  In Place Hot Reused Asphalt Paving
32 01 16.75  Heater Scarifying of Asphalt Paving
32 01 17  Flexible Paving Repair
32 01 17.61  Sealing Cracks in Asphalt Paving
32 01 17.62  Stress-Absorbing Membrane Interlayer
32 01 19  Rigid Paving Surface Treatment
32 01 19.61  Sealing of Joints in Rigid Paving
32 01 19.62  Patching of Rigid Paving
32 01 26  Rigid Paving Rehabilitation
32 01 26.71  Grooving of Concrete Paving
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32 01 26.74  Concrete Overlays
32 01 26.75  Concrete Paving Reuse
32 01 29  Rigid Paving Repair
32 01 29.61  Partial Depth Patching of Rigid Paving
32 01 29.62  Concrete Paving Raising
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32 01 30.13  Snow Removal
32 01 30.80  Operation and Maintenance of Irrigation
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32 01 90.13  Fertilizing
32 01 90.16  Amending Soils
32 01 90.19  Mowing
32 01 90.23  Pruning
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32 01 90.33  Tree and Shrub Preservation
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32 13 16.13 Patterned Concrete Paving
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32 13 73.16 Field-Molded Concrete Paving Joint Sealants
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32 14 13 Precast Concrete Unit Paving
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32 14 13.16 Precast Concrete Unit Paving Slabs
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32 14 16 Brick Unit Paving
32 14 23 Asphalt Unit Paving
32 14 26 Wood Paving
32 14 29 Rubber Paving
32 14 33 Plastic Paving
32 14 33.13 Permeable Plastic Paving
32 14 40 Stone Paving
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32 15 00 Aggregate Surfacing
32 15 13 Cinder Surfacing

32 15 40 Crushed Stone Surfacing
32 15 50 Aggregate-Turf Pavement

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Curbs and Gutters
Steel Faced Curbs
Precast Concrete Curbs and Gutters
Asphalt Curbs
Stone Curbs
Sidewalks
Driveways

32 17 00 Paving Specialties
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Metal Parking Bumpers
Plastic Parking Bumpers
Precast Concrete Parking Bumpers
Rubber Parking Bumpers
Wood Parking Bumpers
Manufactured Traffic-Calming Devices
Pavement Markings
Painted Pavement Markings
Raised Pavement Markings
Plastic Pavement Markings
Tactile Warning Surfacing
Pavement Embedded Warning Lights
Pavement Snow Melting Systems

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Synthetic Grass Surfacing
Synthetic Resilient Surfacing
Playground Protective Surfacing
Athletic Surfacing
Baseball Field Surfacing
Natural Baseball Field Surfacing
Synthetic Baseball Field Surfacing
Field Sport Surfacing
Natural Field Sport Surfacing
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33 05 23 Stainless Steel Utility Pipe and Tubing
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Packaged Stormwater Pumping Stations
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Stormwater Trash and Debris Guards
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Stormwater Pond Fiberglass Outlet Structures
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Appraisal Wells for Gaseous Hydrocarbons
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Production Wells for Gaseous Hydrocarbons
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Gas Injection Wells
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Hydrocarbon Transmission and Distribution

Liquid Hydrocarbon Piping
Gas Hydrocarbon Piping
Steel Natural Gas Piping
Medium Density Polyethylene Piping for Natural Gas
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41 52 00 Bulk Material Storage
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41 52 13.33 Bulk Material Containers
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41 52 16.16 Concrete Masonry Flat-Bottom Silos
41 52 16.23 Concrete Cone-Bottom Silos
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41 52 16.29 Steel Cone-Bottom Silos
41 52 19 Bulk Materials Storage Tanks
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41 52 41 Pneumatic, Block-Distributed Materials Fluidizing System for Flat-Bottom Bins and Silos
41 52 43 Aerated Trough Materials Fluidizing System for Flat-Bottom Bins and Silos
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41 53 19 Flat Files
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41 53 29 Mezzanine Storage Systems
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41 61 00 Mobile Earth Moving Equipment
41 61 13 Backhoes
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41 61 29 Payloaders
# Process Heating, Cooling, and Drying Equipment

## Operation and Maintenance of Process Heating, Cooling, and Drying Equipment

- **42 01 00** Operation and Maintenance of Process Heating Equipment
- **42 01 10** Operation and Maintenance of Process Cooling Equipment
- **42 01 20** Operation and Maintenance of Process Drying Equipment

## Common Work Results for Process Heating, Cooling, and Drying Equipment

- **42 05 00** Selective Demolition for Process Heating, Cooling, and Drying Equipment

## Schedules for Process Heating, Cooling, and Drying Equipment

- **42 06 00** Schedules for Process Heating Equipment
- **42 06 10** Schedules for Process Cooling Equipment
- **42 06 20** Schedules for Process Drying Equipment

## Commissioning of Process Heating, Cooling, and Drying Equipment

- **42 08 00** Commissioning of Heating Equipment
- **42 08 10** Commissioning of Cooling Equipment
- **42 08 20** Commissioning of Drying Equipment

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## General Vehicles

- **41 63 00** General Vehicles
  - **41 63 13** Bicycles
  - **41 63 16** Carts
  - **41 63 19** Maintenance Vehicles
  - **41 63 23** Utility Vehicles
  - **41 63 26** Vans
  - **41 63 29** Wagons

## Rail Vehicles

- **41 64 00** Rail Vehicles
  - **41 64 13** Locomotives
  - **41 64 13.13** Diesel Locomotives
  - **41 64 13.23** Electric Locomotives
  - **41 64 16** Mobile Railcar Movers

## Mobile Support Equipment

- **41 65 00** Mobile Support Equipment
  - **41 65 13** Mobile Air Compressors
  - **41 65 16** Mobile Generators
  - **41 65 19** Mobile Welders

## Miscellaneous Mobile Equipment

- **41 66 00** Miscellaneous Mobile Equipment
  - **41 66 13** Mobile Boring and Drilling Rigs
  - **41 66 16** Mobile Lifts and Cherrypickers
  - **41 66 19** Mobile Paving Equipment
  - **41 66 23** Mobile Sweepers/Vacuums

## Plant Maintenance Equipment

- **41 67 00** Plant Maintenance Equipment
  - **41 67 13** Plant Lube Oil System
  - **41 67 16** Plant Fall Protection Equipment
  - **41 67 19** Plant Safety Equipment
  - **41 67 23** Plant Maintenance Tools
  - **41 67 26** Plant Maintenance Washing Equipment
42 10 00 Process Heating Equipment
42 11 00 Process Boilers
42 11 13 Low-Pressure Process Boilers
42 11 16 Intermediate-Pressure Process Boilers
42 11 19 High-Pressure Process Boilers
42 11 23 Specialty Process Boilers
42 12 00 Process Heaters
42 12 13 Electric Process Heaters
42 12 16 Fuel-Fired Process Heaters
42 12 19 Thermoelectric Process Heaters
42 12 23 Solar Process Heaters
42 12 26 Specialty Process Heaters
42 13 00 Industrial Heat Exchangers and Recuperators
42 13 13 Industrial Gas-to-Gas Heat Exchangers
42 13 16 Industrial Liquid-to-Gas/Gas-to-Liquid Heat Exchangers
42 13 19 Industrial Liquid-to-Liquid Heat Exchangers
42 13 23 Industrial Gas Radiation Heat Exchangers
42 13 26 Industrial Solar Radiation Heat Exchangers
42 14 00 Industrial Furnaces
42 14 13 Annealing Furnaces
42 14 16 Atmosphere Generators
42 14 19 Industrial Baking Furnaces
42 14 23 Industrial Brazing Furnaces
42 14 26 Industrial Calcining Furnaces
42 14 29 Industrial Heat-Treating Furnaces
42 14 33 Industrial Melting Furnaces
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42 14 36 Primary Refining Furnaces
42 14 43 Reactor Furnaces
42 14 46 Industrial Reheat Furnaces
42 14 53 Industrial Sintering Furnaces
42 14 56 Industrial Vacuum Furnaces

42 15 00 Industrial Ovens
42 15 13 Industrial Drying Ovens
42 15 16 Industrial Curing Ovens
42 15 19 Industrial Specialty Ovens

42 20 00 Process Cooling Equipment
42 21 00 Process Cooling Towers
42 21 13 Open-Circuit Process Cooling Towers
42 21 16 Closed-Circuit Process Cooling Towers
42 22 00 Process Chillers and Coolers
42 22 13 Centrifugal Process Chillers and Coolers
42 22 16 Reciprocating Process Chillers and Coolers
42 22 19 Refrigerant Process Chillers and Coolers
42 22 23 Rotary Process Chillers and Coolers
42 22 26 Thermoelectric Process Chillers and Coolers

42 23 00 Process Condensers and Evaporators
42 23 13 Process Condensers
42 23 16 Process Cooling Evaporators
42 23 19 Process Humidifiers

42 30 00 Process Drying Equipment
42 31 00 Gas Dryers and Dehumidifiers
42 31 13 Drying Evaporators
42 31 16 Desicant Equipment
42 31 19 Regenerative Dryers
42 31 23 Refrigerant Dryers

42 32 00 Material Dryers
42 32 13 Centrifugal Material Dryers
42 32 16 Conveyor Material Dryers
42 32 19 Flash Material Dryers
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**43 00 00 Process Gas and Liquid Handling, Purification, and Storage Equipment**

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**43 05 00 Common Work Results for Process Gas and Liquid Handling, Purification, and Storage Equipment**

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**43 06 00 Schedules for Process Gas and Liquid Handling, Purification, and Storage Equipment**

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**43 08 00 Commissioning of Process Gas and Liquid Handling, Purification, and Storage Equipment**

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| 43 12 57 | Rotary Scroll Compressors |

| 43 13 00 | **Gas Process Equipment** |
| 43 13 13 | Gas Blenders |
| 43 13 19 | Gas Mixers |
| 43 13 23 | Gas Pressure Regulators |
| 43 13 31 | Gas Separation Equipment |
| 43 13 33 | Gas Dehydration Equipment |
| 43 13 36 | Combined Gas Separation and Dehydration Equipment |
| 43 13 39 | Gas Recovery and Condensing Equipment |
| 43 13 43 | Waste Gas Burner System |
| 43 13 46 | Gas Control and Safety Equipment |

| 43 15 00 | **Process Air and Gas Filters** |
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| 43 15 13.13 | Static Prefilters |
| 43 15 13.16 | Static Final Filters |
| 43 15 13.19 | Static HEPA Filters |
| 43 15 13.23 | Pulse Filters |
| 43 15 33 | Grease Filters |
| 43 15 43 | Mist Eliminators |
| 43 15 63 | High-temperature Air Filters |
| 43 15 73 | Multiple-application Air Filters |
| 43 15 73.11 | Air Filter Media |
| 43 15 73.12 | Permanent Washable Filters |
| 43 15 73.13 | Poly-ring Air Filters |
| 43 15 73.15 | Rigid Cell Filters |
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| 43 20 00 | **Liquid Handling Equipment** |
| 43 22 00 | **Liquid Process Equipment** |
| 43 22 11 | Process Water Electronic Conditioning Equipment |
| 43 22 13 | Liquid Aeration Devices |
| 43 22 16 | Liquid Agitators |
| 43 22 19 | Liquid Blenders |
| 43 22 23 | Liquid Centrifuges |
| 43 22 26 | Liquid Deaerators |
43 22 29 Drum Handling Liquid Process Equipment
43 22 33 Liquid Emulsifiers
43 22 36 Liquid Evaporators
43 22 39 Liquid Feeders
43 22 56 Liquid Process Mixers
43 22 59 Liquid Process Pressure Regulators
43 22 63 Liquid Separation Towers
43 22 66 Liquid Weigh Systems
43 22 69 Liquid Grease Receiving and Dewatering Systems
43 22 73 Liquid Fillers
43 22 76 Liquid Screeners
43 22 79 Liquid Clarifiers
43 22 83 Liquid Classifiers
43 22 86 Liquid Homogenizers
43 22 89 Liquid Presses
43 22 96 Liquid Versators
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43 23 00 Dry Location Liquid Pumps
43 23 13 Overhung Horizontal Centrifugal Pumps
43 23 13.13 Overhung Flexibly-coupled Horizontal Axial Flow Centrifugal Pumps
43 23 13.14 Overhung Flexibly-coupled Horizontal Frame-mounted Centrifugal Pumps
43 23 13.17 Overhung Flexibly-coupled Horizontal Foot-mounted Centrifugal Pumps
43 23 13.19 Overhung Flexibly-coupled Horizontal Foot-mounted Self-priming Centrifugal Pumps
43 23 13.21 Overhung Flexibly-coupled Horizontal Centerline-mounted Centrifugal Pumps
43 23 13.23 Overhung Flexibly-coupled Magnetic Drive, Sealless Horizontal Centrifugal Pumps
43 23 13.24 Overhung Close-coupled High-speed Integral Gear Centrifugal Pumps
43 23 13.27 Overhung Close-coupled Horizontal Centrifugal Pumps
43 23 13.29 Overhung Close-coupled Sealless with Canned Motor Horizontal Centrifugal Pumps
43 23 21 Between-Bearings Impeller Centrifugal Pumps
43 23 21.13 Between-bearings Impeller, One- and Two-stage Axially-split Centrifugal Pumps
43 23 21.14 Between-bearings Impeller, One- and Two-stage, Radially-split Centrifugal Pumps
43 23 21.17 Between-bearings Impeller, Multiple-stage, Axially-split Centrifugal Pumps
43 23 21.19 Between-bearings Impeller, Multiple-stage, Radially-split Centrifugal Pumps
43 23 21.21 Between-bearings Impeller, Multiple-stage, Radially-split, Single Casing Centrifugal Pumps
43 23 21.23 Between-bearings Impeller, Multiple-stage, Radially-split, Double Casing Centrifugal Pumps
43 23 31 Vertical Centrifugal Pumps
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43 23 31.14 Overhung Flexibly-coupled Vertical Inline Centrifugal Pumps
43 23 31.17 Overhung Flexibly-coupled Vertical End-suction Centrifugal Pumps
43 23 31.19 Overhung Flexibly-coupled Magnetic Drive, Sealless Vertical Centrifugal Pumps
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43 23 31.24 Overhung Close-coupled Sealless with Canned Motor Vertical Centrifugal Pumps
43 23 31.27 Overhung Rigidly-coupled Vertical Inline Centrifugal Pumps
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43 23 51 Vane Pumps
43 23 53 Piston Pumps
Air-Operated Piston Simplex Single-Acting Reciprocating Pumps

Air-Operated Piston Simplex Double-Acting Reciprocating Pumps

Air-Operated Piston Duplex Single-Acting Reciprocating Pumps

Air-Operated Piston Duplex Double-Acting Reciprocating Pumps

Steam Horizontal Reciprocating Pumps

Steam Horizontal Double-Acting Piston Simplex Reciprocating Pumps

Steam Horizontal Double-Acting Piston Duplex Reciprocating Pumps

Steam Horizontal Double-Acting Plunger Simplex Reciprocating Pumps

Steam Horizontal Double-Acting Plunger Duplex Reciprocating Pumps

Steam Vertical Reciprocating Pumps

Steam Vertical Double-Acting Piston Simplex Reciprocating Pumps

Steam Vertical Double-Acting Piston Duplex Reciprocating Pumps

Steam Vertical Double-Acting Plunger Simplex Reciprocating Pumps

Steam Vertical Double-Acting Plunger Duplex Reciprocating Pumps

Power Horizontal Reciprocating Pumps

Power Horizontal Single-Acting Piston Simplex Reciprocating Pumps

Power Horizontal Single-Acting Piston Duplex Reciprocating Pumps

Power Horizontal Single-Acting Piston Multiplex Reciprocating Pumps
43 23 76.21  Power Horizontal Single-Acting Plunger Simplex Reciprocating Pumps
43 23 76.22  Power Horizontal Single-Acting Plunger Duplex Reciprocating Pumps
43 23 76.23  Power Horizontal Single-Acting Plunger Multiplex Reciprocating Pumps
43 23 76.31  Power Horizontal Double-Acting Piston Simplex Reciprocating Pumps
43 23 76.32  Power Horizontal Double-Acting Piston Duplex Reciprocating Pumps
43 23 76.33  Power Horizontal Double-Acting Piston Multiplex Reciprocating Pumps
43 23 76.41  Power Horizontal Double-Acting Plunger Simplex Reciprocating Pumps
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43 23 76.43  Power Horizontal Double-Acting Plunger Multiplex Reciprocating Pumps
43 23 77  Power Vertical Reciprocating Pumps
43 23 77.11  Power Vertical Single-Acting Piston Simplex Reciprocating Pumps
43 23 77.12  Power Vertical Single-Acting Piston Duplex Reciprocating Pumps
43 23 77.13  Power Vertical Single-Acting Piston Multiplex Reciprocating Pumps
43 23 77.21  Power Vertical Single-Acting Plunger Simplex Reciprocating Pumps
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43 23 78.11  Controlled Volume Horizontal Packed Plunger Simplex Reciprocating Pumps
43 23 78.12  Controlled Volume Horizontal Packed Plunger Duplex Reciprocating Pumps
43 23 78.13  Controlled Volume Horizontal Packed Plunger Multiplex Reciprocating Pumps
43 23 78.21  Controlled Volume Horizontal Packed Piston Simplex Reciprocating Pumps
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43 23 78.31  Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps
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43 23 78.33  Controlled Volume Horizontal Mechanically-Coupled Diaphragm Multiplex Reciprocating Pumps
43 23 78.34  Controlled Volume Horizontal Hydraulically-Coupled Diaphragm Simplex Reciprocating Pumps
43 23 78.35  Controlled Volume Horizontal Hydraulically-Coupled Diaphragm Duplex Reciprocating Pumps
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43 26 30.29 Between-Bearings Impeller Two-Stage Regenerative Turbine Pumps
43 26 40 Regenerative Turbine Pumps
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43 26 70 Rotating-Case Pumps
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43 27 13 Cyclonic Liquid Filters
43 27 16 Centrifugal Horizontal Pressure Leaf Liquid Filters
43 27 19 Press Liquid Filters
43 27 23 Liquid Bag Filters
43 27 33 Mechanically Cleaned Liquid Filters
43 27 43 Tubular Backwashing Liquid Filters
43 27 53 Vacuum Belt Liquid Filters
43 27 63 Woven Media Liquid Filters
43 27 63.13 Disc Liquid Filters
43 27 63.23 Rotating Drum Liquid Filters
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43 31 00 Gas and Liquid Purification Filtration Equipment
43 31 13 Gas and Liquid Purification Filters
43 31 13.13 Activated Carbon-Gas and Liquid Purification Filters
43 31 13.16 Gas and Liquid Purification Filter Presses
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43 31 13.23 Membrane Diaphragm Gas and Liquid Purification Filters
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43 32 13 Gas and Liquid Purification Process Beds
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43 32 13.16 Cation-Gas and Liquid Purification Process Beds
43 32 23 Gas and Liquid Purification Process Clarifier Systems
43 32 26 Gas and Liquid Purification Decarbonators
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43 32 36 Mixed-Bed Ion-Exchange Vessels
43 32 39 Gas and Liquid Purification Mixed Beds
43 32 39.13 Externally Regenerable Gas and Liquid Purification Mixed Beds
43 32 39.16 In-Situ Regenerable Gas and Liquid Purification Mixed Beds
43 32 53 Packed-Bed Ion-Exchange Vessels
43 32 56 Reverse-Osmosis Purification Units
43 32 59 Gas and Liquid Purification Scrubbers
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43 32 69 Chemical Feed Systems
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43 40 00 Gas and Liquid Storage
43 41 00 Non-pressurized Tanks and Vessels
43 41 11 Bolted Steel Tanks
43 41 13 Welded Steel Tanks
43 41 13.13 Glass-lined Welded Steel Tanks
43 41 13.23 Rubber-lined Welded Steel Tanks
43 41 13.33 Epoxy-lined Welded Steel Tanks
43 41 13.43 Ceramic-lined Welded Steel Tanks
43 41 23 Stainless Steel Tanks
43 41 26 Aluminum Tanks
43 41 31 Metallic Specialty Tanks
43 41 41 Polyvinyl Chloride Tanks
43 41 43 Polyethylene Tanks
43 41 45 Fiberglass Reinforced Plastic Tanks
43 41 53 Wood Stave Tanks
43 41 63 Precast Concrete Tanks
43 41 73 Ceramic Tanks
43 41 83 Non-metallic Specialty Tanks

43 42 00 Pressurized Tanks and Vessels
43 42 11 Cast Iron Pressure Tanks
43 42 13 Ductile Iron Pressure Tanks
43 42 21 Welded Steel Pressure Tanks
43 42 23 Glass-lined Steel Pressure Tanks
43 42 26 Welded Steel Gas Storage Sphere
43 42 33 Stainless Steel Pressure Tanks
43 42 36 Aluminum Pressure Tanks
43 42 41 Metallic Specialty Pressure Tanks
43 42 53 Fiberglass Reinforced Plastic Pressure Tanks
43 42 83 Non-metallic Specialty Pressure Tanks

44 00 00 Pollution and Waste Control Equipment

44 01 00 Operation and Maintenance of Pollution and Waste Control Equipment
44 01 10 Operation and Maintenance of Air Pollution Control
44 01 20 Operation and Maintenance of Noise Pollution Control
44 01 30 Operation and Maintenance of Odor Control Equipment
44 01 40 Operation and Maintenance of Water Pollution Control Equipment
44 01 50 Operation and Maintenance of Solid Waste Control and Reuse
44 01 60 Operation and Maintenance of Waste Thermal Processing Equipment

44 05 00 Common Work Results for Pollution and Waste Control Equipment
44 05 05 Selective Demolition for Pollution and Waste Control Equipment

44 06 00 Schedules for Pollution and Waste Control Equipment
44 06 10 Schedules for Air Pollution Control
44 06 20 Schedules for Noise Pollution Control
44 06 30 Schedules for Odor Control Equipment
44 06 40 Schedules for Water Pollution Control Equipment
44 06 50 Schedules for Solid Waste Control and Reuse
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44 08 00 **Commissioning of Pollution and Waste Control Equipment**
44 08 10 Commissioning of Air Pollution Control
44 08 20 Commissioning of Noise Pollution Control
44 08 30 Commissioning of Odor Control Equipment
44 08 40 Commissioning Water Pollution Control Equipment
44 08 50 Commissioning Solid Waste Control and Reuse
44 08 60 Commissioning of Waste Thermal Processing Equipment

**44 10 00 Air Pollution Control**

**44 11 00 Particulate Control Equipment**

44 11 13 Fugitive Dust Control
44 11 16 Fugitive Dust Barrier Systems
44 11 19 Atmospheric Air Quality Monitoring Equipment
44 11 20 Gravitational Separators
44 11 31 Venturi Scrubbing Equipment
44 11 33 Spray Tower/Chamber Scrubbing Equipment
44 11 36 Cyclone Scrubbing Equipment
44 11 51 Pulse Jet Fabric Filtration Equipment
44 11 53 Reverse Flow Fabric Filtration Equipment
44 11 54 Shake/Deflate Fabric Filtration Equipment
44 11 56 Cartridge Filtration Equipment

44 11 59 Disposable Dry Filtration Equipment
44 11 71 Cyclone Dust Collection Equipment
44 11 73 Multicyclone Dust Collection Equipment
44 11 76 Mist Elimination Equipment
44 11 93 Wet Electrostatic Precipitator Equipment
44 11 96 Dry Plate Electrostatic Precipitator Equipment

**44 13 00 Gaseous Air Pollution Control Equipment**

44 13 11 Spray Tower/Chamber Absorption Equipment
44 13 13 Packed Tower/Chamber Absorption Equipment
44 13 14 Tray Tower Absorption Equipment
44 13 16 Jet Bubbling Reactor Equipment
44 13 17 Venturi Absorption Equipment
44 13 20 Vacuum Extraction Systems
44 13 31 Powdered Injection Adsorption Equipment
44 13 33 Fluidized Bed Adsorption Equipment
44 13 34 Fixed Bed Adsorption Equipment
44 13 36 Rotary Bed Adsorption Equipment
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44 13 51 Thermal Oxidation Equipment
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44 13 56 Flare Oxidation Equipment
44 13 59 Claus Sulfur Recovery Equipment
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Compost Liquid Extraction Equipment

Waste Thermal Processing Equipment

Waste-to-Energy Plants

Waste Receiving, Management, and Feed Equipment

Mass Burn Combustion Equipment

Refuse-derived Fuel Feed Equipment

Refuse-derived Fuel Combustion Equipment

Modular Combustion System Equipment

Ash Handling Equipment

Post-combustion Ferrous Metals Recovery Equipment

Post-combustion Non-ferrous Metals Recovery Equipment

Fluidized Bed Combustion Equipment

Rotary Kiln Incinerators

Gasification Equipment

Counter-current Fixed Bed Gasification Equipment

Co-current Fixed Bed Gasification Equipment

Fluidized Bed Gasification Equipment

Entrained Flow Gasification Equipment

Plasma Arc Gasification Equipment

Pyrolysis Equipment

Hazardous Waste and Medical Waste Incinerators

Heat Recovery Equipment for Waste Thermal Processing
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46 05 00  Common Work Results for Water and Wastewater Equipment
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