

***Revenue Rulings, Revenue Procedures, Notices and Announcements***

*Revenue Rulings, Revenue Procedures, Notices and Announcements*

1987

*Revenue Procedures*

*Rev. Proc. 87-56, 1987-2 C.B. 674*

**Rev. Proc. 87-56, 1987-2 C.B. 674**

**Clarified and modified by Rev. Proc. 88-22.**

**SECTION 1. PURPOSE**

The purpose of this revenue Procedure is to set forth the class lives of property that are necessary to compute the depreciation allowances available under section 168 of the Internal Revenue Code, as amended by section 201(a) of the Tax Reform Act of 1986 (Act), 1986-3 (Vol. 1) C.B. 38. Rev. Proc. 87-57, page 17, this Bulletin, describes the applicable depreciation methods, applicable recovery periods, and applicable conventions that must be used in computing depreciation allowances under section 168 .

**SEC. 2. GENERAL RULES OF APPLICATION**

.1 IN GENERAL. This revenue Procedure specifies class lives and recovery periods for property subject to depreciation under the general depreciation system provided in section 168(a) of the Code or the alternative depreciation system provided in section 168(g).

.2 DEFINITION OF CLASS LIFE. Except with respect to certain assigned property described in section 3 of this revenue procedure, for purposes of both the general depreciation system and the alternative depreciation system, the term "class life" means the class life that would be applicable for any property as of January 1, 1986, under section 167(m) of the Code (determined without regard to paragraph 4 thereof and determined as if the taxpayer had made an election under section 167(m)). The class life that would be applicable for any property as of January 1, 1986, under section 167(m) , is the asset guideline period (midpoint class life) for the asset guideline class in which such property is classified under Rev. Proc. 83-35, 1983-1 C.B. 745. However, for purposes of the alternative depreciation system, section 168(g)(3)(B) assigns a class life to certain property that is taken into account under section 168 rather than the class life that would be applicable as of January 1, 1986. The class life of property that is either determined as of January 1, 1986, under Rev. Proc. 83-35 or assigned under section 168(g)(3)(B) may be modified by the Secretary pursuant to authority granted under section 168(i) (1). See section 4 of this revenue procedure.

.3 Rev. Proc. 83-35. Rev. Proc. 83-35 sets out the asset guideline classes, asset guideline periods and ranges, and annual asset guideline repair allowance percentages for the Class Life Asset Depreciation Range System. The asset guideline periods (midpoint class lives) set out in Rev. Proc. 83-35 are also used in defining the classes of recovery property under the Accelerated Cost Recovery System (that is, section 168 of the Code as in effect prior to amendment by section 201 of the Act). Rev. Proc. 83-35 remains effective for property subject to depreciation under those systems. Rev. Proc. 83-35 does not apply to property subject to depreciation under section 168, other than as a basis for determining the class lives of such property under section 2.02 of this revenue Procedure.

.4 PROPERTY WITH NO CLASS LIFE. Property that is neither described in an asset guideline class listed in section 5 of this revenue procedure nor assigned a class life under section 168(g)(3)(B) of the Code is treated as property having no class life for purposes of section 168 unless and until a class life is prescribed by the Secretary pursuant to the authority granted under section 168(i)(1). See section 4 of

this revenue procedure. The general and alternative depreciation systems contain separate rules for classifying property that does not have a class life.

### **SEC. 3. ASSIGNED PROPERTY WITH ASSIGNED CLASS LIVES, RECOVERY CLASSES, OR RECOVERY PERIODS**

Under section 168(i)(1)(E) of the Code, the term "assigned property" means property for which a class life, recovery class, or recovery period is assigned under section 168(e)(3) or section 168(g)(3)(B), (C), or (D), and the term "assigned item" means the class life, recovery class, or recovery period assigned under section 168(e)(3) or section 168(g)(3)(B), (C), or (D). For purposes of the general depreciation system assigned property under section 168(c)(3) is assigned to a recovery class without regard to such property's class life. (See section 3.02 of Rev. Proc. 87-57, this Bulletin.) For purposes of the alternative depreciation system, certain assigned property is assigned a class life under section 168(g)(3)(B), notwithstanding such property's class life as set out in Rev. Proc. 83-35. See section 3.03 of Rev. Proc. 87-57, this Bulletin. For purposes of the alternative depreciation system, certain assigned property is assigned a recovery period under section 168(g)(3)(C), (D), or (E), notwithstanding such property's class life (if any).

### **SEC. 4. PRESCRIPTION AND MODIFICATION OF CLASS LIVES**

.1 Section 168(i)(1)(B) of the Code provides that the Secretary, through an office established in the Treasury, shall monitor and analyze actual experience with respect to all depreciable assets. Except in the case of section 1250 property that is residential rental property or nonresidential real property, the Secretary, through that office, (i) may prescribe a new class life for any property, (ii) in the case of assigned property, may modify any assigned item, or (iii) may prescribe a class life for any property that does not have a class life within the meaning of section 2.02 of this revenue Procedure. Any class life or assigned item that is prescribed or modified pursuant to this authority shall be used for all purposes in determining depreciation allowances under the general depreciation system and the alternative depreciation system. In the case of assigned property as defined in section 168(i)(1)(E), no class life set forth in this revenue Procedure nor any other assigned item may be modified, unless such modification reflects a shortening of such class life, for property placed in service prior to January 1, 1992.

.2 Prescription or modification of class lives under the authority granted in section 168(i)(1)(B) of the Code shall reflect the anticipated useful lives, and the anticipated decline in value over time (that is, economic depreciation) of an asset to the industry or other group. Rules and practices governing prescription and modification of class lives pursuant to the authority granted in section 168(i)(1)(B) shall be announced through the office referred to in section 4.01 of this revenue procedure.

### **SEC. 5. TABLES OF CLASS LIVES AND RECOVERY PERIODS**

.1 Except for property described in section 5.02, below, the class lives (if any) and recovery periods for property subject to depreciation under section 168 of the Code appear in the tables below. These tables are based on the definition of class life in section 2.02 of this revenue procedure and the assigned items described in section 3 of this revenue procedure.

.2 For purposes of depreciation under the general depreciation system, residential rental property has a recovery period of 27.5 years and nonresidential real property has a recovery period of 31.5 years. For purposes of the alternative depreciation system, residential rental and nonresidential real property each has a recovery period of 40 years.

.3 Generally, the asset classes in the tables are incorporated from the asset guideline classes in Rev. Proc. 83-35 as of January 1, 1986. However, descriptions of the following asset classes have been

amended or added: 00.12, 00.3, 01.221, 01.222, 01.3, 01.4, 36.0, 36.1, 40.4, 48.12, 48.121, 48.31-48.45, 50 and 51. Certain asset guideline classes in Rev. Proc. 83-35 included property on the basis of regulated accounts. For purposes of section 168 of the Code and this revenue procedure, asset classes include property described therein without regard to whether a taxpayer is a regulated public utility or an unregulated company.

.4 In addition to specifying class lives for each asset guideline class, the tables list certain property for which a recovery period is assigned, notwithstanding such property's class life (if any). See section 3 of this revenue Procedure. The listed assigned property classes (denoted A-E) generally do not correspond to asset guideline classes for which class lives are specified in the tables. The class life (if any) of an item of assigned property described in classes A-E is determined by reference to the asset guideline class (if any) containing such item of property. If an item of assigned property described in classes A-E is not contained in any asset guideline class, such item of property has no class life.

**EXAMPLES.** Qualified technological equipment as defined in section 168(i)(2) (class B) is assigned a recovery period of 5 years for both the general and alternative depreciation systems, notwithstanding such property's class life (if any). Property which is a computer or peripheral equipment, high technology telephone station equipment installed on the customer's premises or high technology medical equipment within the meaning of section 168(i)(2), may be described in asset guideline class 00.12 (class life 6 years), 48.13 (class life 10 years) or 57.0 (class life 9 years), respectively. Property used in connection with research and experimentation referred to in section 168(e)(3)(B) (class C) is assigned a recovery period of 5 years for the general depreciation system, notwithstanding its class life (if any). Such property's recovery period for the alternative depreciation system is based on its class life (if any). An item of property used in connection with research and experimentation has a class life if such property is contained in an asset guideline class.

.5 The following special rules are incorporated from Rev. Proc. 83-35, sections 2.02(iii) and (iv):

1. Asset guideline class 00.3, "Land Improvements," includes "other tangible property" that qualifies under section 1.48-1(d) of the Income Tax Regulations. However, a structure that is essentially an item of machinery or equipment or a structure that houses property used as an integral part of an activity specified in section 48(a)(1)(B)(i) of the Code, if the use of the structure is so closely related to the use of the property that the structure clearly can be expected to be replaced when the property it initially houses is replaced, is included in the asset guideline class appropriate to the equipment to which it is related.

.2 Asset class 30.11 includes general rebuilding or rehabilitation costs for the special tools defined in class 30.11 that have been traditionally capitalized as the cost of a new asset.

**SEC. 6. EFFECT ON OTHER Revenue Procedures**

Rev. Proc. 83-35 is obsoleted for property that is subject to section 168 of the Code.

The principal author of this revenue Procedure is Mr. Rick Robbins of the Corporation Tax Division. For further information regarding this revenue Procedure, contact Mr. Rick Robbins on (202) 566-4440 (not a toll-free call).

		Recovery Periods (in years)		
Asset class	Description of assets included	Class Life (in years)	General Depre- ciation System	Alternative Depre- ciation System

---

SPECIFIC DEPRECIABLE ASSETS USED IN ALL BUSINESS ACTIVITIES, EXCEPT  
AS NOTED:

1.11 OFFICE FURNITURE, FIXTURES  
AND EQUIPMENT:

Includes furniture and fixtures that are not a structural component of a building. Includes such assets as desks, files, safes, and communications equipment. Does not include communications equipment that is included in other classes

10	7	10
----	---	----

00.12 INFORMATION SYSTEMS:

Includes computers and their peripheral equipment used in administering normal business transactions and the maintenance of business records, their retrieval and analysis.

Information systems are defined as:

1) Computers: A computer is a programmable electronically activated device capable of accepting information, applying prescribed processes to the information, and supplying the results of these processes with or without human intervention. It usually consists of a central processing unit containing extensive storage, logic, arithmetic, and control capabilities. Excluded from this category are adding machines, electronic desk calculators, etc. and other equipment described in class 00.13

2) Peripheral equipment consists of the auxiliary machines which are designed to be placed under control of the central processing unit.

Nonlimiting examples are: Card readers, card punches, magnetic tape fees, high speed printers, optical character readers, tape cassettes, mass storage units, paper tape equipment, keypunches, data entry devices, teleprinters, terminals, tape drives, disc drives, disc files, disc packs, visual image projector tubes, card sorters, plotters, and collators. Peripheral equipment may be used on-line or off-line.

Does not include equipment that is an integral part of other capital equipment that is included in other classes of economic activity, i.e., computers used primarily for process or production control, switching, channeling, and automating distributive trades and services such as point of sale (POS) computer systems. Also, does not include equipment of a kind used primarily for amusement or entertainment of the user

6 5 \1/ 5 \1/

00.13 DATA HANDLING EQUIPMENT, EXCEPT COMPUTERS:

Includes only typewriters, calculators, adding and accounting machines, copiers, and duplicating equipment

6 5 6

00.21 AIRPLANES (AIRFRAMES AND ENGINES), EXCEPT THOSE USED IN COMMERCIAL OR CONTRACT CARRYING OF PASSENGERS OR FREIGHT, AND ALL HELICOPTERS (AIRFRAMES AND ENGINES)

6 5 6

00.22 AUTOMOBILES, TAXIS

3 5 5

00.23 BUSES

9 5 9

1.241 LIGHT GENERAL PURPOSE TRUCKS:

	Includes trucks for use over the road (actual unloaded weight less than 13,000 pounds)	4	5	5
1.242	HEAVY GENERAL PURPOSE TRUCKS:			
	Includes heavy general purpose trucks, concrete ready mix-truckers, and ore trucks, for use over the road (actual unloaded weight 13,000 pounds or more)	6	5	6
00.25	RAILROAD CARS AND LOCOMOTIVES, EXCEPT THOSE OWNED BY RAILROAD TRANSPORTATION COMPANIES	15	7	15
00.26	TRACTOR UNITS FOR USE OVER-THE-ROAD	4	3	4
00.27	TRAILERS AND TRAILER-MOUNTED CONTAINERS	6	5	6
00.28	VESSELS, BARGES, TUGS, AND SIMILAR WATER TRANSPORTATION EQUIPMENT, EXCEPT THOSE USED IN MARINE CONSTRUCTION	18	10	18
00.3	LAND IMPROVEMENTS:			
	Includes improvements directly to or added to land, whether such improvements are section 1245 property or section 1250 property, provided such improvements are depreciable. Examples of such assets might include sidewalks, roads, canals, waterways, drainage facilities, sewers (not including municipal sewers in Class 51), wharves and docks, bridges, fences, landscaping, shubbery, or radio and television transmitting towers. Does not include land improvements that are explicitly included in any other class, and buildings and structural components as defined in section 1.48-1(e) of the regulations.			

Excludes public utility initial clearing and grading land improvements as specified in Rev. Rul. 72-403, 1972-2 C.B. 102

20	15	20
----	----	----

00.4 INDUSTRIAL STEAM AND ELECTRIC GENERATION AND/OR DISTRIBUTION SYSTEMS:

Includes assets, whether such assets are section 1245 property or 1250 property, providing such assets are depreciable, used in the production and/or distribution of electricity with rated total capacity in excess of 500 Kilowatts and/or assets used in the production and/or distribution of steam with rated total capacity in excess of 12,500 pounds per hour for use by the taxpayer in its industrial manufacturing process or plant activity and not ordinarily available for sale to others. Does not include buildings and structural components as defined in section 1.48-1(e) of the regulations. Assets used to generate and/or distribute electricity or steam of the type described above but of lesser rated capacity are not included, but are included in the appropriate manufacturing equipment classes elsewhere specified. Also includes electric generating and steam distribution assets, which may utilize steam produced by a waste reduction and resource recovery plan, used by the taxpayer in its industrial manufacturing process or plant activity. Steam and chemical recovery boiler systems used for the recovery and regeneration of chemicals used in manufacturing, with rated capacity in excess of

that described above, with specifically related distribution and return systems are not included but are included in appropriate manufacturing equipment classes elsewhere specified. An example of an excluded steam and chemical recovery boiler system is that used in the pulp and paper manufacturing industry

22            15            22

Recovery Periods  
(in years)

Asset class	Description of assets included	Class Life (in years)	General Depreciation System	Alternative Depreciation System
-------------	--------------------------------	-----------------------	-----------------------------	---------------------------------

DEPRECIABLE ASSETS USED IN THE FOLLOWING ACTIVITIES:

01.1 AGRICULTURE:

Includes machinery and equipment, grain bins, and fences but no other land improvements, that are used in the production of crops or plants, vines, and trees; livestock; the operation of farm dairies, nurseries, greenhouses, sod farms, mushroom cellars, cranberry bogs, apiaries, and fur farms; the performance of agriculture, animal husbandry, and horticultural services

10            7            10

01.11 COTTON GINNING ASSETS            12            7            12

01.21 CATTLE, BREEDING OR DAIRY            7            5            7

01.22 HORSES, BREEDING OR WORK            10            7            10

1.221 ANY HORSE THAT IS NOT A RACE HORSE AND THAT IS MORE THAN 12 YEARS OLD AT THE TIME IT IS PLACED IN SERVICE            10            3            10

1.222	ANY RACE HORSE THAT IS MORE THAN 2 YEARS OLD AT THE TIME IT IS PLACED IN SERVICE	\2/	3	12
01.23	HOGS, BREEDING	3	3	3
01.24	SHEEP AND GOATS, BREEDING	5	5	5
01.3	FARM BUILDING EXCEPT STRUCTURES INCLUDED IN CLASS 01.4	25	20	25
01.4	SINGLE PURPOSE AGRICULTURAL OR HORTICULTURAL STRUCTURES (WITHIN THE MEANING OF SECTION 48(p) OF THE CODE)	15	7	15
10.0	MINING:			
	Includes assets used in the mining and quarrying of metallic and nonmetallic minerals (including sand, gravel, stone, and clay) and the milling, beneficiation and other primary preparation of such materials	10	7	10
13.0	OFFSHORE DRILLING:			
	Including assets used in offshore drilling for oil and gas such as floating, self-propelled and other drilling vessels, barges, platforms, and drilling equipment and support vessels such as tenders, barges, towboats and crewboats. Excludes oil and gas production assets	7.5	5	7.5
13.1	DRILLING OF OIL AND GAS WELLS:			
	Includes assets used in the drilling of onshore oil and gas wells and the provision of geophysical and other exploration services; and the provision of such oil and gas field services as chemical treatment, plugging and			

abandoning of wells and cementing or perforating well casings. Does not include assets used in the performance of any of these activities and services by integrated petroleum and natural gas producers for their own account

6 5 6

13.2 EXPLORATION FOR AND PRODUCTION OF PETROLEUM AND NATURAL GAS DEPOSITS:

Includes assets used by petroleum and natural gas producers for drilling of wells and production of petroleum and natural gas, including gathering pipelines and related storage facilities. Also includes petroleum and natural gas offshore transportation facilities used by producers and others consisting of platforms (other than drilling platforms classified in Class 13.0), compression or pumping equipment, and gathering and transmission lines to the first onshore transshipment facility. The assets used in the first onshore transshipment facility are also included and consist of separation equipment (used for separation of natural gas, liquids, and solids), compression or pumping equipment (other than equipment classified in Class 49.23), and liquid holding or storage facilities (other than those classified in Class 49.25). Does not include support vessels

14 7 14

13.3 PETROLEUM REFINING:

Includes assets used for the distillation, fractionation, and catalytic cracking of crude

	petroleum into gasoline and its other components	16	10	16
15.0	CONSTRUCTION:			
	Includes assets used in construction by general building, special trade, heavy and marine construction contractors, operative and investment builders, real estate subdividers and developers, and others except railroads	6	5	6
20.1	MANUFACTURE OF GRAIN AND GRAIN MILL PRODUCTS:			
	Includes assets used in the production of flours, cereals, livestock fees, and other grain and grain mill products	17	10	17
20.2	MANUFACTURE OF SUGAR AND SUGAR PRODUCTS:			
	Includes assets used in the production of raw sugar, syrup, or finished sugar from sugar cane or sugar beets	18	10	18
20.3	MANUFACTURE OF VEGETABLE OILS AND VEGETABLE OIL PRODUCTS:			
	Includes assets used in the production of oil from vegetable materials and the manufacture of related vegetable oil products	18	10	18
20.4	MANUFACTURE OF OTHER FOOD AND KINDRED PRODUCTS:			
	Includes assets used in the production of foods and beverages not included in classes 20.1, 20.2 and 20.3	12	7	12
20.5	MANUFACTURE OF FOOD AND BEVERAGES -- SPECIAL HANDLING DEVICES:			

	Includes assets defined as specialized materials handling devices such as returnable pallets, palletized containers, and fish processing equipment including boxes, baskets, carts, and flaking trays used in activities as defined in classes 20.1, 20.2, 20.3 and 20.4. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices	4	3	4
21.0	MANUFACTURE OF TOBACCO AND TOBACCO PRODUCTS:			
	Includes assets used in the production of cigarettes, cigars, smoking and chewing tobacco, snuff, and other tobacco products	15	7	15
22.1	MANUFACTURE OF KNITTED GOODS:			
	Includes assets used in the production of knitted and netted fabrics and lace. Assets used in yarn preparation, bleaching, dyeing, printing, and other similar finishing processes, texturing, and packaging, are elsewhere classified.	7.5	5	7.5
22.2	MANUFACTURE OF YARN, THREAD, AND WOVEN FABRIC:			
	Includes assets used in the production of spun yarns including the preparing, blending, spinning, and twisting of fibers into yarns and threads, the preparation of yarns such as twisting, warping, and winding, the production of covered elastic			

yarn and thread, cordage, woven fabric, tire fabric, braided fabric, twisted jute for packaging, mattresses, pads, sheets, and industrial belts, and the processing of textile mill waste to recover fibers, flocks, and shoddies. Assets used to manufacture carpets, man-made fibers, and nonwovens, and assets used in texturing, bleaching, dyeing, printing, and other similar finishing processes, are elsewhere classified 11 7 11

22.3 MANUFACTURE OF CARPETS, AND DYEING, FINISHING, AND PACKAGING OF TEXTILE PRODUCTS AND MANUFACTURE OF MEDICAL AND DENTAL SUPPLIES:

Includes assets used in the production of carpets, rugs, mats, woven carpet backing, chenille, and other tufted products, and assets used in the joining together of backing with carpet yarn or fabric. Includes assets used in washing, scouring, bleaching, dyeing, printing, drying, and similar finishing processes applied to textile fabrics, yarns, threads, and other textile products, other than apparel, by ceasing, forming, trimming, cutting, and sewing, such as the preparation of carpet and fabric samples, or similar joining together processes (other than the preparation of scrim reinforced paper products and laminated paper products), such as the sewing and folding of hosiery and panty hose, and creasing, folding, trimming, and cutting of fabrics to produce nonwoven products, such as disposable diapers and sanitary products. Also includes assets used in the production of medical and dental supplies other than drugs and medicines.

Assets used in the manufacture of nonwoven carpet backing, and hard surface floor covering, such as tile, rubber, and cork, are elsewhere classified. 9 5 9

22.4 MANUFACTURE OF TEXTURED YARNS:

Includes assets used in the processing of yarns to impart bulk and/or stretch properties to the yarn. The principal machines involved are falsetwist, draw, beam-to-beam, and stuffer box texturing equipment and related highspeed twisters and winders. Assets, as described above, which are used to further process man-made fibers are elsewhere classified when located in the same plant in an integrated operation with man-made fiber producing assets. Assets used to manufacture man-made fibers and assets used in bleaching, dyeing, printing, and other similar finishing processes, are elsewhere classified 8 5 8

22.5 MANUFACTURE OF NONWOVEN FABRICS:

Includes assets used in the production of nonwoven fabrics, felt goods including felt hats, padding, batting, wadding, oakum, and fillings, from new materials and from textile mill waste. Nonwoven fabrics are defined as fabrics (other than reinforced and laminated composites consisting of nonwovens and other products) manufactured by bonding natural and/or synthetic fibers and/or filaments by means of induced mechanical interlocking, fluid entanglement, chemical adhesion, thermal or solvent reaction, or by

combination thereof other than natural hydration bonding as occurs with natural cellulose fibers. Such means include resin bonding, web bonding, and melt bonding. Specifically includes assets used to make flocked and needle punched products other than carpets and rugs. Assets, as described above, which are used to manufacture nonwovens are elsewhere classified when located in the same plant in an integrated operation with man-made fiber producing assets. Assets used to manufacture man-made fibers and assets used in bleaching, dyeing, printing, and other similar finishing processes, are elsewhere classified.

10            7            10

23.0 MANUFACTURE OF APPAREL AND OTHER FINISHED PRODUCTS:

Includes assets used in the production of clothing and fabricated textile products by the cutting and sewing of woven fabrics, other textile products, and furs; but does not include assets used in the manufacture of apparel from rubber and leather

9            5            9

24.1 CUTTING OF TIMBER:

Includes logging machinery and equipment and roadbuilding equipment used by logging and sawmill operators and pulp manufacturers for their own account

6            5            6

24.2 SAWING OF DIMENSIONAL STOCK FROM LOGS:

Includes machinery and equipment installed in permanent or well established sawmills

10           7           10

24.3 SAWING OF DIMENSIONAL STOCK FROM LOGS:

Includes machinery and equipment installed in sawmills characterized by temporary foundations and a lack, or minimum amount, of lumberhandling, drying, and residue disposal equipment and facilities

6 5 6

24.4 MANUFACTURE OF WOOD PRODUCTS, AND FURNITURE:

Includes assets used in the production of plywood, hardboard, flooring, veneers, furniture, and other wood products, including the treatment of poles and timber

10 7 10

26.1 MANUFACTURE OF PULP AND PAPER:

Includes assets for pulp materials handling and storage, pulp mill processing, bleach processing, paper and paperboard manufacturing, and on-line finishing. Includes pollution control assets and all land improvements associated with the factory site or production process such as effluent ponds and canals, provided such improvements are depreciable but does not include building and structural components as defined in section 1.48-1(e)(1) of the regulations. Includes steam and chemical recovery boiler systems, with any rated capacity, used for the recovery and regeneration of chemicals used in manufacturing. Does not include assets used either in pulpwood logging, or in the manufacture or hardboard.

13 7 13

26.2 MANUFACTURE OF CONVERTED PAPER,

PAPERBOARD, AND PULP PRODUCTS:

Includes assets used for modification, or remanufacture of paper and pulp into converted products, such as paper coated off the paper machine, paper bags, paper boxes, cartons and envelopes. Does not include assets used for manufacture of nonwovens that are elsewhere classified

	10	7	10
--	----	---	----

27.0 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES:

Includes assets used in printing by one or more processes, such as letter-press, lithography, gravure, or screen; the performance of services for the printing trade, such as bookbinding, typesetting, engraving, photo-engraving, and electrotyping; and the publication of newspapers, books and periodicals

	11	7	11
--	----	---	----

28.0 MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS:

Includes assets used to manufacture basic organic and inorganic chemicals; chemical products to be used in further manufacture, such as synthetic fibers and plastics materials; and finished chemical products. Includes assets used to further process man-made fibers, to manufacture plastic film, and to manufacture nonwoven fabrics, when such assets are located in the same plant in an integrated operation with chemical products producing assets. Also includes assets used to manufacture photographic supplies, such as

film, photographic paper, sensitized photographic paper, and developing chemicals. Includes all land improvements associated with plant site or production processes, such as effluent ponds and canals, provided such land improvements are depreciable but does not include building and structural components as defined in section 1.48-1(e) of the regulations. Does not include assets used in the manufacture of finished rubber and plastic products or in the production of natural gas products, butane, propane, and by-products of natural gas production plants

	9.5	5	9.5
--	-----	---	-----

30.1 MANUFACTURE OF RUBBER PRODUCTS:

Includes assets used for the production of products from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, such as tires, tubes, rubber sundries; and in the recapping, retreading, and rebuilding of tires

	14	7	14
--	----	---	----

30.11 MANUFACTURE OF RUBBER PRODUCTS -- SPECIAL TOOLS AND DEVICES:

Includes assets defined as special tools, such as jigs, dies, mandrels, molds, lasts, patterns, specialty containers, pallets, shells; and tire molds, and accessory parts such as rings and insert plates used in activities as defined in class 30.1. Does not include tire building drums and accessory parts and general purpose small tools such as wrenches and drills, both power and hand-driven, and other general purpose equipment such as conveyors and transfer equipment

	4	3	4
--	---	---	---

30.2 MANUFACTURE OF FINISHED PLASTIC PRODUCTS:

Includes assets used in the manufacture of plastics products and the molding of primary plastics for the trade. Does not include assets used in the manufacture of basic plastics materials nor the manufacture of phonograph records

11 7 11

30.21 MANUFACTURE OF FINISHED PLASTIC PRODUCTS -- SPECIAL TOOLS:

Includes assets defined as special tools, such as jigs, dies, fixtures, molds, patterns, gauges, and specialty transfer and shipping devices, used in activities as defined in class 30.2. Special tools are specifically designed for the production or processing of particular parts and have no significant; utilitarian value and cannot be adapted to further or different use after changes or improvements are made in the model design of the particular part produced by the special tools. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices

3.5 3 3.5

31.0 MANUFACTURE OF LEATHER AND LEATHER PRODUCTS:

Includes assets used in the tanning, currying, and finishing of hides and skins; the processing of fur pelts; and the manufacture of finished leather products, such as footwear,

belting, apparel, and luggage 11 7 11

32.1 MANUFACTURE OF GLASS PRODUCTS:

Includes assets used in the production of flat, brown, or pressed products of glass, such as float and window glass, glass containers, glassware and fiberglass. Does not include assets used in the manufacture of lenses 14 7 14

32.11 MANUFACTURE OF GLASS PRODUCTS -- SPECIAL TOOLS:

Includes assets defined as special tools such as molds, patterns, pallets, and specialty transfer and shipping devices such as steel racks to transport automotive glass, used in activities as defined in class 32.1. Special tools are specifically designed for the production or processing of particular parts and have no significant utilitarian value and cannot be adapted to further or different use after changes or improvements are made in the model design of the particular part produced by the special tools. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices 2.5 3 2.5

32.2 MANUFACTURE OF CEMENT:

Includes assets used in the production of cement, but does not include any assets used in the manufacture of concrete and concrete products nor in any mining or extraction process 20 15 20

32.3 MANUFACTURE OF OTHER STONE AND CLAY

PRODUCTS:

Includes assets used in the manufacture of products from materials in the form of clay and stone, such as brick, tile, and pipe; pottery and related products, such as vitreous-china, plumbing fixtures, earthenware and ceramic insulating materials; and also includes assets used in manufacture of concrete and concrete products. Does not include assets used in any mining or extraction processes

	15	7	15
--	----	---	----

33.2 MANUFACTURE OF PRIMARY NONFERROUS METALS:

Includes assets used in the smelting, refining, and electrolysis of nonferrous metals from ore, pig, or scrap, the rolling, drawing, and alloying of nonferrous metals; the manufacture of castings, forgings, and other basic products of nonferrous metals; and the manufacture of nails, spikes, structural shapes, tubing, wire, and cable

	14	7	14
--	----	---	----

33.21 MANUFACTURE OF PRIMARY NONFERROUS METALS -- SPECIAL TOOLS:

Includes assets defined as special tools such as dies, jigs, molds, patterns, fixtures, gauges, and drawings concerning such special tools used in the activities as defined in class 33.2, Manufacture of Primary Nonferrous Metals. Special tools are specifically designed for the production or processing of particular products or parts and have no significant utilitarian value and cannot be adapted to further or different use after changes or improvements are

made in the model design of the particular part produced by the special tools. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices. Roll, mandrels and refractories are not included in class 33.21 but are included in class 33.2

	6.5	5	6.5
--	-----	---	-----

33.3 MANUFACTURE OF FOUNDRY PRODUCTS:

Includes assets used in the casting of iron and steel, including related operations such as molding and coremaking. Also includes assets used in the finishing of castings and patternmaking when performed at the foundry, all special tools and related land improvements

	14	7	14
--	----	---	----

33.4 MANUFACTURE OF PRIMARY STEEL MILL PRODUCTS:

Includes assets used in the smelting, reduction, and refining of iron and steel from ore, pig, or scrap; the rolling, drawing and alloying of steel; the manufacture of nails, spikes, structural shapes, tubing, wire, and cable. Includes assets used by steel service centers, ferrous metal forges, and assets used in coke production, regardless of ownership. Also includes related land improvements and all special tools used in the above activities

	15	7	15
--	----	---	----

34.0 MANUFACTURE OF FABRICATED METAL PRODUCTS:

Include assets used in the production of metal cans, tinware, fabricated structural metal products, metal stampings, and other

ferrous and nonferrous metal and wire products not elsewhere classified. Does not include assets used to manufacture non-electric heating apparatus

	12	7	12
--	----	---	----

34.01 MANUFACTURE OF FABRICATED METAL PRODUCTS -- SPECIAL TOOLS:

Includes assets defined as special tools such as dies, jigs, molds, patterns, fixtures, gauges, and returnable containers and drawings concerning such special tools used in the activities as defined in class 34.0. Special tools are specifically designed for the production or processing of particular machine components, products, or parts, and have no significant utilitarian value and cannot be adapted to further or different use after changes or improvements are made in the model design of the particular part produced by the special tools. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and material handling devices

	3	3	3
--	---	---	---

35.0 MANUFACTURE OF ELECTRICAL AND NON-ELECTRICAL MACHINERY AND OTHER MECHANICAL PRODUCTS:

Includes assets used to manufacture or rebuild finished machinery and equipment and replacement parts thereof such as machine tools, general industrial and special industry machinery, electrical power generation, transmission, and distribution systems, space heating, cooling, and refrigeration systems, commercial and home appliances, farm

and garden machinery, construction machinery, mining and oil field machinery, internal combustion engines (except those elsewhere classified), turbines (except those that power airborne vehicles) batteries, lamps and lighting fixtures, carbon and graphite products, and electromechanical and mechanical products including business machines, instruments, watches and clocks, vending and amusement machines, photographic equipment, medical and dental equipment and appliances, and ophthalmic goods. Includes assets used by manufacturers or rebuilders of such finished machinery and equipment in activities elsewhere classified such as the manufacture of castings, forgings, rubber and plastic products, electronic subassemblies or other manufacturing activities if the interim products are used by the same manufacturer primarily in the manufacture, assembly, or rebuilding of such finished machinery and equipment. Does not include assets used in mining, assets used in the manufacture of primary ferrous and nonferrous metals, assets included in class 00.11 through 00.4 and assets elsewhere classified

10	7	10
----	---	----

36.0 MANUFACTURE OF ELECTRONIC COMPONENTS, PRODUCTS, AND SYSTEMS:

Include assets used in the manufacture of electronic communication, computation, instrumentation and control system, including airborne products such as frequency and amplitude modulated transmitters and receivers, electronic switching stations, television cameras, video recorders,

record players and tape recorders, computers and computer peripheral machines, and electronic instruments, watches, and clocks; also includes assets used in the manufacture of components, provided their primary use is in products and systems defined above such as electron tubes, capacitors, coils, resistors, printed circuit substrates, switches, harness cables, lasers, fiber optic devices, and magnetic media devices. Specifically excludes assets used to manufacture electronic product, and componets, photocopiers, typewriters, postage meters and other electromechanical and mechanical business machines and instruments that are elsewhere classified. Does not include semiconductor manufacturing equipment included in class 36.1

	6	5	6
--	---	---	---

36.1 MANUFACTURE OF SEMICONDUCTORS:

Includes equipment used in the manufacturing of semiconductors if the primary use of the semiconductors so produced is in products and systems of the type defined in class 36.0

	5	5	5
--	---	---	---

37.11 MANUFACTURE OF MOTOR VEHICLES:

Includes assets used in the manufacture and assembly of finished automobiles, trucks, trailers, motor homes, and buses. Does not include assets used in mining, printing and publishing, production of primary metals, electricity, or steam, or the manufacture of glass, industrial chemicals, batteries, or rubber products, which are classified elsewhere. Includes assets used in manufacturing

activities elsewhere classified other than those excluded above, where such activities are incidental to and an integral part of the manufacture and assembly of finished metal products, electrical equipment, textiles, plastics, leather, and foundry and forging operations. Does not include any assets not classified in manufacturing activity classes, e.g., does not include assets classified in asset classes 00.11 through 00.4. Activities will be considered incidental to the manufacture and assembly of finished motor vehicles. Parts that are produced as a normal replacement stock complement in connection with the manufacture and assembly of finished motor vehicles. Do not include assets used in the manufacture of component parts if these assets are used by taxpayers not engaged in the assembly of finished motor vehicles

	12	7	12
--	----	---	----

37.12 MANUFACTURE OF MOTOR VEHICLES --  
 SPECIAL TOOLS:

Includes assets defined as special tools, such as jigs, dies, fixtures, molds, patterns, gauges, and specialty transfer and shipping devices, owned by manufacturers of finished motor vehicles and used in qualified activities as defined in class 37.11. Special tools are specifically designed for the production or processing of particular motor vehicle components and have no significant utilitarian value, and cannot be adapted to further or different use, after changes or improvements are made in the model design of the particular part produced by the special tools.

Does not include general purpose small tools such as wrenches and drills, both hand and powerdriven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices

	3	3	3
--	---	---	---

37.2 MANUFACTURE OF AEROSPACE PRODUCTS:

Includes assets used in the manufacture and assembly of airborne vehicles and their component parts including hydraulic, pneumatic, electrical, and mechanical systems. Does not include assets used in the production of electronic airborne detection, guidance, control, radiation, computation, test, navigation, and communication equipment or the components thereof

	10	7	10
--	----	---	----

37.31 SHIP AND BOAT BUILDING MACHINERY AND EQUIPMENT:

Includes assets used in the manufacture and repair of ships, boats, caissons, marine drilling rigs, and special fabrications not included in asset classes 37.32 and 37.33. Specifically includes all manufacturing and repairing machinery and equipment, including machinery and equipment used in the operation of assets included in asset class 37.32. Excludes buildings and their structural components

	12	7	12
--	----	---	----

37.32 SHIP AND BOAT BUILDING DRY DOCKS AND LAND IMPROVEMENTS:

Includes assets used in the manufacture and repair of ships, boats, caissons, marine drilling rigs, and special fabrications not included in asset classes 37.31 and 37.33. Specifically includes

floating and fixed dry docks, ship basins, graving docks, shipways, piers, and all other land improvements such as water, sewer, and electric systems. Excludes buildings and their structural components

	16	10	16
--	----	----	----

37.33 SHIP AND BOAT BUILDING -- SPECIAL TOOLS:

Includes assets defined as special tools such as dies, jigs, molds, patterns fixtures, gauges, and drawings concerning such special tools used in the activities defined in classes 37.31 and 37.32. Special tools are specifically designed for the production or processing of particular machine components, products, or parts, and have no significant utilitarian value and cannot be adapted to further or different use after changes or improvements are made in the model design of the particular part produced by the special tools. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices

	6.5	5	6.5
--	-----	---	-----

37.41 MANUFACTURE OF LOCOMOTIVES:

Includes assets used in building or rebuilding railroad locomotives (including mining and industrial locomotives). Does not include assets of railroad transportation companies or assets of companies which manufacture components of locomotives but do not manufacture finished locomotives.

	11.5	7	11.5
--	------	---	------

37.42 MANUFACTURE OF RAILROAD CARS:

Includes assets used in building or rebuilding railroad freight or passenger cars (including rail transit cars). Does not include assets of railroad transportation companies or assets of companies which manufacture components of railroad cars but do not manufacture finished railroad cars

	12	7	12
--	----	---	----

39.0 MANUFACTURE OF ATHLETIC, JEWELRY AND OTHER GOODS:

Includes assets used in the production of jewelry; musical instruments; toys and sporting goods; motion picture and television films and tapes; and pens, pencil, office and art supplies, brooms, brushes, caskets, etc.

	12	7	12
--	----	---	----

RAILROAD TRANSPORTATION:

Classes with the prefix 40 include the assets identified below that are used in the commercial and contract carrying of passengers and freight by rail. Assets of electrified railroads will be classified in a manner corresponding to that set forth below for railroads not independently operated as electric lines. Excludes the assets included in classes with the prefix beginning 00.1 and 00.2 above, and also excludes any non-depreciable assets included in Interstate Commerce Commission accounts enumerated for this class.

40.1 RAILROAD MACHINERY AND EQUIPMENT:

Includes assets classified in the following Interstate Commerce Commission accounts:

ROADWAY ACCOUNTS:

- (16) Station and office building  
 (freight handling machinery and  
 equipment only)
- (25) TOFC/COFC terminals (freight  
 handling machinery and equipment  
 only)
- (26) Communication systems
- (27) Signals and interlockers
- (37) Roadway machines
- (44) Shop machinery

EQUIPMENT ACCOUNTS:

- (52) Locomotives
- (53) Freight train cars
- (54) Passenger train cars
- (57) Work equipment 14      7      14

40.2 RAILROAD STRUCTURES AND SIMILAR  
 IMPROVEMENTS:

Includes assets classified in the  
 following Interstate Commerce  
 Commission road accounts:

- (6) Bridges, trestles, and culverts
- (7) Elevated structures
- (13) Fences, snowsheds, and signs
- (16) Station and office buildings  
 (stations and other operating  
 structures only)
- (17) Roadway buildings
- (18) Water stations
- (19) Fuel stations
- (20) Shops and enginehouses
- (25) TOFC/COFC terminals (operating  
 structures only)
- (31) Power transmission systems
- (35) Miscellaneous structures
- (39) Public improvements  
 construction 30      20      30

40.3 RAILROAD WHARVES AND DOCKS:

Includes assets classified in the  
 following Interstate Commerce  
 accounts:

	(23) Wharves and docks			
	(24) Coal and ore wharves	20	15	20
40.4	RAILROAD TRACK	10	7	10
40.51	RAILROAD HYDRAULIC ELECTRIC GENERATING EQUIPMENT	50	20	50
40.52	RAILROAD NUCLEAR ELECTRIC GENERATING EQUIPMENT	20	15	20
40.53	RAILROAD STEAM ELECTRIC GENERATING EQUIPMENT	28	20	28
40.54	RAILROAD STEAM, COMPRESSED AIR, AND OTHER POWER PLANT EQUIPMENT	28	20	28
41.0	MOTOR TRANSPORT-PASSENGERS:			
	Includes assets used in the urban and interurban commercial and contract carrying of passengers by road, except the transportation assets included in classes with the prefix 00.2	8	5	8
42.0	MOTOR TRANSPORT-FREIGHT:			
	Includes assets used in the commercial and contract carrying of freight by road, except the transportation assets included in classes with the prefix 00.2	8	5	8
44.0	WATER TRANSPORTATION:			
	Includes assets used in the commercial and contract carrying of freight and passengers by water except the transportation assets included in classes with the prefix 00.2. Includes all related land improvements	20	15	20
45.0	AIR TRANSPORT:			
	Includes assets (except helicopters) used in commercial and contract			

carrying of passengers and freight by air. For purposes of section 1.167(a)-11(d)(2)(iv)(a) of the regulations, expenditures for "repair, maintenance, rehabilitation, or improvement" shall consist of direct maintenance expenses (irrespective of airworthiness provisions or charges) as defined by Civil Aeronautics Board uniform accounts 5200, maintenance burden (exclusive of expenses pertaining to maintenance buildings and improvements) as defined by Civil Aeronautics Board uniform accounts 5300, and expenditures which are not "excluded additions" as defined in section 1.167(a)-11(d)(2)(vi) of the regulations and which would be charged to property and equipment accounts in the Civil Aeronautics Board uniform system of accounts

	12	7	12
--	----	---	----

45.1 AIR TRANSPORT (RESTRICTED):

Includes each asset described in the description of class 45.0 which was held by the taxpayer on April 15, 1976, or is acquired by the taxpayer pursuant to a contract which was, on April 15, 1976, and at all times thereafter, binding on the taxpayer. This criterion of classification based on binding contract concept is to be applied in the same manner as under the general rules expressed in section 49(b)(1), (4), (5) and (8) of the Code (as in effect prior to its repeal by the Revenue Act of 1978, section 312(c)(1), (d), 1978-3 C.B. 1, 60)

	6	5	6
--	---	---	---

46.0 PIPELINE TRANSPORTATION:

Includes assets used in the private, commercial, and contract carrying of

petroleum, gas and other products by means of pipes and conveyors. The trunk lines and related storage facilities of integrated petroleum and natural gas producers are included in this class. Excludes initial clearing and grading land improvements as specified in Rev. Rul. 72-403, 1972-2 C.B. 102, but includes all other related land improvements

	22	15	22
--	----	----	----

TELEPHONE COMMUNICATIONS:

Includes the assets identified below and that are used in the provision of commercial and contract telephonic services such as:

48.11 TELEPHONE CENTRAL OFFICE BUILDINGS:

Includes assets intended to house central office equipment, as defined in Federal Communications Commission Part 31 Account No. 212 whether section 1245 or section 1250 property

	45	20	45
--	----	----	----

48.12 TELEPHONE CENTRAL OFFICE EQUIPMENT:

Includes central office switching and related equipment as defined in Federal Communications Commission Part 31 Account No. 221

Does not include computer-based telephone central office switching equipment included in class 48.121. Does not include private branch exchange (PBX) equipment

	18	15	18
--	----	----	----

48.121 COMPUTER-BASED TELEPHONE CENTRAL OFFICE SWITCHING EQUIPMENT:

Includes equipment whose functions are those of a computer or peripheral equipment (as defined in section 168(i)(2)(B) of the Code)

used in its capacity as telephone central office equipment. Does not include private branch exchange (PBX) equipment 9.5 5 9.5

48.13 TELEPHONE STATION EQUIPMENT:

Includes such station apparatus and connections as teletypewriters, telephones, booths, private exchanges, and comparable equipment as defined in Federal Communications Commission Part 31 Account Nos. 231, 232, and 234 10 7 \3/ 10 \3/

48.14 TELEPHONE DISTRIBUTION PLANT:

Includes such assets as pole lines, cable, aerial wire, underground conduits, and comparable equipment, and related land improvements as defined in Federal Communications Commission Part 31 Account Nos. 241, 242.1, 242.2, 242.3, 242.4, 243, and 244 24 15 24

48.2 RADIO AND TELEVISION BROADCASTINGS:

Includes assets used in radio and television broadcasting, except transmitting towers 6 5 6

TELEGRAPH, OCEAN CABLE, AND SATELLITE COMMUNICATIONS (TOCSC)

Includes communications-related assets used to provide domestic and international radio-telegraph, wire-telegraph, ocean-cable, and satellite communications services; also includes related land improvements. If property described in Classes 48.31-48.45 is comparable to telephone distribution plant described in Class 48.14 and used for 2-way exchange of voice and data communication which is the equivalent of telephone

communication, such property is assigned a class life of 24 years under this revenue procedure. Comparable equipment does not include cable television equipment used primarily for 1-way communication.

48.31 TOCSC-ELECTRIC POWER GENERATING AND DISTRIBUTION SYSTEMS:

Includes assets used in the provision of electric power by generation, modulation, rectification, channelization, control, and distribution. Does not include these assets when they are installed on customer's premises

	19	10	19
--	----	----	----

48.32 TOCSC-HIGH FREQUENCY RADIO AND MICROWAVE SYSTEM:

Includes assets such as transmitters and receivers, antenna supporting structures, antennas, transmission lines from equipment to antenna, transmitter cooling systems, and control and amplification equipment. Does not include cable and long-line systems

	13	7	13
--	----	---	----

48.33 TOCSC-CABLE AND LONG-LINE SYSTEMS:

Includes assets such as transmission lines, pole lines, ocean cables, buried cable and conduit, repeaters, repeater stations, and other related assets. Does not include high frequency radio or microwave systems

	26.5	20	26.5
--	------	----	------

48.34 TOCSC-CENTRAL OFFICE CONTROL EQUIPMENT:

Includes assets for general control, switching, and monitoring of communications signals including electromechanical switching and channeling apparatus, multiplexing

	equipment, patching and monitoring facilities, in-house cabling, teleprinter equipment, and associated site improvements	16.5	10	16.5
48.35	TOCSC-COMPUTERIZED SWITCHING, CHANNELING, AND ASSOCIATED CONTROL EQUIPMENT:			
	Includes central office switching computers, interfacing computers, other associated specialized control equipment, and site improvements	10.5	7	10.5
48.36	TOCSC-SATELLITE GROUND SEGMENT PROPERTY:			
	Includes assets such as fixed earth station equipment, antennas, satellite communications equipment, and interface equipment used in satellite communications. Does not include general purpose equipment or equipment used in satellite space segment property	10	7	10
48.37	TOCSC-SATELLITE SPACE SEGMENT PROPERTY:			
	Includes satellites and equipment used for telemetry, tracking, control, and monitoring when used in satellite communications	8	5	8
48.38	TOCSC-EQUIPMENT INSTALLED ON CUSTOMER'S PREMISES:			
	Includes assets installed on customer's premises, such as computers, terminal equipment, power generation and distribution systems, private switching center, teleprinters, facsimile equipment, and other associated and related equipment	10	7	10
48.39	TOCSC-SUPPORT AND SERVICE EQUIPMENT:			

Includes assets used to support but not engage in communications. Includes store, warehouse and shop tools, and test and laboratory assets

	13.5	7	13.5
--	------	---	------

CABLE TELEVISION (CATV)

Includes communications-related assets used to provide cable television community antenna television services. Does not include assets used to provide subscribers with two-way communications services.

48.41 CATV-HEADEND:

Includes assets such as towers, antennas, preamplifiers, converters, modulation equipment, and program non-duplication systems. Does not include headend buildings and program origination assets

	11	7	11
--	----	---	----

48.42 CATV-SUBSCRIBER CONNECTION AND DISTRIBUTION SYSTEMS:

Includes assets such as trunk and feeder cable, connecting hardware, amplifiers, power equipment, passive devices, directional taps, pedestals, pressure taps, drop cables, matching transformers, multiple set connector equipment, and converters

	10	7	10
--	----	---	----

48.43 CATV-PROGRAM ORIGINATION:

Includes assets such as cameras, film chains, video tape recorders, lighting, and remote location equipment excluding vehicles. Does not include buildings and their structural components

	9	5	9
--	---	---	---

48.44 CATV-SERVICE AND TEST:

Includes assets such as  
 oscilloscopes, field strength  
 meters, spectrum analyzers, and  
 cable testing equipment, but  
 does not include vehicles

	8.5	5	8.5
--	-----	---	-----

48.45 CATV-MICROWAVE SYSTEMS:

Includes assets such as towers,  
 antennas, transmitting and  
 receiving equipment, and broad  
 band microwave assets if used in  
 the provision of cable television  
 services. Does not include assets  
 used in the provision of common  
 carrier services

	9.5	5	9.5
--	-----	---	-----

ELECTRIC, GAS, WATER AND STEAM,  
 UTILITY SERVICES:

Includes assets used in the  
 production, transmission and  
 distribution of electricity,  
 gas, steam, or water for sale  
 including related land  
 improvements.

49.11 ELECTRIC UTILITY HYDRAULIC  
 PRODUCTION PLANT:

Includes assets used in the  
 hydraulic power production of  
 electricity for sale, including  
 related land improvements, such  
 as dams, flumes, canals, and  
 waterways

	50	20	50
--	----	----	----

49.12 ELECTRIC UTILITY NUCLEAR PRODUCTION  
 PLANT:

Includes assets used in the nuclear  
 power production and electricity for  
 sale and related land improvements.  
 Does not include nuclear fuel  
 assemblies

	20	15	20
--	----	----	----

49.121 ELECTRIC UTILITY NUCLEAR FUEL

ASSEMBLIES:

Includes initial core and replacement core nuclear fuel assemblies (i.e., the composite of fabricated nuclear fuel and container) when used in a boiling water, pressurized water, or high temperature gas reactor used in the production of electricity. Does not include nuclear fuel assemblies used in breeder reactors

	5	5	5
--	---	---	---

49.13 ELECTRIC UTILITY STEAM PRODUCTION PLANT:

Includes assets used in the steam power production of electricity for sale, combustion turbines operated in a combined cycle with a conventional steam unit and related land improvements. Also includes package boilers, electric generators and related assets such as electricity and steam distribution systems as used by a waste reduction and resource recovery plant if the steam or electricity is normally for sale to others

	28	20	28
--	----	----	----

49.14 ELECTRIC UTILITY TRANSMISSION AND DISTRIBUTION PLANT:

Includes assets used in the transmission and distribution of electricity for sale and related land improvements. Excludes initial clearing and grading land improvements as specified in Rev. Rul. 72-403, 1972-2 C.B. 102

	30	20	30
--	----	----	----

49.15 ELECTRIC UTILITY COMBUSTION TURBINE PRODUCTION PLANT:

Includes assets used in the production of electricity for sale by the use of such prime movers as jet engines, combustion turbines,

diesel engines, gasoline engines, and other internal combustion engines, their associated power turbines and/or generators, and related land improvements. Does not include combustion turbines operated in a combined cycle with a conventional steam unit

	20	15	20
--	----	----	----

49.21 GAS UTILITY DISTRIBUTION FACILITIES:

Includes gas water heaters and gas conversion equipment installed by utility on customers' premises on a rental basis

	35	20	35
--	----	----	----

49.221 GAS UTILITY MANUFACTURED GAS PRODUCTION PLANTS:

Includes assets used in the manufacture of gas having chemical and/or physical properties which do not permit complete interchangeability with domestic natural gas. Does not include gas producing systems and related systems used in waste reduction and resource recovery plants which are elsewhere classified

	30	20	30
--	----	----	----

49.222 GAS UTILITY SUBSTITUTE NATURAL GAS (SNG) PRODUCTION PLANT (NAPHTHA OR LIGHTER HYDROCARBON FEEDSTOCKS):

Includes assets used in the catalytic conversion of feedstocks or naphtha or lighter hydrocarbons to a gaseous fuel which is completely interchangeable with domestic natural gas

	14	7	14
--	----	---	----

49.223 SUBSTITUTE NATURAL GAS-COAL GASIFICATION:

Includes assets used in the manufacture and production of pipeline quality gas from coal using the basic Lurgi process with

	advanced methanation. Includes all process plant equipment and structures used in this coal gasification process and all utility assets such as cooling systems, water supply and treatment facilities, and assets used in the production and distribution of electricity and steam for use by the taxpayer in a gasification plant and attendant coal mining of electricity and steam for sale to others. Also includes all other related land improvements. Does not include assets used in the direct mining and treatment of coal prior to the gasification process itself	18	10	18
49.23	NATURAL GAS PRODUCTION PLANT:	14	7	14
49.24	GAS UTILITY TRUNK PIPELINES AND RELATED STORAGE FACILITIES:  Excluding initial clearing and grading land improvements as specified in Rev. Rul. 72-403	22	15	22
49.25	LIQUEFIED NATURAL GAS PLANT: Includes assets used in the liquefaction, storage, and regasification of natural gas including loading and unloading connections, instrumentation equipment and controls, pumps, vaporizers and odorizers, tanks, and related land improvements. Also includes pipeline interconnections with gas transmission lines and distribution systems and marine terminal facilities	22	15	22
49.3	WATER UTILITIES:  Includes assets used in the gathering, treatment, and commercial distribution of water	50	20	50
49.4	CENTRAL STEAM UTILITY PRODUCTION AND			

DISTRIBUTION:

Includes assets used in the production and distribution of steam for sale. Does not include assets used in waste reduction and resource recovery plants which are elsewhere classified

	28	20	20
--	----	----	----

49.5 WASTE REDUCTION AND RESOURCE RECOVERY PLANTS:

Includes assets used in the conversion of refuse or other solid waste or biomass to heat or to a solid, liquid, or gaseous fuel. Also includes all process plant equipment and structures at the site used to receive, handle, collect, and process refuse or other solid waste or biomass to a solid, liquid, or gaseous fuel or to handle and burn refuse or other solid waste or biomass in a waterwall combustion system, oil or gas pyrolysis system, or refuse derived fuel system to create hot water, gas, steam and electricity. Includes material recovery and support assets used in refuse or solid refuse or solid waste receiving, collecting, handling, sorting, shredding, classifying, and separation systems. Does not include any package boilers, or electric generators and related assets such as electricity, hot water, steam and manufactured gas production plants classified in classes 00.4, 49.13, 49.221, and 49.4. Does include, however, all other utilities such as water supply and treatment facilities, ash handling and other related land improvements of a waste reduction and resource recovery plant

	10	7	10
--	----	---	----

50. MUNICIPAL WASTEWATER TREATMENT PLANT	24	15	24
--	----	----	----

51.	MUNICIPAL SEWER	50	20	50
57.0	DISTRIBUTIVE TRADES AND SERVICES:			
	Includes assets used in wholesale and retail trade, and personal and professional services. Includes section 1245 assets used in marketing petroleum and petroleum products	9	5	9 \4/
57.1	DISTRIBUTIVE TRADES AND SERVICES- BILLBOARD, SERVICE STATION BUILDINGS AND PETROLEUM MARKETING LAND IMPROVEMENTS:			
	Includes section 1250 assets, including service station buildings and depreciable land improvements, whether section 1245 property or section 1250 property, used in the marketing of petroleum and petroleum products, but not including any of these facilities related to petroleum and natural gas trunk pipelines. Includes car wash buildings and related land improvements. Includes billboards, whether such assets are section 1245 property or section 1250 property. Excludes all other land improvements, buildings and structural components as defined in section 1.48-1(e) of the regulations	20	15	20
79.0	RECREATION:			
	Includes assets used in the provision of entertainment services on payment of a fee or admission charge, as in the operation of bowling alleys, billiard and pool establishments, theaters, concert halls, and miniature golf courses. Does not include amusement and theme parks and assets which consist			

primarily of specialized land improvements or structures, such as golf courses, sports stadia, race tracks, ski slopes, and buildings which house the assets used in entertainment services 10 7 10

80.1 THEME AND AMUSEMENT PARKS:

Includes assets used in the provision of rides, attractions, and amusements in activities defined as theme and amusement parks, and includes appurtenances associated with a ride, attraction, amusement or theme setting within the park such as ticket booths, facades, shop interiors, and props, special purpose structures, and buildings other than warehouses, administration buildings, hotels, and motels. Includes all land improvements for or in support of park activities, (e.g., parking lots, sidewalks, waterways, bridges, fences, landscaping, etc.) and support functions (e.g., food and beverage retailing, souvenir vending and other nonlodging accommodations) if owned by the park and provided exclusively for the benefit of park patrons. Theme and amusement parks are defined as combinations of amusements, rides, and attractions which are permanently situated on park land and open to the public for the price of admission. This guideline class is a composite of all assets used in this industry except transportation equipment (general purpose trucks, cars, airplanes, etc., which are included in asset guideline classes with the prefix 00.2), assets used in the provision of administrative services (asset classes with the prefix 00.1), and warehouses,

administration buildings, hotels and motels	12.5	7	12.5
CERTAIN PROPERTY FOR WHICH RECOVERY PERIODS ASSIGNED			
A. Personal Property With No Class Life		7	12
Section 1245 Real Property With No Class Life		7	40
B. Qualified Technological Equipment, as defined in section 168(i)(2).	\5/	5	5
C. Property Used in Connection with Research and Experimentation referred to in section 168(e)(3)(B)	\5/	5	class life if no class life -- 12
D. Alternative Energy Property described in sections 48(1)(3)(viii) or (iv), or section 48(1)(4) of the Code.	\5/	5	class life if no class life -- 12
E. Biomass property described in section 48(1)(15) and is a qualifying small production facility within the meaning of section 3(17)(c) of the Federal Power Act, (16 U.S.C. 796(17)(C)), as in effect on September 1, 1986	\5/	5	class life if no class

life -- 12<sup>12345</sup>Footnotes

<sup>1</sup> Property described in asset class 00.12 which is qualified technological equipment as defined in section 168(i)(2) is assigned a recovery period of 5 years notwithstanding its class life. See section 3 of the revenue procedure.

<sup>2</sup> Property described in asset guideline class 01.222 is assigned a 3-year recovery period under section 168(e)(3)(A), but has no class life.

<sup>3</sup> Property described in asset guideline class 48.13 which is qualified technological equipment as defined in section 168(i)(2) is assigned a 5-1/2 year recovery period for both the general and alternative

depreciation systems.

<sup>4</sup> Any high technology medical equipment as defined in section 168(i)(2)(C) which is described in asset guideline class 57.0 is assigned a 5-1/2 year recovery period for the alternative depreciation system.

<sup>5</sup> The class life (if any) of property described in classes B, C, D, or E is determined by reference to the asset guideline classes in this revenue procedure. If an item of property described in paragraphs B, C, D, or E is not described in any asset guideline class, such item of property has no class life.

End of Footnotes