# The Florida Tangible Personal Property Appraisal Guidelines Adopted in 1997

## NOTICE: These Guidelines Are Out-of-Date

The existing Florida Tangible Personal Property Appraisal Guidelines were adopted in 1997 and are now out-of-date due to various changes in law. For example, in 2007 the U.S. Supreme Court issued a decision holding that appraisal is an "applied science" (not an art) and that appraisal methodology must be reviewed in ad valorem tax valuations. In another example, 2009 changes in sections 194.301 and 194.3015, F.S., greatly increased the legal standards for developing, reporting, and reviewing just valuations and also enacted the following additional determinative standards for just valuations: 1) compliance with professionally accepted appraisal practices; 2) avoidance of arbitrarily different appraisal practices within groups of comparable property within the same county; 3) avoidance of superseded case law; and 4) correct application of an appropriate appraisal methodology. Accordingly, the 1997 guidelines should not be used as any sort of standard for just valuation development, reporting, or review. The Department has initiated the legal and professional research for updating the guidelines, which will be done using an open and public process with opportunities for public review and comments.

## Florida Department of Revenue

#### STANDARD MEASURES OF VALUE: TANGIBLE PERSONAL PROPERTY APPRAISAL GUIDELINES

### FLORIDA DEPARTMENT OF REVENUE

## STATE OF FLORIDA DEPARTMENT OF REVENUE PROPERTY TAX OVERSIGHT PROGRAM

Post Office Box 3000 Tallahassee, Florida 32315-3000

### STANDARD MEASURES OF VALUE: TANGIBLE PERSONAL PROPERTY APPRAISAL GUIDELINES

#### Introduction

These guidelines have been prepared by the Florida Department of Revenue's Property Tax Administration Program to help achieve equity in the mass appraisal of tangible personal property through uniform application of valuation guidelines. The Florida Constitution mandates that general law regulations be prescribed to secure a just valuation of all property for ad valorem taxation. This will ensure equity within and between all classes of property among the taxing jurisdictions in Florida.

The content of these guidelines is intended to assist property owners and appraisal officials in their legal obligation to respectively report and assess tangible personal property. Appraisal officials must use sound judgment when applying the recommended guidelines, procedures, and schedules to determine the validity of property values reported by owners. Some of the suggested methodologies are intended only to provide an approximation of value for the personalty of a business typical for that class. Other job aids, such as the depreciation schedules, are recommended to determine just value based on adjustments to information obtained from property owners. Although the standard measures of value provided in these guidelines are property appraiser's considered valid tools, the statutory presumption of correctness is not refuted merely because guidelines may not establish just value. [Sections 195.032 and 195.062, Florida Statutes]

The practitioner is discouraged from relying on these guidelines without a thorough knowledge of generally accepted appraisal procedures. Instead, one should review all statements set forth within the context of this entire document and consult with jurisdictional authorities. The appraisal official is required to consider the cost, market and income approaches, and use one of these approaches or a combination of these approaches in arriving at just value. The eight factors in Section 193.011, F.S., must be considered in deriving just value.

These guidelines are not intended to limit or restrict the property appraisers or the Department in the use of generally accepted valuation techniques.

The Property Tax Administration Program strives to provide taxpayers and taxing authorities with current information regarding changes in the tax laws of the State of Florida and its political subdivisions. Please direct any questions regarding this edition or suggestions for future updates and publications of these guidelines to the Florida Department of Revenue.

[Sections 195.032 and 195.062, F.S.]

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### FLORIDA DEPARTMENT OF REVENUE PROPERTY TAX ADMINISTRATION PROGRAM TANGIBLE PERSONAL PROPERTY APPRAISAL GUIDELINES

#### I. PURPOSE

These guidelines are published for the purpose of implementing the procedures, requirements, programs and policies of the Department of Revenue relative to its general supervision of the assessment and valuation of tangible personal property tax rolls in the State of Florida. [Sections 193.011, 195.0012, and 195.002, F.S.]

#### II. AUTHORITY

Sections 195.032 and 195.062(1), F.S., authorize the Department of Revenue to prepare and maintain guidelines to assist the property appraisers. They are intended to assist in the assessment of property and are not construed to be the final authority or all inclusive in nature.

#### III. DEFINITIONS AND OCCURRENCES OF USE IN TEXT

- 1. **ACTUAL AGE**, pages 10, 13, and 35
- 2. **ASSEMBLAGE**, page 10
- 3. COMPUTER AND RELATED EQUIPMENT, pages 10, 11, 45, and 52
- 4. CONSTRUCTION WORK IN PROGRESS, pages 11, 25, and 26
- 5. **DEPRECIATION**, pages 3, 11, 12, 13, 15, 18, 35, 37, 38, 40, 41, 43, 48, and 49
- 6. **ECONOMIC LIFE**, pages 12, 13, 19, 20, 35, 36, 42, 43, 44, 45, 46, and 47
- 7. **ECONOMIC OBSOLESCENCE**, pages 13 and 41
- 8. **EFFECTIVE AGE**, pages 13, 35, 38, 43, and 46
- 9. FLOATING STRUCTURE, pages 13 and 14
- 10. FUNCTIONAL OBSOLESCENCE, pages 12, 14, 36, 40, and 41
- 11. HISTORICAL COST, pages 14, 15, 36, 37, 38, and 43
- 12. HOUSEHOLD GOODS, pages 15, 26, and 29
- 13. INTANGIBLE PERSONAL PROPERTY, pages 15 and 44
- 14. **INVENTORY**, pages 16, 25, 26, 29, 30, and 45

- 15. **JUST VALUE**, pages 3, 16, 17, 34, 35, 43, 44, and 47
- 16. **LEASEHOLD**, pages 17 and 33
- 17. LEASEHOLD IMPROVEMENTS, pages 17 and 33
- 18. MARKET VALUE, pages 12, 17, 37, 38, 40, 41, 42, 43, 45, and 48
- 19. ORIGINAL COST, pages 12, 15, 18, 33, 36, 38, and 40
- 20. **PERCENT GOOD**, pages 18, 41, and 43
- 21. **POOLING OF INTERESTS METHOD OF ACCOUNTING**, pages 18, 36 and 37
- 22. PURCHASE METHOD OF ACCOUNTING, pages 19 and 36
- 23. REMAINING ECONOMIC LIFE, pages 19, 20, and 43
- 24. REPLACEMENT COST, pages 12, 18, 20, 21, 40, 41, 42, and 43
- 25. **REPLACEMENT COST NEW**, pages 18, 21, 40, 41, 42, and 43
- 26. **REPRODUCTION COST**, pages 12, 21, and 22
- 27. REPRODUCTION COST NEW, page 22
- 28. SALVAGE VALUE, pages 22 and 43
- 29. **SITUS**, pages 22, 24, and 32
- 30. **SUPPLIES**, pages 16, 25, and 55
- 31. **TANGIBLE PERSONAL PROPERTY**, pages 3, 7, 10, 11, 14, 15, 22, 23, 25, 29, 30, 31, 32, 33, 34, 35, 36, 38, 43, 44, 45, 47, and 49
- 32. TRADE FIXTURES, pages 26 and 55
- 33. UNIT METHOD OF VALUATION, pages 27 and 44
- 34. **VALUE**, pages 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 25, 26, 27, 28, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 47, and 48
- 35. VALUE IN EXCHANGE, pages 27 and 28

#### PUBLICATIONS USED WITH PERMISSION AS REFERENCES FOR DEFINITIONS

Appraising Machinery and Equipment, American Society of Appraisers (ASA), McGraw Hill, 1989.

<u>Assessment of Personal Property</u>, Course 5, International Association of Assessing Officers, 130 E. Randolph Street, Suite 850, Chicago, Il 60601, 1996.

Black's Law Dictionary, 6th Ed., West Publishing Co., 50 W. Kellogg Blvd., P.O. Box 64526, St. Paul, Mn 55164-0526, 1990.

Florida Administrative Code.

Florida Statutes.

IBM Dictionary of Computing, McGraw-Hill, Inc., 1994.

Introduction to Machinery & Technical Specialties Valuation, Principles of Valuation, MTS201, American Society of Appraisers (ASA), 1991.

Opinions of the Accounting Principles Board, Opinion No. 16 on Business Combinations issued by the Accounting Principles Board (APB16) of the American Institute of Certified Public Accountants, 1970.

Property Appraisal and Assessment Administration, The International Association of Assessing Officers (IAAO), 130 E. Randolph Street, Suite 850, Chicago, Il 60601, 1990.

Standard on Valuation of Personal Property, International Association of Assessing Officers (IAAO), 130 E. Randolph Street, Suite 850, Chicago, Il 60601, 1996.

The Appraisal of Real Estate, 10th Edition, Appraisal Institute, 1992.

The Dictionary of Real Estate Appraisal, Third Edition, Appraisal Institute, 1993.

<u>Uniform Standards of Professional Appraisal Practice</u> (USPAP), The Appraisal Foundation, 1029 Vermont Avenue, NW, Suite 900. Washington, DC 20005-3517, 1996.

NOTE: More current editions of these publications or new case law may require revision or will supersede the current definitions.

NOTE: Many of the following definitions apply to real estate but are, in fact, also applicable to tangible personal property. In some cases, more than one definition is given for a term; these guidelines do not establish preference of one definition to another. Where more than one definition is given, the intent is to broaden the reader's knowledge.

#### 1. ACTUAL AGE

REFERENCE

THE DICTIONARY
OF REAL ESTATE
APPRAISAL, Third
Edition, Appraisal
Institute, 1993,
p. 5.

#### DESCRIPTION

ACTUAL AGE. The number of years that have elapsed since the construction of an improvement was completed; also called historical or chronological age.

#### 2. ASSEMBLAGE

REFERENCE

USPAP, 1996 Edition, The Appraisal Foundation, p. 136.

#### DESCRIPTION

**ASSEMBLAGE.** In appraising personal property: the combining of properties (e.g.: items, components, or the like) into units, sets, or groups.

#### 3. COMPUTER AND RELATED EQUIPMENT

REFERENCE

IBM DICTIONARY OF COMPUTING, McGraw Hill, Inc., 1994, pp. 129, 432.

#### DESCRIPTION

COMPUTER. A functional unit that can perform substantial computations, including numerous arithmetic operations and logic operations without intervention during a run. In information processing, the term computer usually describes a digital computer. A computer may consist of a stand-alone unit or may consist of several interconnected units.

In terms of size and processing power, the hierarchy of computers consists supercomputers, mainframes, (usually called processing units or processors), superminis, minicomputers, and microcomputers. As the computing power and storage capability of microcomputers grows and size minicomputers decreases to table-top dimensions, the distinctions

between micros and minis will become less distinct and may eventually disappear.

Note: Computer related equipment includes monitors, printers, scanners, disk drives, cables, and other electronic peripherals commonly used as part of a non-production computer system.

For purposes of these guidelines, the term "computer equipment" specifically excludes production computers which are embedded in machinery; nor does it include equipment or computers specifically designed for use in application directly any related manufacturing. For example, equipment used manufacture of computers, for the semiconductors, or other components are production components.

#### 4. CONSTRUCTION WORK IN PROGRESS

REFERENCE

DESCRIPTION

SECTION 192.001 (11)(d), FLORIDA STATUTES

CONSTRUCTION WORK IN PROGRESS. Consists of those items of tangible personal property commonly known as fixtures, machinery, and equipment when in the process of being installed in new or expanded improvements to real property and whose value is materially enhanced upon connection with a preexisting, operational system or facility. Construction in progress shall be substantially completed when connected with the preexisting, taxable, operational system or facility.

#### 5. DEPRECIATION

REFERENCE

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-2. DESCRIPTION

**DEPRECIATION IN ACCOUNTING.** A method providing for systematic allocation of recovery of cost over an asset life.

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-2.

DEPRECIATION IN APPRAISAL. A loss of market value of an asset relative to its cost. It may stem from any cause that results in actual loss.

PROPERTY APPRAISAL AND ASSESSMENT ADMINISTRATION, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1990, p. 641.

**DEPRECIATION.** Loss in value of an object, relative to its replacement cost, reproduction cost, or original cost, whatever the cause of the loss in value. Depreciation is sometimes subdivided into three types: physical deterioration (wear and tear), functional obsolescence (suboptimal design in light of current technologies or taste), and economic obsolescence (poor location or radically

diminished demand for the product).

THE DICTIONARY OF REAL ESTATE APPRAISAL, Third Edition, Appraisal

**DEPRECIATION.** (1.) In appraising, a loss in property value from any cause; the difference between the reproduction or replacement cost of an improvement on the Institute, 1993, p. 96. effective date of the appraisal and the market value on the same date. (2.) In regard to improvement, depreciation encompasses both deterioration and obsolescence. (3.) In accounting, an allowance made against the loss in value of an asset for a defined purpose and computed using a specified method.

NOTE: Two definitions for the application of depreciation are recognized: one as applied in appraising and one as applied in accounting. The reader should be aware of the differences.

#### **ECONOMIC LIFE** 6.

REFERENCE

DESCRIPTION

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-2.

ECONOMIC LIFE. The period of time over which an asset's operation is economically feasible. The economic life may or may not be equivalent to physical life of the asset.

BLACK'S LAW DICTIONARY, 6th Edition, West p. 513.

**ECONOMIC LIFE.** Useful or profitable life of property, which may be shorter than the physical life. Publishing Co., 1990, also Economic Obsolescence.

#### 7. ECONOMIC OBSOLESCENCE

REFERENCE

ASSESSMENT OF PERSONAL PROPERTY. International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1006, p. A-2. DESCRIPTION

ECONOMIC OBSOLESCENCE [EXTERNAL OBSOLESCENCE]. The loss in value (relative to the cost of replacing it with a property of equal utility) resulting from causes outside the property suffering the loss. Usually locational in nature in depreciation of real estate; it is more commonly market wide in personal property and is generally considered to be economically unfeasible to cure.

#### 8. EFFECTIVE AGE

REFERENCE

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-2. DESCRIPTION

**EFFECTIVE AGE.** An age assigned to an asset based on a combination of its actual age and condition.

#### 9. FLOATING STRUCTURE

REFERENCE

DESCRIPTION

SECTION 192.001(17), barge FLORIDA STATUTES

FLOATING STRUCTURE. Means a floating

-like entity, with or without accommodations built thereon, which is not primarily used as a means of transportation on water but which serves purposes or provides services typically associated with a structure or other improvement to real property. The term "floating structure" includes, but is not limited to, each entity used as a residence, place business, office, hotel or motel, restaurant or lounge, clubhouse, meeting

facility, storage or parking facility, mining platform, dredge, dragline, or similar facility or entity represented as such. Floating structures are expressly excluded from the definition of the term "vessel" provided in s. 327.02, F.S. Incidental movement upon water shall not, in and of itself, preclude an entity from classification as a floating structure. A floating structure is expressly included as a type of tangible personal property.

#### 10. FUNCTIONAL OBSOLESCENCE

#### REFERENCE

ASSESSMENT OF
PERSONAL PROPERTY,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1996, p. A-3.

INTRODUCTION TO
MACHINERY & TECHNICAL
SPECIALTIES VALUATION,
Principles of
Valuation, MTS201,
American Society of
Appraisers, 1991,
p. A-4.

#### 11. HISTORICAL COST

#### REFERENCE

INTRODUCTION TO
MACHINERY & TECHNICAL
SPECIALTIES VALUATION,
Principles of
Valuation, MTS201,
American Society of
Appraisers, 1991,
p. A-5.

#### DESCRIPTION

functional obsolescence. A loss in value of an asset stemming from some cause within the asset yet not attributable to physical deterioration. In personal property, the primary cause of functional obsolescence is technological innovation. Other causes are changes in tastes, preferences, or market standards.

FUNCTIONAL OBSOLESCENCE. Loss in value due to factors inherent in the property itself and changes in design, materials, or process resulting in inadequacy, over capacity, excess construction, lack of functional utility, use of materials, or excess operating costs.

#### DESCRIPTION

**HISTORICAL COST.** The initial capitalized cost of an asset at the time it was first put into service.

BLACK'S LAW DICTIONARY, 6th Edition, West Publishing Co., 1990, p. 730. **HISTORICAL COST.** In accounting, acquisition or original cost; e.g. original construction cost of building.

THE DICTIONARY OF REAL ESTATE APPRAISAL, Third Edition, Appraisal Institute, 1993, p. 172.

**HISTORICAL COST.** The cost of a property when it was originally constructed.

ASSESSMENT OF
PERSONAL PROPERTY,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1996, p. A-3.

HISTORIC COST. The cost of an asset not adjusted for inflation since the date of purchase. Usually the basis for depreciation in accounting which has a requirement that all information on financial statements be presented in terms of the item's original cost to the entity.

#### 12. HOUSEHOLD GOODS

REFERENCE

DESCRIPTION

SECTION 192.001 (11)(a), FLORIDA STATUTES

HOUSEHOLD GOODS. Means wearing apparel, furniture, appliances, and other items ordinarily found in the home and used for the comfort of the owner and his or her family. Household goods are not held for commercial purposes or resale.

#### 13. INTANGIBLE PERSONAL PROPERTY

REFERENCE

DESCRIPTION

SECTION 192.001 (11)(b), FLORIDA STATUTES

INTANGIBLE PERSONAL PROPERTY. Means money, all evidences of debt owed to the taxpayer, all evidences of ownership in a corporation or other business organization having multiple owners, and all other forms of property where value is based upon that which the property represents rather than its own intrinsic value.

#### 14. INVENTORY

REFERENCE

SECTION 192.001 (11)(c), FLORIDA STATUTES

#### DESCRIPTION

**INVENTORY.** Means only those chattels consisting of items commonly referred to as goods, wares, and merchandise (as well as inventory) which are held for sale or lease to customers in the ordinary course of business. Supplies and raw materials shall be considered to be inventory only to the extent that they are acquired for sale or lease to customers in the ordinary course of business or will physically become a part of merchandise intended for sale or lease to customers in the ordinary course business. Partially finished products which when completed will be held for sale or lease to customers in the ordinary course of business shall be deemed items of inventory. All livestock shall be considered inventory. Items of inventory held for lease to in the customers ordinary course business, rather than for sale, shall be deemed inventory only prior to the initial lease of such items. For the purposes of this section, fuels used in the production electricity shall be considered inventory.

#### 15. JUST VALUE

REFERENCE

FLORIDA ADMINISTRATIVE CODE (12D-1.002(2), F.A.C.)

DESCRIPTION

JUST VALUE - JUST VALUATION, Actual Value and Value. The price at which a property, if offered for sale in the open market, with a reasonable time for the seller to find a purchaser, would transfer for cash or its equivalent, under prevailing market conditions between parties who have knowledge of the uses to which the property may be put, both seeking to maximize their gains and neither being in a position to take advantage of the exigencies of the other.

SUPREME COURT OF FLORIDA, WALTER v. SCHULER, 176 So.2d 81, 85-6 (Fla. 1965) "that 'fair market value' and 'just valuation' should be declared 'legally synonymous'...in turn, may be established by the classic formula that this is the amount a 'purchaser willing but not obliged to buy, would pay to one willing but not obliged to sell.'"

#### 16. LEASEHOLD

REFERENCE

PROPERTY APPRAISAL
AND ASSESSMENT
ADMINISTRATION,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1990, p. 649.

#### DESCRIPTION

**LEASEHOLD.** The interests in a property that are associated with the lessee (the tenant) as opposed to the lessor (the property owner).

#### 17. LEASEHOLD IMPROVEMENTS

REFERENCE

ASSESSMENT OF
PERSONAL PROPERTY,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1996, p. A-4.

BLACK'S LAW
DICTIONARY,
6th Edition,
West Publishing
Co., 1990, p. 890.

DESCRIPTION

LEASEHOLD IMPROVEMENTS. Items of personal property such as furniture and fixtures associated with a lessee (the tenant) that have been affixed to the real property owned by the lessor.

LEASEHOLD IMPROVEMENTS. Improvements made by lessee to leased property such as a parking lot or driveway. The term is used in condemnation proceedings to determine the portion of the award to which the lessee is entitled.

18. MARKET VALUE

See **JUST VALUE**, page 16.

#### 19. ORIGINAL COST

#### REFERENCE

INTRODUCTION TO
MACHINERY & TECHNICAL
SPECIALTIES VALUATION,
Principles of
Valuation, MTS201,
American Society
of Appraisers, 1991,
p. A-5.

#### DESCRIPTION

**ORIGINAL COST.** The initial capitalized cost of the asset in the hands of its present owner.

#### 20. PERCENT GOOD

#### REFERENCE

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-4.

#### DESCRIPTION

**PERCENT GOOD.** The percentage of replacement cost new that results in market value, percent good represents the value remaining after allowing for depreciation.

PROPERTY APPRAISAL
AND ASSESSMENT
ADMINISTRATION,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1990, p. 656.

**PERCENT GOOD.** An estimate of the value of a property, expressed as a percentage of its replacement cost, after depreciation of all kinds has been deducted.

#### 21. POOLING OF INTERESTS METHOD OF ACCOUNTING

#### REFERENCE

OPINION NO. 16 ON BUSINESS COMBINATIONS, ACCOUNTING PRINCIPLES BOARD, AMERICAN INSTI-TUTE OF CERTIFIED PUBLIC ACCOUNTANTS, 1970.

#### DESCRIPTION

POOLING OF INTERESTS METHOD OF ACCOUNTING. This method accounts for a business combination as the uniting of the ownership interests of two or more companies by exchange of equity securities. No acquisition is recognized because the combination is accomplished without disbursing resources of the constituents. Ownership interests continue and the former bases of accounting are retained. The recorded assets and liabilities of the

constituents are carried forward to the combined corporation at their recorded amounts. Income of the combined corporation includes income of the constituents for the period entire fiscal in which combination occurs. The reported income of the constituents for prior periods combined and restated as income of the combined corporation. This method accounting is applied only to business combinations effected by an exchange of stock and not those involving primarily cash, other assets, or liabilities.

#### 22. PURCHASE METHOD OF ACCOUNTING

REFERENCE

OPINION NO.16 ON BUSINESS COMBINATIONS, ACCOUNTING PRINCIPLES BOARD, AMERICAN INSTI-TUTE OF CERTIFIED PUBLIC ACCOUNTANTS, 1970. DESCRIPTION

PURCHASE METHOD OF ACCOUNTING. This method accounts for a business combination as the acquisition of one company by another. acquiring corporation records as their cost the acquired assets less liabilities assumed. The difference between the cost of an acquired company and the sum of the fair values of tangible and identifiable intangible assets less liabilities recorded as goodwill. The reported income of an acquiring corporation includes the operations of the acquired company after acquisition, based on the cost to the acquiring corporation.

#### 23. REMAINING ECONOMIC LIFE

REFERENCE

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-5. DESCRIPTION

**REMAINING ECONOMIC LIFE (REL).** The number of years in the future over which the operation of an asset is anticipated to be economically feasible, often expressed as a percentage of the total economic life (REL%).

PROPERTY APPRAISAL
AND ASSESSMENT
ADMINISTRATION,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1990, p. 660.

REMAINING ECONOMIC LIFE. The number of years remaining in the economic life of a building or other improvement as of the date of the appraisal. This period is influenced by the attitudes of market participants and by market reactions to competitive properties on the market.

THE DICTIONARY OF OF REAL ESTATE APPRAISAL, Third Edition, Appraisal Institute, 1993, p. 301.

REMAINING ECONOMIC LIFE. The estimated period during which improvements will continue to contribute to property value; an estimate of the number of years remaining in the economic life of the structure or structural components as of the date of the appraisal.

#### 24. REPLACEMENT COST

REFERENCE

DESCRIPTION

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, 130 E. Randolph St., Suite 850, Chicago, Il 60601, 1996, p. A-5. **REPLACEMENT COST.** The amount necessary in current dollars to replace an asset with one of equal utility.

PROPERTY APPRAISAL
AND ASSESSMENT
ADMINISTRATION,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1990, p. 660.

REPLACEMENT COST. The cost, including material, labor, and overhead, that would be incurred in constructing an improvement having the same utility to its owner as the improvement in question, without necessarily reproducing exactly any particular characteristic of the property.

BLACK'S LAW DICTIONARY, 6th Edition, West Publishing Co., 1990, p. 1299.

REPLACEMENT COST. The present cost of replacing the improvement with one having the same utility. State Highway Commission v. Demarest, 263 Or. 590, 503 P. 2d 682, 690. Cost of replacing lost, stolen or destroyed property to its former use and value.

THE DICTIONARY
OF REAL ESTATE
APPRAISAL, Third
Edition, Appraisal
Institute, 1993,
p. 303.

REPLACEMENT COST. The estimated cost to construct, at current prices as of the effective appraisal date, a building with utility equivalent to the building being appraised, using modern materials and current standards, design, and layout.

#### 25. REPLACEMENT COST NEW

REFERENCE

INTRODUCTION TO
MACHINERY & TECHNICAL
SPECIALTIES VALUATION,
Principles of
Valuation, MTS201,
American Society
of Appraisers, 1991,
p. A-1.

DESCRIPTION

**REPLACEMENT COST NEW (RCN).** The current cost of a similar new property having the nearest equivalent utility as the property being appraised.

#### 26. REPRODUCTION COST

REFERENCE

ASSESSMENT OF
PERSONAL PROPERTY,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il, 60601, 1996, p. A-5.

PROPERTY APPRAISAL
AND ASSESSMENT
ADMINISTRATION,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1990, p. 661.

DESCRIPTION

**REPRODUCTION COST.** The amount necessary in current dollars to replace an asset with exactly the same characteristics.

REPRODUCTION COST. The cost, including material, labor, and overhead, that would be incurred in constructing an improvement having exactly the same characteristics as the improvement in question.

#### 27. REPRODUCTION COST NEW

REFERENCE

INTRODUCTION TO
MACHINERY & TECHNICAL
SPECIALTIES VALUATION,
Principles of
Valuation, MTS201,
American Society of
Appraisers, 1991, p. A-1.

#### DESCRIPTION

**REPRODUCTION COST NEW.** The cost of reproducing a new replica of a property on the basis of current prices with the same or closely similar materials.

#### 28. SALVAGE VALUE

REFERENCE

INTRODUCTION TO
MACHINERY & TECHNICAL
SPECIALTIES VALUATION,
Principles of
Valuation, MTS201,
American Society of
Appraisers, 1991,
p. A-3.

#### 29. SITUS

REFERENCE

SECTION 192.032 (2), (3), AND (4), FLORIDA STATUTES

#### DESCRIPTION

SALVAGE VALUE. The amount expressed in terms of money that may be expected for the whole property or a component of the whole property that is retired from service for use elsewhere. Salvage value can be distinguished from scrap value which is the amount expressed in terms of money that could be realized for the property if it were sold for its material content, not for a productive use.

#### DESCRIPTION

**SITUS.** (2) All tangible personal property which is not immune under the state or federal constitutions from ad valorem taxation, in that county and taxing jurisdiction in which it is physically present on January 1 of each year unless such property has been physically present in another county of this state at any time during the preceding 12-month period, in which case the provisions of subsection (3) apply. Additionally, tangible personal property brought into the state January 1 and before April 1 of any year shall be taxable for that year if the  $\frac{1}{2}$ property appraiser has reason to believe that such property will be removed from the state prior to January 1 of the next succeeding year. However, tangible personal property physically present in the

state on or after January 1 for temporary purposes only, which property is in the state for 30 days or less, shall not be subject to assessment. This subsection does not apply to goods in transit, as described in subsection (4) or supersede the provisions of s. 193.085(4).

- (3) If more than one county of this state assesses the same tangible personal property in the same assessment year, resolution of such multicounty dispute shall be governed by the following provisions:
- (a) Tangible personal property which was physically present in one county of this state on January 1, but present in another county of this state at any time during the preceding year, shall be assessed in the county and taxing jurisdiction where it was habitually located or typically present. All tangible personal property which is removed from one county in this state to another county after January 1 of any year shall be subject to taxation for that year in the county where located on January 1; except that this subsection does not apply to tangible personal property located in a county on January 1 on a temporary or if transitory basis such property included in the tax return being filed in the county in this state where such tangible personal property is habitually located or typically present.
- (b) For purposes of this subsection, an of tangible personal item property "habitually located or typically present" in the county where it is generally kept for use or storage or where it is consistently returned for use or storage. For purposes of this subsection, an item of tangible personal property is located in a county on a "temporary or transitory basis" if it is located in that county for a short duration or limited utilization with an intention to remove it to another county where it is usually used or stored.

- (4)(a) Personal property manufactured or produced outside this state and brought into this state only for transshipment out of the United States, or manufactured or produced outside the United States and brought into this state for transshipment out of this state, for sale in the ordinary course of trade or business is considered goods-intransit and shall not be deemed to have acquired a taxable situs within a county even though the property is temporarily halted or stored within the state.
- (b) The term "goods-in-transit" implies that the personal property manufactured or produced outside this state and brought into this state has not been diverted to domestic use and has not reached its final destination, which may be evidenced by the fact that the individual unit packaging device utilized in the shipping of the specific personal property has not been opened except for inspection, storage, or other process utilized in the transportation of the personal property.
- Personal property transshipped into (C) this state and subjected in this state to a subsequent manufacturing process or used in this state in the production of other personal property is not goods-in-transit. Breaking in bulk, labeling, packaging, relabeling, or repacking of such property solely for its inspection, storage, transportation to its final destination outside the state shall not be considered to be a manufacturing process or the production other personal property within the of meaning of this subsection. However, such storage shall not exceed 180 days.

[The actual location of a property for purposes of taxation.]

#### 30. SUPPLIES

#### REFERENCE

STANDARD ON VALUATION OF PERSONAL PROPERTY, International Association of Assessing Officers, 1996, p. 4.

Commentary provided by Florida Chapter of International Association of Assessing Officers, Tangible Personal Property Steering Committee, 1996.

#### DESCRIPTION

SUPPLIES. Stocks of goods intended to be consumed during the production process but are not part of the raw materials inventory that is processed into the finished product. Examples of supplies include chemicals, clothing, pallets, paper, shipping materials, fuels, and repair parts. Unlike inventory, supplies are not held for resale. Supplies should be valued at their acquisition cost.

SUPPLIES. Common types of property that may be misclassified and unreported by taxpayers. They render a service to the business but are not embodied in the final product. They include, but are not limited to: office and professional supplies, wrapping materials, replacement and repair parts, clothing, lubricating oils, mail & shipping supplies, selling and advertising supplies, janitorial & cleaning supplies, chemicals, pallets, fuel and items. consumable Under section 192.001(11)(c), F.S., supplies and materials shall be considered to inventory only to the extent that they are acquired for sale or lease to customers in the ordinary course of business or will physically become a part of merchandise intended for sale or lease to customers in the ordinary course of business.

#### 31. TANGIBLE PERSONAL PROPERTY

REFERENCE

DESCRIPTION

SECTION 192.001 (11)(d), FLORIDA STATUTES

TANGIBLE PERSONAL PROPERTY. Means all goods, chattels, and other articles of value (but does not include the vehicular items enumerated in s. 1(b), Art. VII of the State Constitution and elsewhere defined) capable of manual possession and whose chief value is intrinsic to the article itself. "Construction work in progress" consists of those items of tangible personal property commonly known as fixtures, machinery, and equipment when

in the process of being installed in new or expanded improvements to real property and whose value is materially enhanced upon connection or use with a preexisting, taxable, operational system or facility. Construction work in progress shall be deemed substantially completed when connected with the preexisting, taxable, operational system or facility. Inventory and household goods are expressly excluded from this definition.

#### 32. TRADE FIXTURES

#### REFERENCE

ASSESSMENT OF
PERSONAL PROPERTY,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1996, p. A-6.

BLACK'S LAW DICTIONARY, 6th Edition, West Publishing Co., 1990, 1493.

THE APPRAISAL
OF REAL ESTATE,
10th Edition,
Appraisal Institute,
1992, p. 8-9.

#### DESCRIPTION

**TRADE FIXTURES.** Property attached to a rented space or building by a tenant, used in conducting a business and owned by the tenant.

TRADE FIXTURES. Personal property used by tenants in carrying on business. Such fixtures retain the character of personal property; e.g. shelves used to display merchandise.

A trade fixture, also called a chattel fixture, is an article that is owned and attached to a rented space or building by a tenant and used in conducting a business. Thus, trade fixtures are not real estate endowed with the rights of real property ownership; they are personal property regardless of how they are affixed. examples of trade fixtures are restaurant booths and bars, gasoline station pumps and storage tanks, and body building equipment In industrial real in a health club. estate, the term can be used to refer to fixed building equipment installed for human comfort (e.g., plumbing, lighting, heating, air-conditioning) and to industrial equipment (e.g., air hoses, water pipelines, craneways, bus ducts). A trade fixture is to be removed by the tenant when the lease expires unless this

right has been surrendered in the lease. To decide whether an item is a trade fixture, and therefore personal property, or part of the real estate, courts use the following criteria: 1. The manner in which the item affixed. Generally, item an considered personal property if it can be removed without serious injury to the real There are exceptions estate or to itself. to this rule. 2. The character of the item and its adaptation to the real estate. Items that are specifically constructed for use in a particular building or installed to carry out the purpose for which the building erected are generally was considered permanent parts of the building. intention of the party who attached the item. Frequently, the terms of the lease reveal whether the item is permanent or to be removed at some future time.

#### 33. UNIT METHOD OF VALUATION

REFERENCE

DESCRIPTION

[See discussion of Unit Method on page 44.]

#### 34. VALUE

REFERENCE

ASSESSMENT OF
PERSONAL PROPERTY,
International
Association of
Assessing Officers,
130 E. Randolph St.,
Suite 850, Chicago,
Il 60601, 1996,
p. A-6.

BLACK'S LAW
DICTIONARY,
6th Edition,
West Publishing
Co., 1990,
p. 1551.

#### DESCRIPTION

VALUE. The relationship between an object desired and a potential owner, the characteristics of scarcity, utility, desirability, and transferability must be present for value to exist. Value may also be described as the present worth of future benefits arising from the ownership of real or personal property.

**VALUE.** The utility of an object in satisfying, directly or indirectly, the needs or desires of human beings, called by economist "value in use," or its worth consisting in the power of purchasing other objects, called "value in exchange."

#### 35. VALUE IN EXCHANGE

REFERENCE

ASSESSMENT OF PERSONAL PROPERTY, International Association of Assessing Officers, Suite 850, Chicago, Il 60601, 1996, p. A-7. DESCRIPTION

VALUE IN EXCHANGE. The amount an informed purchaser would offer in exchange for property under given market conditions.

The concept that are The concept that states value is based on the ability of property to command another 130 E. Randolph St., asset, such as money, in trade.

#### IV. PROPERTY SUBJECT TO TAXATION

Section 192.011, F.S., states in part that "The property appraiser shall assess all property located within the county, except inventory..." Tangible personal property is specifically defined in section 192.001(11)(d), F.S., and is hereby incorporated by reference. Note: See section 193.621, F.S. and chapter 62-8, F.A.C., for special rules concerning assessment of pollution control devices.

#### V. EXEMPTIONS AND EXCLUSIONS

Chapter 192, F.S., excludes certain items from taxation, while chapter 196, F.S., exempts certain items from the tax imposed on tangible personal property. Excluded property is not subject to tax return filing requirements. Exempt property is not subject to payment of taxes but may be subject to all the return filing requirements of property subject to ad valorem tax. A current listing of some of the excluded and exempted properties in accordance with the above referenced statutes follows:

- Real and personal property of the United States, state, and counties, under section 196.199, F.S. (Exempt or immune) (No filing by federal entity required.)
- 2. Real and personal property of a municipality used exclusively by it for municipal or public purposes, under section 3(a), Article VII, Florida Constitution and section 196.199, F.S. (Exempt)
- 3. Real and personal property devoted exclusively to religious, charitable, scientific or literary purposes qualifying under section 196.196, F.S. (Exempt)
- 4. Household goods and personal effects in homestead property as provided by sections 196.181 and 192.001(11)(a), F.S. The Florida Supreme Court in Colding v. Herzog, 467 So. 2d 980 (Fla. 1985), determined that household goods in non-homesteaded property, owned and used by natural persons, are not subject to tax. However, goods used as furnishings in rented or leased property are subject to tax. (Exempt) (No filing requirement.)
- 5. Renewable energy sources, qualifying under section 196.175, F.S. (Exempt)

- 6. Real and tangible personal property of hospitals, nursing homes and homes for special services qualifying under section 196.197, F.S. (Exempt).
- 7. Real and tangible personal property of non-profit homes for the aged qualifying under section 196.1975, F.S. (Exempt).
- 8. Real and tangible personal property of educational institutions qualifying under section 196.198, F.S. (Exempt)
- 9. Real and tangible personal property of community centers qualifying under section 196.1986, F.S. (Exempt)
- 10. Certain property in economic development areas of enterprise zones qualifying and granted exemption by local government under section 196.1995, F.S. (Exempt)
- 11. Real and tangible personal property of certain not-forprofit sewer and water companies qualifying under section 196.2001, F.S. (Exempt)
- 12. Inventory qualifying under section 196.185, F.S. (Exempt) (No filing requirement.)
- 13. Licensed motor vehicles and vessels used to transport persons or property over roads or waterways, including items appropriate and necessary to perform the transportation function for which the vehicle or vessel is designed or equipped. Motor vehicles and vessels employed primarily as a "work platform" for equipment and in certain other uses are not exempt. See Article VII Section 1(b) of the Florida Constitution and Crane Rental v. Hausman, 532 So. 2d 1057 (Fla. 1988) (Excluded) (No filing requirement.)
- 14. Mobile homes and recreational vehicles properly licensed as provided in section 320.08(11), F.S., and as provided under section 193.075, F.S. Mobile homes without current decals or license plates properly displayed and visible shall be presumed to be tangible personal property. [Section 193.075, F.S.]

When the mobile home is tied down and hooked up to the normal and usual utilities, it is considered to be permanently affixed to the land. When the owner of the mobile home is also the owner of the land to which the mobile home is permanently affixed, the mobile home is considered and assessed as real property .

Mobile homes and travel trailers located in the state for at least six (6) consecutive months are not exempt from the

requirements for Florida registration and display of current decals or license plate. [Section 320.37, F.S.]

To obtain exemption classification, an application (Form DR-501, Department of Revenue, r. 7/95, and as subsequently amended) must be made and a return (Form DR-504, Department of Revenue, r. 6/88, and as subsequently amended, or Form DR-504S, Department of Revenue, r. 12/93, and as subsequently amended) must be filed; exemptions are not automatic. Tangible personal property is exempt only to the extent that its use meets requirements set forth in chapter 196, F.S. Please note the provision relating to taxpayer responsibilities contained in section 196.021, F.S.

#### VI. DISCOVERY

- A. The efficiency and equity of the personal property taxing system is directly related to an effective discovery program. Basic sources for the discovery of personal property and ownership are as follows:
  - 1. Previous assessment records;
  - 2. Physical inspections;
  - 3. Tangible personal property tax returns (Form DR-405 r. 7/93, and as subsequently amended or approved substitute, see Attachment F and page 44);
  - 4. Real property field appraiser reports and records;
  - 5. Audits;
  - 6. State and local sales tax permits;
  - 7. State, city, and county business licenses;
  - 8. Chamber of commerce membership;
  - 9. New business listings from news media;
  - 10. Public records (e.g., trade name records, chattel mortgage records, corporation charters, financing statements, and fictitious name notices);
  - 11. Property transfer documents;
  - 12. Classified advertisements;

- 13. Telephone directories;
- 14. City directories;
- 15. Accounting records;
- 16. Tax returns federal and state;
- 17. State agencies; and
- 18. Canvassing (commercial address listing).
- B. A tangible personal property tax return along with the previous year's assessment record is typically the primary source of discovery. When this is insufficient or unavailable, other sources should be used. Sources such as financial statements, physical inspection, accounting records, federal tax returns, etc., also help to verify whether a property is listed on the tangible personal property tax return.
- C. Once the property has been discovered and the owner identified, the appraiser should systematically inspect the property and establish an account or record for the owner or business. The appraiser should speak to the owner or manager of the property, explain the purpose of the visit, and obtain the necessary data from the appropriate person(s).
- D. Information that should be obtained in detail includes the following:
  - 1. Name (doing business as or also known as);
  - 2. Type of business;
  - 3. Type of ownership;
  - 4. Situs of the personal property and mailing address of the business;
  - 5. Name and address of the owner(s);
  - 6. Telephone number of the business;
  - 7. Name and title of the person supplying the information;
  - 8. Name, address, and telephone number of the party keeping records for the business;

- 9. Beginning date for the business and business fiscal year;
- 10. A listing of tangible personal property belonging to the owner including description, manufacturer, model number, age and general condition;
- 11. For leased equipment: the name and address of the owner/lessor, a description of the equipment including name of manufacturer, date of manufacture, model number, serial number, list price, and original cost if available, [lease number, terms of the lease and whether it's a capital lease (a purchase) or operating lease (rental agreement). If possible, a copy of the lease agreement should be obtained];
- 12. Leasehold improvements may be assessed as real property. Care should be taken to avoid double assessment. A copy of the lease agreement should be obtained to determine whether the improvement should be assessed as real estate or personal property;
- 13. For loaned or consigned items (e.g. vending and amusement machines and jukeboxes, etc.): the name and address of the owner(s), a brief description of the equipment including name of manufacturer, date of manufacture, model number, serial number, list price, and cost if available;
- 14. A list of tangible personal property owned by the business but located at another site within the county, including a detailed description and the location.

#### VII. STEPS IN THE INITIAL VALUATION PROCESS

Procedures should be used by the county property appraisers and their appraisal staffs to insure equity and uniformity when valuing the many types of tangible personal property. These guidelines were prepared in an effort to simplify the complex problems encountered when appraising tangible personal property.

- A. Identify the tangible personal property using discovery techniques as described in Section VI, of this manual.
  - 1. Begin with the preparation of a worksheet. (See sample property worksheet, Attachment E)

- 2. Perform a field review to verify the business exists, to determine use codes (See Rule 12D-8.009, F.A.C.) and length of time the business has operated within the county, and to determine the date assets were brought into your county.
- 3. Mail tangible personal property tax returns to taxpayers. The forms will contain instructions on completion requirements and filing deadlines.
- 4. A second notice is recommended for all accounts failing to respond by the due date (April 1). This mailing should be completed as soon as practicable after April 2nd.
- 5. Penalties should be assessed, when applicable, in accordance with sections 193.062 and 193.072, F.S.
- B. Upon receiving a tangible personal property tax return from the taxpayer, calculate the just value.
  - 1. Review the tangible personal property tax return for completeness and resolve any discrepancies with the property owner or their agent, if possible. Use information on and/or attached to the return to calculate the personal property's just value.

#### Examples:

- a. For an established account, compare the current and prior year tax returns to insure that property has not been deleted without justification or replaced with other property. You may also want to compare the return with the returns of other similar businesses. Contact the property owner when there are questions and discrepancies.
- b. For a new account, compare the tax return with other returns filed by similar businesses and other discovery sources, such as equipment list(s) obtained during initial discovery. Contact the property owner to clarify questions and discrepancies.
- 2. If applicable, use the "back-assessment" provisions contained within section 193.092, F.S.
- 3. When no tax return is filed for a newly discovered taxpayer (business) and it has been determined that equipment was in place on the lien date (January 1), the value should be determined using the best information available. This information might be

obtained by a field inspection, the use of cost manuals, a review of comparable businesses, or any other appropriate procedures. Values are determined on the best information available when no return is filed and are considered *prima facie* correct. [Sections 193.073 and 195.032, F.S. and Rules 12D-8.005(1) and 12D-10.003(3), F.A.C.]

- C. Make assessments based on the just value as determined in Section B above.
- D. Notification of assessment to the taxpayer is required by section 194.011, F.S. Taxpayers may request informal conferences with the property appraiser prior to administrative or judicial review in order to resolve any objections to just value.

#### VIII. COMPONENTS USED IN THE VALUATION PROCESS

#### A. Appreciated Property

Some tangible personal property may not suffer any depreciation and could actually appreciate in value (e.g., objects of art).

#### B. Depreciation

As with all appraisals, depreciation based on effective age, not actual age, is critical to the final estimate of value. achieve statewide standardization of procedures, all appraisers in Florida should use the appropriate Equipment Index Factors Table (Equipment Index Table, Department of Revenue, 1997, and and Untrended subsequently amended, see Attachment B) Depreciation Schedule (Untrended Depreciation Schedule, Department of Revenue, 1997, and as subsequently amended, see Attachment C) or comparable tables which ensure equity in just values.

The property appraiser should make additional adjustments for unusual physical depreciation of property, when justified. Some of the conditions for which adjustments may be necessary are: unusual exposure to the elements; prolonged exposure to corrosive materials; poor maintenance of the property; the competency of the operator; and excessive or unusual use. Such adjustments should be made on an individual basis and only after physical inspection of the equipment and examination of maintenance records.

#### C. Economic Life and Useful or Physical Life

The physical life of tangible personal property is the period extending from the time a piece of equipment or other personal

property is new until it is physically no longer usable. The economic life of tangible personal property is the estimated period of time measured from the date the item is new until it loses its capacity to produce a yield greater than its maintenance expense. Physical life may be greater than, or equal to, the economic life of a specific item. In the absence of economic and functional obsolescence, economic and physical life may be identical.

The appraiser should estimate a reasonable economic life for each type of property by item or determine the aggregate economic life for a category of similar equipment as a whole.

The Life Expectancy Guidelines (Life Expectancy Guidelines, Department of Revenue, 1997, and as subsequently amended, see Attachment D) may be used for this purpose. Note: These economic life guidelines are subject to revision as verifiable and authoritative information becomes available.

#### D. Historical or Original Cost (Acquisition Cost)

The costs as shown in accounting records generally reflect the amount paid for an asset. The property may have been acquired by cash purchase, by contract on a deferred payment plan, by exchange or trade, by issuance of securities or other property, by self-construction, by gift or discovery, or by other means.

Accounting records are generally based on the price established at the time the property was acquired. The terms "historical cost" and "original cost" are typically used for this cost basis for accounting purposes. (These terms may not be synonymous for appraisal purposes. See definitions.) The cost of assets, as recorded on the books and records, seldom departs from the purchase price or rarely reflects an appreciated value of the assets. Some exceptions to this are:

- (1) Statement of Financial Accounting Standards No. 121- This statement provides for the writeoff of long-lived assets in the event that the carrying amount of the asset may not be recoverable. This statement generally requires that long-lived assets be reported at the lower of the carrying amount or fair value less cost to sell.
- (2) Under APB16 (Accounting Principles Board Opinion 16) and Section B50 (Current Text of Volume I, General Standards Section B50) published by the FASB (Financial Accounting Standards Board), a business combination such as a merger or acquisition, can be recorded as either a "purchase" or a "pooling of interests". (See definitions on pages 18 and 19.)

Under the "purchase method", the total price paid for the business is allocated to the acquired assets less

liabilities assumed based on the fair market value of the assets and liabilities. Any excess is recorded as goodwill. Care should be taken to ensure that the assets are actually recorded at their fair market value. Both the buyer and the seller have a vested interest in how the price is allocated to the assets.

The buyer and the seller will usually have adverse opinions as to how the price is allocated to the assets. The buyer wants as much of the price allocated to the depreciable assets so as to obtain depreciation writeoffs, whereas the seller is concerned about the gain/loss to be reported on the assets. Accountants and CPAs will also allocate the price according to the assets' book values. They will assume that the book values approximate fair market values.

If the price paid for the business is lower than the fair market value of the assets, the noncurrent assets, except for long-term investments, receive a lower allocation than their fair market value and could actually be recorded at a zero cost.

Under the "pooling of interests method", the recorded assets and liabilities of the separate enterprises generally become the recorded assets and liabilities of the combined enterprise. The combined enterprise combines and records the historical cost-based amounts of the assets and liabilities of the separate enterprises.

- (3) Section 179 of the Internal Revenue Code allows taxpayers the election to expense certain tangible property used in a trade or business. This is commonly referred to as "Section 179". This election enables the taxpayer to expense an asset in the year of purchase, rather than depreciating that asset over its depreciable life. These assets may not be shown on the depreciation schedule, similar to fully depreciated assets. Also, some taxpayers may delete the expensed assets, as well as fully depreciated assets from their books and records, even though these assets are still in use and may have value.
- (4) Investment credits consist of the reforestation credit, the rehabilitation credit, and the energy credit. The taxpayer generally reduces the depreciable basis of assets to reflect the investment credit taken, consequently, the asset's full cost is not reflected on the company's federal tax depreciation schedule. (See Federal Form 3468 of the Internal Revenue Code for more information.)
- (5) Fully depreciated assets are assets that have been fully depreciated by the business. Their book value (cost less accumulated depreciation) equals zero once fully depreciated. These assets might not be shown on a

company's depreciation schedule nor books and records once fully depreciated, even though the assets are still in use.

A determination of costs must be made after review of the accounting records. This cost basis should reflect the total cash outlay necessary for the acquisition of the property, including the invoice cost, freight and installation cost, sales and/or use tax, extra foundations necessary to support the equipment, and any other costs incurred for the use of the property. The appraiser must then determine if the cost basis represents market value at the time of acquisition. This may or may not be the purchase price. On occasion, particularly with asset transfers, prior book values are reported as acquisition costs and such book values are not indicative of market value and should not be used.

The historical or original cost may be the only reliable source data available for the appraisal of tangible personal property. The source data may reflect historical costs for new (original costs for used) property according to the date of acquisition. The appraiser may have to adjust the cost basis, listed in accounting records, to reflect current value at the time of acquisition. Note: It may be necessary to adjust historical costs to the trade level (i.e., manufactured cost to retail cost). A typical example is the case of a leasing company which manufactures the equipment it leases.

NOTE: If a business sells, and the reported costs of assets by the new owner vary from the costs of the same assets as reported by the previous owner, the property appraiser should use the costs, either historical or original, most indicative of market value. If it is determined that the original (used) costs are more indicative of market value, care should be taken to recognize the assets' effective ages at the time of the purchase to avoid allowing excessive depreciation.

#### E. Just Valuation

According to section 193.011, F.S., in arriving at just valuation as required under s. 4, Art. VII of the Florida Constitution, the property appraiser shall take into consideration the following factors:

- (1) The present cash value of the property, which is the amount a willing purchaser would pay a willing seller, exclusive of reasonable fees and costs of purchase, in cash or the immediate equivalent thereof in a transaction at arm's length;
- (2) The highest and best use to which the property can be expected to be put in the immediate future and the present use of the property, taking into consideration any applicable judicial limitation or local or state land use

regulation and considering any moratorium imposed by executive order, law, ordinance, regulation, resolution, or proclamation adopted by any governmental body or agency or the Governor when the moratorium or judicial limitation prohibits or restricts the development or improvement of property as otherwise authorized by applicable law. The applicable governmental body or agency or the Governor shall notify the property appraiser in writing of any executive order, ordinance, regulation, resolution, or proclamation it adopts imposing any such limitation, regulation, or moratorium;

- (3) The location of said property;
- (4) The quantity or size of the property;
- (5) The cost of said property and the present replacement value of any improvements thereon;
- (6) The condition of said property;
- (7) The income from said property; and
- (8) The net proceeds of the sale of the property, as received by the seller, after deduction of all of the usual and reasonable fees and costs of the sale, including the costs and expenses of financing, and allowance for unconventional or atypical terms of financing arrangements. When the net proceeds of the sale of any property are utilized, directly or indirectly, in the determination of just valuation of realty of the sold parcel or any other parcel under the provisions of this section, the property appraiser, for the purposes of such determination, shall exclude any portion of such net proceeds attributable to payments for household furnishings or other items of personal property.

In considering the above factors, the property appraiser should consider for use at least one of the following approaches to value as may be appropriate for the property being valued. Where reliable information is available for use of more than one of the approaches to value, the property appraiser should determine the value of the subject property after consideration of all such approaches.

(1) The **Comparable Sales Approach** involves consideration of the price or prices at which the property or comparable properties have recently sold.

When utilizing the comparable sales approach, the appraiser must consider all factors the buyers and sellers of similar equipment consider. These factors will be reflected in the "market place" and will be indicated by the asking and/or

the selling price of similar units in arm's length transactions. Consideration should be given as to where the property is located, thereby ascertaining which freight and installation costs should be included in the appraisal. Adjustment of sales prices may be required to account for any special conditions, such as forced sales, lease cancellations, value attributed to trade names, goodwill, etc. Market data relating to personal property may be obtained from:

- \* Leasing companies
- \* Commercial bankers
- \* New and used equipment dealers
- \* Trade and sales journals
- \* Newspaper advertisements
- \* Auction sales.

#### (2) The Cost Approach to value involves consideration of:

- (A) The reproduction or replacement cost is the cost of replacing reproducible property with new property of similar utility, or of reproducing the property at its present site and at present price level, less the extent to which the value has been reduced by deterioration and obsolescence.
- (B) The historical or original cost is sometimes used as a starting point to the calculation of value. An appropriate appraisal depreciation rate reflecting economic, physical, and functional obsolescence must be determined and applied, as well as an appropriate trending factor to capture price changes from date of acquisition. (This approach may not apply to all assets. See Section G, Replacement Cost New Less Depreciation Calculation.)
- (C) The appraiser should consider the cost of any asset at the appropriate level of trade-the manufacturing level, the wholesale level, and the retail level- and value the property according to the trade level for which it is Property normally increases in value as it utilized. progresses from the manufacturers' level (the lowest market value) to the retail level of trade (the highest level of trade). At each level a value is added to calculate a selling price which recovers for the current owner all direct costs to manufacture and install and indirect costs of overhead and profit. For example, the trade level concept must be considered when a manufacturer, who is operating at more than one trade level, transfers property to a subsidiary without the normal profit and costs. order to maintain equity and uniformity in assessments of comparable property, the asset should be valued at a cost had the asset been acquired in an arm's length transaction from an outside supplier.

(3) The **Income Approach** to value involves consideration of the amount that investors (in a free market) would be willing to pay for the right to receive the income that the property is expected to yield with the risks attendant upon its receipt.

#### F. Obsolescence

Obsolescence should be considered when appraising any type of property. It may be defined as a reduction in value due to technological changes or innovation, changes in demand for a product, or other causes.

When the loss in value is due to technological change or innovation, it is usually referred to as functional obsolescence. It can be recognized by a lack of utility in the property, the location of the property, or inadequate capacity in use. Functional obsolescence can sometimes be overcome by remodeling or reconditioning.

When the loss in value is due to change in product, demand, or location, it is customarily referred to as economic obsolescence. This type of obsolescence is brought about by external factors and cannot be overcome.

Obsolescence of personal property is not too difficult to recognize, but it is difficult to accurately measure. Adequate market data to measure obsolescence cannot always be found for all types of personal property.

The appraiser should look to the market for any evidence of a change in value when formulating an estimate of the market value using the cost approach. The appraiser should always consider what an informed purchaser would be willing to pay for the property as an installed operating unit when employed at its highest and best use. When valuing individual pieces of personal property using replacement cost new less depreciation, the residual percent good may be adjusted, if, in the appraiser's judgement, it is necessary to account for obsolescence.

#### G. Replacement Cost New Less Depreciation Calculation

The costs provided by the taxpayer to the property appraiser are generally accounting (historical or original) costs. These costs are adjusted to replacement cost new (RCN) by the use of equipment index factors. The equipment index factors include adjustments to base year prices and reflect the direction of cost movements. These equipment index factors are listed by year and reflect the national average of industrial, commercial, and manufacturing business costs.

The equipment index factors are compiled by the Department annually and are based on cost indexes as published by Marshall Valuation Service and Summary Data from the Producer Price Index News Release, as issued by the U.S. Department of Labor, Bureau of Labor Statistics. Typical industry costs are weighted with general business activity and status of the economy to derive cost indexes. These cost indexes are used by the Department to compile the Equipment Index Factors Table (Equipment Index Factors Table, Department of Revenue, 1997, and as subsequently amended, see Attachment B). See attachment for the factors used in the following example.

The following formula is used by the Department to derive the equipment index factors: [For further discussion, see section 98 from Marshall Valuation Service.]

Equipment Index Factor = Present Cost Index
Former Cost Index

Steps in determining replacement cost new (RCN) are as follows:

- 1. Estimate the appropriate cost basis from the taxpayer's books, records or returns filed with the property appraiser. If these records do not indicate a cost basis that is representative of market value then further research is necessary. The cost basis used in this analysis must be representative of market value at the time of acquisition. The cost basis should be multiplied by a factor based on the year of acquisition. (See page 36 for further discussion on "cost basis.")
- 2. Select the appropriate factor from the current year's schedule of Equipment Index Factors Table (Equipment Index Factors Table, Department of Revenue, 1997, and as subsequently amended, see Attachment B for 1997 example) based on the acquisition date, and type of business. (Note: The average of all industry index factors may be used.)
- 3. Multiply the cost basis by the equipment index factor.

The resulting calculation is an estimate of replacement cost new.

The following is an example of estimating replacement cost new (RCN) of office equipment purchased in 1990 with a 10-year economic life using the 1997 equipment index factors.

Cost Basis = \$10,000 Acquisition Date = 1990 7/97 Office Equipment Index Factor = 1.11

Cost  $$10,000 \times 1.11$  = \$11,100 (RCN)

Replacement Cost New (RCN) should be adjusted to reflect depreciation and establish Replacement Cost New Less Depreciation (RCNLD). Depreciation is estimated by use of a remaining value or untrended depreciation schedule. Normal depreciation allows for the decline of a property's value over its estimated remaining economic life. The appraiser must consider factors such as time, maintenance, repairs and replacement costs when estimating the appraisal depreciation for an item of personal property. The use of the property has an effect on the remaining economic life (percent good) and the current market value. Depreciation rates are based on an average condition for the age of the item.

The following example demonstrates an application of the Untrended Depreciation Schedule (Untrended Depreciation Schedule, Department of Revenue, 1997, and as subsequently amended, see Attachment C). To use this table, (1) determine the economic life in years of the property, (2) determine the effective age, and (3) use the appropriate untrended depreciation factor.

Replacement Cost New (RCN) = \$11,100 Economic life = 10 years Age of property = 7 years Untrended Depreciation Factor = 39%

The replacement cost new (RCN) multiplied by the untrended depreciation factor provides an estimate of replacement cost new less depreciation (RCNLD) or an estimate of just value.

 $$11,100 \times 39\% = $4,329$  (RCNLD or just value estimate)

#### NOTES:

- 1. Under the concept of mass appraisal, indexing or trending tables are typically applied only over the item's economic life, after which no additional trending is appropriate.
- 2. Trending of historical costs may not be appropriate when assets' costs are decreasing due to emerging technologies.
- 3. Under the concept of mass appraisal, depreciation is typically applied only over the item's economic life.

#### H. Salvage/Scrap Value

The appraiser will occasionally encounter property which is worn out or no longer used but still in the possession of a business. Although this property may or may not remain on the books and records, it still has value which must be considered when valuing the business's tangible personal property. This value is typically referred to as scrap or salvage value (See definition on page 22) and should be determined on a case by case basis,

considering all the facts and circumstances presented.

#### I. Tangible Personal Property Tax Returns

It is recommended that the property appraiser's office mail a tangible personal property return form (Form DR-405, DOR, r. 7/93, and as subsequently amended, see Attachment F) or an approved substitute to all accounts on file as of January 1 of each year. Although Florida Statutes only require that the forms be made available in the property appraiser's office, this service will enhance voluntary compliance and improve public perception of the Information obtained from the tangible property appraiser. personal property tax returns will be used to assist the appraiser in arriving at the just value of all tangible personal property. The property appraiser may notify any taxpayer not filing a return by April 1 of each year that he has failed to file a tangible personal property tax return as required by section 193.062, F.S. Inspections of businesses for discovery of tangible personal property and on-site verifications shall be made when no tax return has been filed for two consecutive years as set forth in the Florida Administrative Code, Rule 12D-8.005(7).

#### J. Unit Method

The unit method of valuation is an appraising method used to value an entire group of operating properties. A unit may be properly valued by the cost, market, or income approaches, as appropriate. This valuation method includes the value resulting from the combination of assets used in the operation of the business. The use of such a valuation method may result in a value that includes intangible personal property, tangible personal property, and real property. The type of property included in the value resulting from the use of the unit method of valuation depends on the type of business and property to which it is applied. The items of property included in a unit value and the appropriateness of their inclusion for purposes of taxation must be determined by the facts and circumstances involved in specific applications of this method of valuation; non-taxable property should be deducted from the valuation.

#### K. Valuation Procedures for Special Properties

1. Leased Equipment: The economic life for a leasing company's equipment will vary, depending on the type of property being leased. The leasing equipment market includes almost every type of equipment now in existence. When valuing leased equipment, the economic life assigned should be similar to that of equipment purchased for ownership and use by a business.

Exceptions may be made for some types of equipment when it can be clearly documented that a greater than normal loss in value is suffered by the equipment being leased.

Items of inventory held for lease to customers in the ordinary course of business, rather than for sale, shall be deemed inventory only prior to the initial lease of such items. [Section 192.001(11)(c), F.S.]

- 2. **Mobile Home Attachments:** Attachments to mobile homes and recreational vehicle type units that have not been assessed as real property are subject to tax as tangible personal property. Attachments are considered tangible personal property when installed on leased or rented real property. Refer to the Tangible Personal Property Mobile Home Attachment Schedule distributed annually by the Department of Revenue for base rate information. [See Rules 12D-6.001, 12D-6.002, and 12D-6.003, F.A.C.]
- 3. **Furniture and Fixtures:** Furniture and fixtures should be distinguished from other equipment listed on a tax return and valued using the appropriate economic life. All other equipment on the tax return should be valued using the appropriate asset classification type.
- 4. Personal Computers: Personal computers should be distinguished from other equipment; computer equipment is depreciated using an appropriate economic life. Related equipment includes monitors, printers, scanners, drives, cables and other electronic peripherals commonly used as part of a non-production computer system. items should be given an appropriate economic life. Life Expectancy Guidelines, DOR, 1997, and as subsequently amended, Attachment D.)
- 5. Pollution Control Devices: Procedures for assessment of pollution control devices by the property appraisers are contained in Section 193.621, F.S. and Rule 12D-6.005, The Department of Environmental Protection has adopted Chapter 62-8, F.A.C., which provides for the publication of rules for the consideration and guidance to the property appraisers in assisting them in making a determination as to what assessment should be made for ad valorem taxes with respect to pollution control devices. The Return of Pollution Control Devices for Ad Valorem Tax Purposes (Form DR-492, DOR, r. 8/83, and as subsequently amended, see Attachment H) must be timely filed with the property appraiser as set forth in Rule 12D-1.004(1)(b), F.A.C., and qualifying property should be assessed for no greater than its market value as salvage.

#### IX. FIELD INSPECTION PROCEDURES

An on-site inspection may be made of each firm, partnership, co-partnership, association, society, corporation, or any other legal entity which owns, holds, controls, or uses personal property whether or not a personal property return is filed. However, on-site inspection/appraisals shall be made of all property owned, held, or used by taxpayers who have not filed a Form DR-405 for two consecutive years. The appraiser may follow additional provisions found in Rule 12D-8.005(7), F.A.C. A field inspection is separate and distinct from the audit process and should be routinely employed during the discovery process, both initially and during updates. All efforts at on-site inspections should be documented to provide an adequate audit trail. This documentation should include:

- A. Business name and location;
- B. Business telephone number;
- C. Mailing address (if different from the business address);
- D. Person contacted (at the business);
- E. Date the business opened;
- F. Date the equipment was delivered;
- G. Millage Code;
- H. Whether entry is refused and if so by whom;
- I. The business's owner, principal officer, or representative;
- J. Information pertaining to leased personal property such as, the name of the owner, a brief description of the property, and verification as to whether the property is assessed to the owner. Leased property should be assessed appropriately;
- K. Appropriate listing and description of personal property with the date of acquisition and cost, if known;
- L. Economic life by item or class of property;
- M. Effective age of the property;
- N. Square footage or area occupied by the personal property;
- O. The business type and the appropriate business class code;
- P. The quality and condition of property;

- Q. An estimate of the just value of the property;
- R. The name of appraiser or reviewer;
- S. The date of appraisal or inspection;
- T. A uniform parcel number where applicable; and
- U. Other comments relative to value conclusions.

For accuracy, the appraiser should compare the property discovered with information reported by the owner.

The appraiser may examine or audit business accounting and financial records as set forth in Section 195.027(3), F.S., and Rule 12D-1.005, F.A.C. Refer to other reliable sources for the conduct of audits.

When a tangible personal property return has not been filed, the appraiser should do the following:

- a. Tour the facility to list all personal property located on site and obtain information necessary to complete the sample property worksheet (Attachment E).
- b. Determine if there is any leased property located at the business. If so, obtain the name of the owner, a brief description of the property, terms, monthly lease payments, cost of equipment, and assess appropriately.
- c. Determine the cost, age and estimated economic life of the personal property. Record other relevant information and note the source.
- d. Record adequate information allowing a reasonable estimate of value to be placed on the personal property when the information is from other than the field inspection. Use appropriate pricing guides, returns from similar businesses, or other sources to develop a value for the property.

#### X. GENERAL INFORMATION

- A. The Department of Revenue will supply tangible personal property returns and TRIM notice forms on request. Each county may have their own tangible personal property returns printed, but any deviations from the Department's standard form must be approved in advance. [Section 195.022, F.S.]
- B. The sample property worksheet (Attachment E) was developed to assist in the valuation process. The worksheet contains

- a blank space for account numbers. Account numbers will provide an additional means of identifying ownership of personal property.
- C. The Property Tax Administration Program of the Department of Revenue will provide an update to this manual as necessary. Replacement sheets will be furnished for any changes to written material, Equipment Index Factors Table, Untrended Depreciation Schedule and Life Expectancy Guidelines, as subsequently amended.
- D. The value adjustment board is bound by the same standards as the county property appraiser in determining values and granting exemptions; the Department may review the proceedings and findings of each value adjustment board as part of its in-depth study of the property appraiser's assessment roll. [Section 195.096, F.S.]
- E. These guidelines are to be used in the appraisal of personal property and are not all inclusive. The Department recommends the use of publications and services such as the Marshall & Swift Appraisal Service, Hunnicutt Personal Property Appraisal Guide, and Dataquest Green Guide for specific pieces of equipment not listed in these guidelines. Any other reputable guides or sources of information that assist in determining the market value of personal property may be considered in addition to these guidelines.

#### XI. ATTACHMENTS AND OCCURRENCES OF USE IN TEXT

- A. **REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES** (DOR, 1997, and as subsequently amended), pages 50 through 56
- B. **EQUIPMENT INDEX FACTORS TABLE**, (DOR, 1997, and as subsequently amended), pages 6, 35, 42, 48, and 57
- C. UNTRENDED DEPRECIATION SCHEDULE (DOR, 1997, and as subsequently amended), pages 6, 35, 43, 48, and 58
- D. **LIFE EXPECTANCY GUIDELINES** (DOR, 1997, and as subsequently amended), pages 6, 36, 45, 48, 59, and 60
- E. SAMPLE PROPERTY WORKSHEET, pages 6, 33, 47, and 61
- F. TANGIBLE PERSONAL PROPERTY TAX RETURN (Form DR-405 r. 7/93, and as subsequently amended), pages 5, 6, 31, 32, 34, 44, 62, and 63
- G. RULE 12D-8.009, F.A.C., ADDITIONAL REQUIREMENTS FOR PREPARATION OF TANGIBLE PERSONAL PROPERTY ASSESSMENT ROLL [Personal Property Class Codes] (r. 9/30/82, and as subsequently amended), pages 6, 34, and 64
- H. RETURN OF POLLUTION CONTROL DEVICES FOR AD VALOREM Tax PURPOSES (Form 492 r. 8/83, and as subsequently amended), pages 6, 29, 45, and 65

## REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

The use of any questionable unit of machinery, equipment or structure will help determine its classification as real or personal property. If the unit is directly used in a manufacturing process or is a function or extension of such equipment, it is to be considered personal property. If the unit is a land or building improvement, it is to be considered as real estate. Special facts and circumstances may create exceptions to classifications as recommended. The following guidelines may be of assistance when classifying property:

Air Conditioning, - window units and package units - Personal Property

Air Conditioning, - special purpose to maintain controlled temperature and humidity - Personal Property

Aluminum pot lines - Personal Property

Anhydrous ammonia tanks and equipment - Personal Property

Animals (show and performing) - Personal Property

Ash handling system, including pit and superstructure (see boilers) - Personal Property

Asphalt mixing plant and equipment (moveable) - Personal Property

Auto-call and telephone system - Personal Property

Bar and equipment (commercial use) - Personal Property

Billboards (wood, concrete or metal) - Personal Property

Bins, permanently affixed for storage - Real Property

Bins, used in manufacturing processes - Personal Property

Boilers, primarily used for manufacturing - Personal Property

Boilers, permanently affixed and primarily used for the building - Real Property

Booths for welding, painting or other specialty uses - Personal Property

Bowling alley lanes - Personal Property

Bucket elevators, open or enclosed (including casing) - Personal Property

## REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

Buildings - Real Property

#### Examples:

Structural and other improvements to buildings such as: foundations, walls, floors, roofs, insulation, stairways, permanent partitions, loading and unloading platforms, canopies, areaways, central heating and air conditioning systems, ventilation and sanitation fixtures, installed fire protection equipment (not alarms), lighting, plumbing, drinking water equipment, building elevators, and escalators. Note: Building codes require fire protection elements.

Buildings, specially constructed storage, poultry, or livestock processing buildings (excluding machinery or equipment) - Real Property

Bulkheads - creating additional land area - Real Property

Cable Television Systems - Personal Property

Carpeting (when permanently affixed as the floor finish) - Real Property

Cistern - Real Property

Coal-handling system - See boilers

Cold storage building - Real Property

Cold storage refrigeration equipment - Personal Property

Control booth - Personal Property

Conveyor belt housing, structure or tunnels - Personal Property

Conveyor unit, including belt and drives - Personal Property

Cooling towers, primary use for manufacturing - Personal Property

Crane, mobile - Personal Property

Crane runways including supporting columns, structure, and foundation inside or outside of buildings - Personal Property

Crane runways, bolted to or hung on trusses - Personal Property

Decor Packages - (shopping malls) - Personal Property

## REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

Dock levers - Personal Property

Drapes - Personal Property

Drying rooms structure - Real Property

Dust catchers - Personal Property

Electric Power Plants - Personal Property

Fence, security (exterior) - Real Property

Fire alarm system - Personal Property

Fire walls, masonry - Real Property

Floors (raised floors), computer room - Personal Property

Foundations for machinery and equipment - Personal Property

Gas lines for equipment or processing - Personal Property

Gasoline tanks - (see tanks)

Gates, security and parking control - Personal Property

Grain bins, portable - Personal Property

Grain drying equipment - Personal Property

Grain elevators (commercial, industrial), storage, workinghouse, headhouse, milling space - Real Property

Grain elevator machinery and equipment (commercial, industrial) including but not limited to legs (inside or outside), conveyors, spouting, hopper scales, man lifts, aeration systems, grain cleaners, grain dryers, mechanical grain dumping equipment, loading and unloading systems, truck scales, all processing machinery and equipment - Personal Property

Gravel Plant, machinery and equipment - Personal Property

Greenhouses, benches and heating system - Personal Property

Hoist pits - (see pits)

Hydraulic Lines - Personal Property

Irrigation equipment - Personal Property

REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

Kilns, lumber-drying kiln structure - Real Property

Kilns, concrete block-drying kiln structure - Real Property

Kilns, circular down draft (Beehive) - Real Property

Kilns, heating or drying system - Personal Property

Land Improvement - Real property

#### Examples:

Retaining walls, piling and mats for general improvement of site, private roads, walks, paved areas, culverts, bridges, viaducts, subways and tunnels, exterior fencing, reservoirs, dikes, dams, ditches, canals and drainage.

Fixed wharves and docks located on a river, lake or tidewater. Permanently built bridges and trestles.

Walls forming storage yards and fire protection dikes.

Laundry steam generating equipment - Personal Property

Leased equipment - Personal Property

Lighting, yard lighting - Personal Property

Lighting, service stations (except buildings) - Personal Property

Mixers and mixing houses - Personal Property

Mobile home attachments (shed, carport, a/c, etc.) on rental lot--Personal Property

Monorail crane runways - Personal Property

Ore bridge foundation - Real Property

Ovens, processing - Personal Property

Performing Animals - Personal Property

Piping, process piping (above or below ground) - Personal Property

Pits for equipment or processing - Personal Property

Pollution Control Devices - Personal Property

### REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

Pools, swimming (not portable) - Real Property

Portable Partition Walls - Personal Property

Power lines and auxiliary equipment - Personal Property

Pumps and Motors - Personal Property

Pump house (including sub-structure) - Real Property

Racks and shelving (portable or removable) - Personal Property

Railroad siding (except belonging to railroad) - Real Property

Ready-mix concrete batch plant and equipment - Personal Property

Refrigeration equipment (see air conditioning) - Personal Property

Rental Equipment - Personal Property

Sanitary sewer system - Personal Property

Sanitary system, buildings - Real Property

Satellite dishes (commercial use) - Personal Property

Scale houses - Real Property

Septic system (priced with land) - Real Property

Scales, truck or railroad (including pit) - Personal Property

Scales, dormant - Personal Property

Security monitoring systems - Personal Property

Sewage Treatment Plants - Personal Property

Sheds or buildings, portable or on skids - Personal Property

Signs - Personal Property

Silos (metal) - Personal Property

Spare parts - Personal Property

Spray pond piping and equipment - Primary Use Classification

Sprinkler system (building) - Real Property

## REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

Stacks, mounted on boilers (see boilers)

Stacks, supported individually and servicing heating boilers - Real Property

Stacks, servicing personal property units or a process -Personal Property

Steam electric generating plant and equipment - Personal Property

Stone crushing plant - equipment - Personal Property

Storage bins, portable - Personal Property

Storage facilities, permanent of masonry or wood - Real Property

Storage vaults, including bank vaults (poured in place) - Real Property

Storage vaults, modular - Personal Property

Storage vault doors, including bank vault doors - Personal Property

Substation building - Real Property

Substation equipment - Personal Property

Supplies - Personal Property

Tanks, bulk storage (large capacity water & fuels) above or below ground - Personal Property

Tanks, welded steel pressure tanks, (propane, butane or natural gas storage) - Personal Property

Tanks, used as part of a manufacturing process - Personal Property

Tanks, fuel tanks at service station - Personal Property

Towers, TV or radio broadcasting - Personal Property

Trade Fixtures - Personal Property

Transformers - Personal Property

Travel trailer attachments (shed, carport, a/c, etc.) on rental lot - Personal Property

Tunnels - Real Property

### REAL AND PERSONAL PROPERTY CLASSIFICATION GUIDELINES Florida Department of Revenue 1997, and as subsequently amended.

Tunnels, waste heat or processing - Personal Property

Unit heaters, non-portable - Real Property

Unit heaters, portable - Personal Property

Unloaded runway - Real Property

Ventilating system for building - Real Property

Ventilating system for manufacturing equipment - Personal Property

Video tapes for rent - Personal Property

Walls, portable partitions - Personal Property

Waste water systems - Personal Property

Walk-in coolers or freezers - Personal Property

Water lines, for processes above or below ground - Personal Property

Water pumping station, building and structure - Real Property

Water pumps and motors - Personal Property

Water treating and softening plant building and structure - Real Property

Water treatments systems - Personal Property

Well pumps, motors and equipment - Personal Property

Well casings - Real Property

Wiring, power wiring - Personal Property

EQUIPMENT INDEX FACTORS 2020
(NATIONAL AVERAGE)
FLORIDA DEPARTMENT OF REVENUE
This table is intended to assist the property appraiser in the assessment of tangible personal property and is not a rule or all inclusive in nature.

INDUSTRY	7/19	7/18	7/17	7/16	7/15	7/14	7/13	7/12	7/11	7/10	7/09	7/08	7/07	7/06	7/05	7/04	7/03	7/02	7/01	7/00	7/99	7/97	7/95	7/93	7/91	7/89	7/87
Average of all	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.11	1.14	1.19	1.18	1.21	1.25	1.33	1.38	1.49	1.55	1.57	1.59	1.59	1.63	1.64	1.68	1.79	1.86	1.94	2.14
Airplane mfg.	1.00	1.03	1.07	1.10	1.08	1.08	1.09	1.09	1.12	1.17	1.16	1.18	1.22	1.29	1.35	1.47	1.53	1.56	1.57	1.57	1.61	1.62	1.65	1.76	1.82	1.87	2.07
Apartment	1.00	1.03	1.07	1.09	1.09	1.10	1.12	1.14	1.16	1.20	1.21	1.23	1.26	1.31	1.36	1.44	1.48	1.50	1.52	1.52	1.56	1.58	1.61	1.71	1.82	1.89	2.08
Bakery	1.00	1.03	1.07	1.10	1.09	1.09	1.12	1.12	1.15	1.19	1.19	1.21	1.26	1.35	1.41	1.51	1.58	1.61	1.62	1.63	1.67	1.69	1.73	1.87	1.94	2.02	2.24
Bank	1.00	1.03	1.06	1.09	1.09	1.09	1.11	1.12	1.14	1.18	1.18	1.20	1.24	1.29	1.33	1.42	1.47	1.49	1.51	1.51	1.54	1.55	1.58	1.67	1.76	1.81	1.99
Bottling Brewery and distillery Candy Cannery (fish) Cannery (fruit)	1.00 1.00 1.00 1.00 1.00	1.04 1.04 1.03 1.03 1.03	1.08 1.08 1.07 1.07 1.07	1.10 1.09 1.10 1.10 1.10	1.09 1.09 1.09 1.10 1.09	1.08 1.09 1.09 1.09 1.09	1.11 1.11 1.12 1.12 1.12	1.11 1.12 1.12 1.12 1.13	1.14 1.15 1.16 1.16 1.16	1.18 1.18 1.20 1.20 1.20	1.18 1.18 1.20 1.19 1.20	1.20 1.21 1.22 1.22 1.22	1.24 1.25 1.26 1.26 1.26	1.32 1.33 1.36 1.36 1.35	1.38 1.39 1.41 1.41 1.40	1.50 1.51 1.52 1.52 1.50	1.57 1.57 1.59 1.59 1.57	1.60 1.60 1.62 1.62 1.59	1.61 1.63 1.63 1.63	1.61 1.62 1.64 1.64 1.62	1.65 1.66 1.68 1.68 1.66	1.66 1.68 1.70 1.70 1.67	1.70 1.73 1.74 1.74 1.72	1.82 1.84 1.88 1.88 1.84	1.88 1.90 1.95 1.96 1.94	1.95 1.98 2.04 2.04 2.02	2.18 2.21 2.27 2.27 2.25
Cement mfg. Chemical Church Clay products *Communication Contractor's equip.	1.00	1.04	1.08	1.10	1.09	1.09	1.11	1.12	1.16	1.19	1.18	1.23	1.28	1.35	1.41	1.54	1.61	1.64	1.65	1.66	1.70	1.72	1.76	1.87	1.92	2.00	2.19
	1.00	1.04	1.08	1.09	1.08	1.08	1.10	1.10	1.13	1.16	1.15	1.18	1.23	1.31	1.36	1.49	1.55	1.58	1.59	1.60	1.63	1.65	1.70	1.80	1.84	1.92	2.13
	1.00	1.03	1.07	1.10	1.09	1.10	1.13	1.15	1.18	1.21	1.22	1.24	1.27	1.31	1.35	1.44	1.49	1.51	1.53	1.54	1.57	1.59	1.64	1.73	1.88	1.95	2.14
	1.00	1.04	1.08	1.10	1.10	1.10	1.12	1.13	1.16	1.20	1.20	1.25	1.30	1.37	1.43	1.55	1.61	1.64	1.66	1.67	1.70	1.72	1.77	1.88	1.94	2.02	2.23
	1.00	1.04	1.06	1.07	1.07	1.08	1.08	1.09	1.10	1.10	1.10	1.11	1.13	1.14	1.14	1.13	1.11	1.09	1.07	1.05	1.03	1.02	1.04	1.07	1.08	1.11	1.13
	1.00	1.04	1.06	1.08	1.08	1.08	1.10	1.12	1.16	1.19	1.20	1.23	1.26	1.30	1.36	1.46	1.51	1.53	1.54	1.55	1.58	1.60	1.66	1.74	1.84	1.93	2.10
Creamery and dairy	1.00	1.03	1.08	1.10	1.09	1.09	1.12	1.12	1.15	1.19	1.20	1.21	1.26	1.35	1.41	1.52	1.58	1.61	1.63	1.63	1.68	1.69	1.74	1.87	1.93	2.02	2.26
Dwelling	1.00	1.03	1.06	1.09	1.09	1.09	1.11	1.13	1.16	1.19	1.20	1.22	1.25	1.30	1.35	1.43	1.46	1.48	1.50	1.50	1.54	1.57	1.60	1.70	1.79	1.86	2.05
Elec. equip. mfg.	1.00	1.03	1.07	1.11	1.08	1.07	1.08	1.07	1.09	1.15	1.15	1.15	1.21	1.30	1.36	1.49	1.57	1.59	1.60	1.59	1.63	1.63	1.65	1.78	1.81	1.85	2.09
Elec. power equip.	1.00	1.03	1.07	1.11	1.08	1.06	1.07	1.05	1.07	1.13	1.14	1.13	1.19	1.29	1.37	1.51	1.59	1.62	1.61	1.61	1.65	1.64	1.66	1.79	1.81	1.82	2.09
*Farm and grove	1.00	1.03	1.05	1.06	1.07	1.08	1.10	1.11	1.14	1.17	1.18	1.23	1.29	1.32	1.36	1.43	1.48	1.50	1.52	1.55	1.56	1.60	1.66	1.78	1.89	2.02	2.16
Flour, cereal and feed	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.11	1.14	1.19	1.18	1.21	1.25	1.34	1.40	1.51	1.58	1.61	1.62	1.63	1.67	1.69	1.73	1.85	1.91	1.98	2.20
Garage	1.00	1.03	1.06	1.09	1.08	1.07	1.09	1.10	1.12	1.16	1.16	1.19	1.23	1.29	1.34	1.44	1.49	1.51	1.53	1.53	1.56	1.57	1.61	1.71	1.78	1.85	2.04
Glass mfg.	1.00	1.04	1.08	1.10	1.09	1.09	1.11	1.11	1.14	1.18	1.18	1.21	1.26	1.34	1.40	1.53	1.60	1.63	1.64	1.65	1.69	1.70	1.74	1.86	1.91	1.97	2.20
Hospital	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.12	1.15	1.19	1.19	1.22	1.26	1.34	1.39	1.49	1.54	1.57	1.58	1.59	1.63	1.64	1.68	1.80	1.87	1.95	2.17
Hotel	1.00	1.03	1.07	1.09	1.09	1.10	1.12	1.14	1.16	1.20	1.21	1.23	1.26	1.33	1.38	1.46	1.51	1.53	1.55	1.56	1.59	1.62	1.67	1.78	1.87	1.96	2.16
Laundry and cleaning	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.12	1.15	1.19	1.18	1.22	1.26	1.33	1.38	1.50	1.56	1.59	1.60	1.61	1.64	1.66	1.70	1.81	1.88	1.95	2.16
Library	1.00	1.03	1.07	1.11	1.10	1.09	1.12	1.12	1.15	1.19	1.19	1.21	1.25	1.32	1.36	1.48	1.54	1.57	1.58	1.58	1.62	1.63	1.67	1.78	1.86	1.92	2.13
Logging equip.	1.00	1.03	1.06	1.09	1.08	1.08	1.09	1.10	1.13	1.17	1.16	1.19	1.23	1.28	1.34	1.44	1.50	1.52	1.54	1.54	1.57	1.59	1.63	1.72	1.80	1.88	2.05
Metalworking	1.00	1.04	1.07	1.10	1.09	1.08	1.10	1.10	1.13	1.17	1.15	1.19	1.23	1.31	1.35	1.47	1.52	1.55	1.55	1.55	1.58	1.59	1.63	1.75	1.79	1.87	2.06
Mining and milling	1.00	1.05	1.08	1.11	1.10	1.11	1.13	1.14	1.19	1.24	1.24	1.29	1.34	1.40	1.46	1.59	1.66	1.69	1.72	1.72	1.76	1.78	1.83	1.93	2.03	2.12	2.32
Motion picture	1.00	1.03	1.07	1.10	1.09	1.08	1.10	1.11	1.14	1.18	1.19	1.20	1.24	1.31	1.36	1.47	1.53	1.55	1.57	1.56	1.60	1.60	1.64	1.74	1.83	1.89	2.11
Office equipment	1.00	1.03	1.06	1.08	1.08	1.08	1.11	1.10	1.13	1.16	1.17	1.19	1.22	1.28	1.32	1.41	1.44	1.46	1.47	1.48	1.51	1.52	1.55	1.64	1.69	1.75	1.91
Packing (fruit)	1.00	1.03	1.07	1.10	1.10	1.10	1.13	1.15	1.18	1.21	1.22	1.24	1.28	1.34	1.39	1.49	1.55	1.57	1.59	1.59	1.63	1.65	1.70	1.80	1.93	2.01	2.22
Packing (meat)	1.00	1.03	1.07	1.10	1.09	1.10	1.12	1.13	1.16	1.20	1.20	1.23	1.28	1.37	1.42	1.52	1.58	1.61	1.63	1.63	1.67	1.69	1.74	1.87	1.94	2.04	2.25
Paint mfg.	1.00	1.04	1.08	1.10	1.09	1.09	1.11	1.11	1.14	1.19	1.18	1.21	1.26	1.34	1.39	1.52	1.58	1.62	1.63	1.64	1.68	1.69	1.74	1.85	1.91	1.98	2.21
Paper mfg.	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.12	1.15	1.19	1.19	1.22	1.26	1.33	1.38	1.50	1.57	1.60	1.62	1.62	1.65	1.67	1.72	1.82	1.91	1.98	2.19
Petroleum	1.00	1.04	1.07	1.09	1.07	1.07	1.09	1.09	1.13	1.16	1.15	1.18	1.24	1.32	1.39	1.52	1.58	1.61	1.63	1.64	1.67	1.70	1.75	1.86	1.90	1.98	2.19
Printing	1.00	1.03	1.06	1.09	1.08	1.07	1.08	1.08	1.11	1.15	1.14	1.16	1.19	1.27	1.31	1.41	1.45	1.48	1.48	1.49	1.52	1.51	1.55	1.65	1.70	1.74	1.93
Refrigeration	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.12	1.15	1.19	1.19	1.22	1.27	1.35	1.40	1.53	1.59	1.62	1.64	1.64	1.68	1.70	1.75	1.86	1.93	2.01	2.23
Restaurant	1.00	1.03	1.07	1.09	1.09	1.10	1.13	1.14	1.17	1.20	1.21	1.23	1.27	1.35	1.39	1.48	1.53	1.56	1.57	1.58	1.62	1.64	1.69	1.81	1.90	2.00	2.20
Rubber	1.00	1.04	1.07	1.10	1.09	1.08	1.10	1.10	1.13	1.17	1.16	1.19	1.23	1.30	1.34	1.45	1.51	1.54	1.55	1.55	1.58	1.60	1.65	1.75	1.81	1.89	2.08
School	1.00	1.03	1.07	1.10	1.09	1.09	1.12	1.13	1.16	1.20	1.20	1.23	1.26	1.33	1.38	1.48	1.53	1.55	1.56	1.57	1.61	1.62	1.67	1.78	1.86	1.94	2.14
Shipbuilding	1.00	1.04	1.07	1.10	1.08	1.08	1.10	1.10	1.14	1.18	1.16	1.20	1.25	1.31	1.37	1.50	1.57	1.60	1.61	1.61	1.64	1.66	1.71	1.81	1.87	1.94	2.14
Steam power	1.00	1.04	1.08	1.10	1.09	1.08	1.10	1.09	1.12	1.17	1.17	1.20	1.25	1.34	1.39	1.53	1.59	1.63	1.64	1.64	1.67	1.68	1.72	1.83	1.87	1.93	2.16
Store	1.00	1.03	1.07	1.10	1.09	1.09	1.12	1.13	1.16	1.19	1.20	1.22	1.25	1.31	1.36	1.46	1.51	1.53	1.55	1.55	1.59	1.59	1.63	1.73	1.84	1.90	2.09
Textile	1.00	1.03	1.06	1.08	1.07	1.06	1.08	1.09	1.11	1.15	1.13	1.16	1.20	1.26	1.29	1.39	1.44	1.46	1.47	1.47	1.50	1.51	1.55	1.63	1.70	1.77	1.95
Theater	1.00	1.03	1.07	1.10	1.09	1.09	1.11	1.12	1.14	1.18	1.19	1.21	1.25	1.32	1.36	1.47	1.52	1.54	1.55	1.56	1.59	1.60	1.64	1.74	1.82	1.89	2.08
Warehousing	1.00	1.03	1.06	1.09	1.09	1.09	1.11	1.12	1.15	1.19	1.19	1.22	1.26	1.31	1.35	1.45	1.51	1.52	1.53	1.54	1.57	1.57	1.61	1.69	1.79	1.85	2.00
Woodworking	1.00	1.02	1.08	1.12	1.12	1.13	1.16	1.18	1.21	1.25	1.24	1.27	1.30	1.36	1.40	1.50	1.56	1.58	1.60	1.59	1.62	1.63	1.68	1.77	1.90	1.96	2.17

Factors are compiled by the Florida Dept. of Revenue, Property Tax Oversight Program.

Source: Marshall Valuation Service - Section 98 Page 7-9, "Quarterly Cost Indexes", 'Equipment - National Average', January 2020

\* Source: Producer Price Index, Dept. of Labor, Bureau of Labor Statistics. Shaded area indicates no information available for prior year.

### UNTRENDED DEPRECIATION SCHEDULE

(FOR USE ON REPLACEMENT COST NEW)

Effective																				Effective
Age in																				Age in
Years	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	25	30	Years
1	83%	85%	87%	89%	90%	91%	92%	93%	94%	94%	95%	95%	96%	96%	96%	97%	97%	98%	98%	1
2	65%	69%	73%	76%	79%	82%	84%	86%	87%	88%	89%	90%	91%	91%	92%	93%	93%	95%	97%	2
3	43%	52%	57%	62%	67%	72%	76%	78%	80%	82%	84%	85%	86%	87%	88%	89%	90%	93%	95%	3
4	24%	34%	41%	48%	54%	61%	67%	70%	73%	75%	77%	79%	81%	82%	83%	85%	86%	90%	93%	4
5	18%	23%	30%	37%	43%	51%	58%	62%	66%	69%	71%	73%	75%	77%	79%	81%	82%	87%	91%	5
6		18%	23%	28%	33%	41%	49%	54%	58%	62%	65%	68%	71%	73%	75%	77%	78%	84%	89%	6
7			19%	23%	26%	33%	39%	45%	50%	54%	58%	62%	65%	68%	70%	72%	74%	81%	86%	7
8				20%	22%	26%	30%	37%	43%	47%	51%	55%	58%	62%	65%	68%	70%	78%	84%	8
9					20%	22%	24%	30%	36%	41%	45%	49%	53%	57%	60%	63%	65%	75%	82%	9
10						20%	21%	25%	29%	34%	39%	43%	47%	51%	54%	57%	60%	71%	79%	10
11							20%	22%	24%	29%	33%	37%	42%	46%	49%	52%	55%	68%	76%	11
12								20%	22%	25%	28%	31%	36%	40%	44%	47%	50%	64%	74%	12
13									20%	22%	24%	26%	31%	35%	39%	42%	45%	60%	71%	13
14										20%	22%	23%	27%	31%	34%	37%	40%	56%	68%	14
15											20%	21%	24%	28%	31%	33%	35%	52%	65%	15
16												20%	22%	25%	27%	29%	31%	48%	61%	16
17													20%	21%	23%	25%	27%	44%	58%	17
18														20%	22%	23%	24%	39%	54%	18
19															20%	21%	22%	34%	51%	19
20																20%	21%	30%	47%	20
22																	20%	26%	40%	22
24																		23%	34%	24
26																		21%	28%	26
28																			23%	28
30																			21%	30
32																			20%	32

These percentages should be applied to historical cost after it has been factored upward (trended) to the current year's Replacement Cost New (RCN). Trending of historical cost may not be appropriate when assets' replacement costs are decreasing due to emerging technologies. See section VIII.G., for discussion.

Factors indicate the remaining percentage of economic life.

This table is based on equipment in average condition.

If the county property appraiser determines that the application of another comparable table, designed specifically for ad valorem tax purposes more accurately reflects the just value of the personal property within the county they may utilize such table, on a county-wide basis, in lieu of the table above.

Source: 1997 Florida Department of Revenue, Property Tax Administration (Based on Marshall Valuation Service, Depreciation-Fixtures & Equipment", Normal Depreciation, Sec. 97, p. 18, January 1996)

# Florida Department of Revenue LIFE EXPECTANCY GUIDELINES

The asset life recommendations have been derived from various sources: Marshall Valuation Service, Florida Public Service Commission, and industry depreciation studies. As relevant information becomes available, the Department will update the tables.

INDUSTRY GROUP	ASSET LIFE IN YEARS	INDUSTRY GROUP	ASSET LIFE IN YEARS
Aerospace industry			
Agriculture, machinery and equipment.		transmission	39-41
cotton ginning		distribution	29-33
Aircraft and all helicopters		Electronic equipment manufacturing	6
except commercial aircraft	6	Fabricated metal products	
commercial aircraft	12	special tools	3
Amusement and theme parks	10	Fishing equipment, excluding boats and ba	arges 4
Apparel and fabricated textile manufactor	uring 9	Food and beverage production	12
Automobile repair shops	10	special handling devices	4
Bakeries and confectionery production	12	Fur processing	9
Barber and beauty shops	10	Gas distribution, total distribution equipm	nent35-40
Billboards	20	Optional - for equipment by category:	
Brewery equipment	12	mains and services, plastic	36-40
Cable television, headend facilities	11	mains and services, steel	37-44
microwave systems	9.5	meters, regulators, installations	25-30
program origination	9	other distribution equipment	30-35
service and test	8.5	Glass and glass products	14
subscriber connection and distribution	n 10	special tools	2.5
Canneries and frozen food production	12	Grain and grain mill products manufacture	e 17
Cement manufacture	20	Gypsum products	
Chemical and allied production		Hand tools	5
Clay products manufacturing	15	Hospital furnishings and equipment	10
Clocks and watches, manufacturing	10	Hotel and motel furnishings and equipme	nt 10
electronic instrumentation	6	Jewelry products and pens	12
Cold storage and ice-making equipment		Knitwear and knit products	7.5
Cold storage warehouse equipment		Laundry equipment	10
Computers, 'personal computers' ('PC')		Leather and leather products	
mainframe	6	Logging, timber cutting	
Peripherals		Machinery manufacturing, except. as other	
Condiments, manufacturing and process	=	Meatpacking	
Construction equipment, general constr	uction6	Medical and dental supply production	
marine construction		Metalworking machinery manufacturing	
Dairy products manufacturing		Mining and quarrying	
Data handling equipment, except comp		Motion picture and television production.	
Distilling		Motor vehicle and parts manufacturing	
Electrical equipment manufacturing		special tools	
Electric companies, steam production		Office furniture and equipment	
other production, combined cycle		Optical lenses and instrument manufactur	
gas tubines		Paints and varnishes	
nuclear production	26-28	Paper and pulp manufacturing	
		converted paper, paperboard and pulp	10

# Florida Department of Revenue LIFE EXPECTANCY GUIDELINES

The asset life recommendations have been derived from various sources: Marshall Valuation Service, Florida Public Service Commission, and industry depreciation studies. As relevant information becomes available, the Department will update the tables.

INDUSTRY GROUP	ASSET LIFE IN YEARS	INDUSTRY GROUP	ASSET LIFE IN YEARS
		circuit, analog	8
Petroleum and natural gas, drilling, o	nshore 6		
drilling, offshore		circuit, optic	8
exploration and production		other central office equipment	
marketing		information/origination equipment	
petroleum refining		smart phones	
pipeline transportation		metallic cable	
Plastics manufacturing		fiber cable	
Plastic products manufacturing		poles	
special tools		conduit	
Primary metals production, nonferrou		Telecommunications, interstate interexch	
products		analog switching	· ·
special tools		digital switching	
Primary steel mill products		metallic cable	
Printing and publishing		fiber cable	
Professional and scientific instrument		poles	
Radio and television, broadcasting		conduit	
manufacturing		all other equipment	
Railroad transportation equipment ma		Telecommunications, cellular	
locomotive manufacturing		analog switching	8
Recreation and amusement		digital switching	
Retail trades, fixtures and equipment		radio frequency channel and control	
Residential furniture		power equipment	
Restaurant and bar equipment		antennae	
Restaurant equipment, fast foods		towers	
Rubber products manufacturing		transmission equipment	
special tools		cellular phones	
Sawmills, permanent		Textile products, including finishing and	
portable		manufacture of nonwoven fabrics	
Service establishments		manufacture of yarn, thread and wove	
Ship and boat building machinery and		manufacture of textured yarns	
special tools		Theater equipment	
Soft drink manufacture and bottling		Tobacco and tobacco products	
Steam production and distribution		Vegetable oil products	
Stone products manufacturing		Waste reduction and resource recovery	
Sugar and sugar products manufacturi		Water transportation	
Telecommunications, local exchange	=	vessels, barges and tugs	
analog switching		Water utilities	
digital switching		Wharves, docks and piers	
circuit, digital		Wholesale trade fixtures and equipment.	

# Florida Department of Revenue LIFE EXPECTANCY GUIDELINES

The asset life recommendations have been derived from various sources: Marshall Valuation Service, Florida Public Service Commission, and industry depreciation studies. As relevant information becomes available, the Department will update the tables.

	ASSET LIFE		ASSET LIFE
INDUSTRY GROUP	IN YEARS	INDUSTRY GROUP	IN YEARS
Wood products and furniture ma	nufacturing10		

insert sample property worksheet

				TA	NGIBLE P	ER	SONAL PRO	PERT	Y TAX RETURN
					CC	NF	IDENTIAL		DR-405, R. 01/18 Rule 12D-16.002, F.A.C. Eff. 01/18
					Return to pro	per	ty appraiser by	April 1	to avoid penalty.
							Coun	ty Tax	vear
	r your account number, name, and address bel count number	ow. Mail this form to you	ur County Property Appraise	er.	Business nam	e (DI			d mailing address:
	me and address				240000	· (= .	-/ ·	, io, a	ag address.
					Federal		oloyer Number	$\neg$ - $\sqcap$	
					identilic	alioi			
	If name and address is incorrect, j	olease make need	ded corrections.				IV	IAICS _	
1. C	Owner or person in charge	P	hone	6. Ty	pe or nature of	your	business		
В	usiness/corporate name			Tr	ade levels (che	ck a	ll that apply)	Retail	Wholesale
	Physical location			□ I	Manufacturing		Professional [	Service	e Agricultural
	(no PO Boxes)			<b>□</b> ι	easing/rental		Other, specify: _		
3. D	o you file a TPP tax return under any o	ther name?	Yes No	7. Di	d you file a TPF	retu	ırn in this county la	ast year?	Yes No
Na	ame on most recent return or tax bill			II	ame and ecation				
4. D	ate you began business in this county								
	•	last year, does this ions through Dec 31			ormer owner of b	busin	ess	Det	
	ersonal Property Summary Sche				sold, to whom? payer's Estim	ato	Original Insta		For Property
	ached itemized list or depreciation schedu				air Market Va		Cost		appraiser Use Only
10	Office furniture, office machines, and libra	ary	•					8	
11	EDP equipment, computers, and word pr	ocessors						$\hat{\chi}$	
12	Store, bar and lounge, and restaurant fu	rniture, equipment, et	C.					X	
13	Machinery and manufacturing equipment							8	
	Farm, grove, and dairy equipment								
	Professional, medical, dental, and labora	tory equipment						X	
	Hotel, motel, and apartment complex Rental units (stove, refrigerator, furniture	drange and applian	200/						
	Mobile home attachments (carport, utility		· ·					2	
	Service station and bulk plant equipment							X	
	Signs (billboard, pole, wall, portable, dire	, ,	,,					8	
20	Leasehold improvements - grouped by ty	pe, year of installation	n, and description					2	
21	Pollution control equipment							×	
22	Equipment owned by you but rented, lea	sed or held by others						X	
	Supplies not held for resale							8	
	Renewable energy source devices							×	
25	Other, specify:							X	
Ldo	Lare I have read this tax return and the accomp		SONAL PROPERTY	oro tr	up. If propared by		10 40 50 60 000		
som	eone other than the taxpayer, the preparer sign						\$25,000	Less	
	has knowledge of.	1				12	Widowed	Exemption	$\longleftrightarrow$
	nature payer	Print name	Title		Date	X	Blind Total dipobility	Taxabl	e
	nature	. michanio	1100		5410		Total disability	Value	
_	parer	Print name	Preparer ID		Date		Other, specify	Donali	
Add	Iress					X	<u> </u>	Penalti	55
<u>.                                    </u>			Phone						
sign	and date your return, send the original	to the county property	/ appraiser's office by <b>Ap</b>	rii 1. I	Jnsigned		Signature, o	denuty	Date

**Sign** and **date** your return, send the **original** to the county property appraiser's office by **April 1**. Unsigned returns **cannot** be accepted by the appraiser's office. If you are entitled to a widow's, widower's, or disability exemption on personal property (not already claimed on real estate), consult your appraiser.

Report all property owned by you including fully depreciated items still in use.

ASSETS F	PHYSICALLY REMOVED DUR	ING T	HE L	AST YE	AR										
	Description	Age	Y		xpayer's E		Original In: Cost		Di	sposed, s	sold, or	traded	and to	who	m?
LEASED,	LOANED, OR RENTED EQUIF	PMENT	Γ	Complete	if you ho	old equip	oment bel	ongin	g to d	others.					ase hase
Name a	nd Address of Owner or Lessor			Descript	ion		Year Acquired		ar of	Monthle Rent		inal Inst Cost	alled	Op	tion
							7 toquirou	Widita	laotare	, ron				res	
		ļ								<u> </u>					
SCHEDUI	LE FOR LINE 22, PAGE 1	Equip	ment	owned b	y you bu		l, leased,	or he	ld by			otal on p		riain	ol.
Lease Number	Name/address of lessee Actual physical location	Г	Descri	iption	Age	Year Acquired	Monthl Rent		erm	Taxpay Estimate ( Market \	of Fair	Cond*	Insta	rigin Iled New	Cost
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#### **INSTRUCTIONS**

Complete this form if you own property used for commercial purposes that is not included in the assessed value of your business' real property. This may include office furniture, computers, tools, supplies, machines, and leasehold improvements. Return this to your property appraiser's office by April 1. Keep a copy for your records.

Report your summary totals on page 1. Use page 2 or an attached, itemized list with original cost and date acquired for each item to provide the details for each category. Contact your local property appraiser if you have questions.

If you ask, the property appraiser will give you an extension for 30 days and may grant an additional 15 days. You must ask for the extension in time for the property appraiser to consider the request and act on it before April 1.

Each return is eligible for an exemption up to \$25,000. By filing a DR-405 on time you automatically apply for the exemption. If you do not file on time, Florida Law provides for the loss of the \$25,000 exemption.

#### WHAT TO REPORT

#### Include on your return:

- Tangible Personal Property. Goods, chattels, and other articles of value (except certain vehicles) that can be manually possessed and whose chief value is intrinsic to the article itself.
- 2. Inventory held for lease. *Examples:* equipment, furniture, or fixtures after their first lease or rental.
- 3. Equipment on some vehicles. *Examples*: power cranes, air compressors, and other equipment used primarily as a tool rather than a hauling vehicle.
- 4. Property personally owned, but used in the business.
- 5. Fully depreciated items, whether written off or not. Report at original installed cost.

#### Do not include:

- 1. Intangible Personal Property. *Examples*: money, all evidences of debt owed to the taxpayer, all evidence of ownership in a corporation.
- 2. Household Goods. *Examples*: wearing apparel, appliances, furniture, and other items ordinarily found in the home and used for the comfort of the owner and his family, and not used for commercial purposes.
- 3. Most automobiles, trucks, and other licensed vehicles. See 3 above.
- 4. Inventory that is for sale as part of your business. Items commonly referred to as goods, wares, and merchandise that are held for sale. Also, inventory is construction and agricultural equipment weighing 1,000 pounds or more that is returned to a dealership under a rent-to-purchase option and held for sale to customers in the ordinary course of business. See section 192.001(11)(c), Florida Statutes.

#### LOCATION OF PERSONAL PROPERTY

Report all property located in this county on January 1. You must file a single return for each site in the county where you transact business. If you have freestanding property at multiple sites other than where you transact business, file a separate, but single, return for all such property located in the county.

Examples of freestanding property at multiple sites include vending and amusement machines, LP/ propane tanks, utility and cable company property, billboards, leased equipment, and similar property not customarily located in the offices, stores, or plants of the owner, but is placed throughout the county.

#### **PENALTIES**

**Failure to file** - 25% of the total tax levied against the property for each year that no return is filed

**Filing late** - 5% of the total tax levied against the property covered by that return for each year, each month, and part of a month, that a return is late, but not more than 25% of the total tax

**Unlisted property** -15% of the tax attributable to the omitted property

#### **RELATED FLORIDA TAX LAWS**

§192.042, F.S. - Assessment date: Jan 1

§193.052, F.S. - Filing requirement

§193.062, F.S. - Filing date: April 1

§193.063, F.S. - Extensions for filing

§193.072, F.S. - Penalties

§193.074, F.S. - Confidentiality

§195.027(4), F.S.- Return Requirements

§196.183, F.S. - \$25,000 Exemption

§ 837.06, F.S. - False Official Statements

#### **LINE INSTRUCTIONS**

Within each section, group your assets by year of acquisition. List each item of property separately except for "classes" of personal property. A class is a group of items substantially similar in function, use, and age.

#### **Line 14 - Farm, Grove, and Dairy Equipment**

List all types of agricultural equipment you owned on January 1. Describe property by type, manufacturer, model number, and year acquired. Examples: bulldozers, draglines, mowers, balers, tractors, all types of dairy equipment, pumps, irrigation pipe - show feet of main line and sprinklers, hand and power sprayers, heaters, discs, fertilizer distributors.

#### Line 16 and 16a - Hotel, Motel, Apartment and Rental Units (Household Goods)

List all household goods. Examples: furniture, appliances, and equipment used in rental or other commercial property. Both residents and nonresidents must report if a house, condo, apartment, etc. is rented at any time during the year.

#### **Line 17 - Mobile Home Attachments**

For each type of mobile home attachment (awnings, carports, patio roofs, trailer covers, screened porches or rooms, cabanas, open porches, utility rooms, etc.), enter the number of items you owned on January 1, the year of purchase, the size (length X width), and the original installed cost.

#### Line 20 - Leasehold Improvements, Physical Modifications to Leased Property

If you have made any improvements, including modifications and additions, to property that you leased, list the original cost of the improvements. Group them by type and year of installation. Examples: slat walls, carpeting, paneling, shelving, cabinets. Attach an itemized list or depreciation schedule of the individual improvements.

### Line 22 - Owned by you but rented to another

Enter any equipment you own that is on a loan, rental, or lease basis to others.

#### Line 23 - Supplies

Enter the average cost of supplies that are on hand. Include expensed supplies, such as stationery and janitorial supplies, linens, and silverware, which you may not have recorded separately on your books.

Include items you carry in your inventory account but do not meet the definition of "inventory" subject to exemption.

#### **Line 24 - Renewable Energy Source Devices**

List all renewable energy source devices as defined in section 193.624, Florida Statutes. Section 196.182, F.S., provides an exemption to renewable energy source devices considered tangible personal property. The exemption is granted based on a percentage of value, when the devices are installed, and what type of property the devices are installed on.

#### **COLUMN INSTRUCTIONS**

List all items of furniture, fixtures, all machinery, equipment, supplies, and certain types of equipment attached to mobile homes. For each item, you must report your estimate of the current fair market value and condition of the item (good, average, poor). Enter all expensed items at original installed cost. Do not use "various" or "same as last year" in any of the columns. These are not adequate responses and may subject you to penalties for failure to file.

#### **Taxpayer's Estimate of Fair Market Value**

You must report the taxpayer's estimate of fair market value of the property in the columns labeled "Taxpayer's Estimate of Fair Market Value." The amount reported is your estimate of the current fair market value of the property.

#### **Original Installed Cost**

Report 100% of the original total cost of the property in the columns labeled "Original Installed Cost." This cost includes sales tax, transportation, handling, and installation charges, if incurred. Enter only unadjusted figures in "Original Installed Cost" columns.

The original cost must include the total original installed cost of your equipment, before any allowance for depreciation. Include sales tax, freight- in, handling, and installation costs. If you deducted a trade-in from the invoice price, enter the invoice price. Add back investment credits taken for federal income tax if you deducted those from the original cost. Include all fully depreciated items at original cost, whether written off or not.

#### **Assets Physically Removed**

If you physically removed assets last year, complete the columns in the first section of page 2. If you sold, traded, or gave property to another business or person, include the name in the last column.

#### Leased, Loaned, and Rented Equipment

If you borrowed, rented, or leased equipment from others, enter the name and address of the owner or lessor in the second section of page 2. Include a description of the equipment, year you acquired it, year of manufacture (if known), the monthly rent, the amount it would have originally cost had you bought it new, and indicate if you have an option to buy the equipment at the end of the term.

#### 12D-8.009 Additional Requirements for Preparation of Tangible Personal Property Assessment Roll.

- (1) The appraiser shall include on the roll a code reference to the tax return showing the property, and need not give a description of such property on the roll. The account number may be adopted as the code to indicate the reference to the return, provided the property appraiser places the account number on the return.
  - (2) Classification of property by class type.
- (a) The property appraiser shall classify tangible personal property to convey the actual current use of the property and indicate the same on the assessment roll. Where property has more than one use, it shall be classified under the category which represents its primary and predominant use. It is the primary and predominant use that will govern the classification. Possessory interests shall be classified according to the use of the property by the possessor.
- (b) The classification shall be based upon six primary groupings of the major use type categories, with sub-classifications of the primary groupings of the major use type categories. The primary groupings of major uses are:
  - 1. Retail.
  - 2. Wholesale.
  - 3. Manufacturing.
  - 4. Leasing/Rental.
  - 5. Services.
  - 6. Special.
- (c) The following is a detailed explanation of the minimum use type classifications for tangible personal property and a numeric code designation for each. The classifications are based on classification codes as set forth in the Standard Industrial Classification Manual, 1987, as published by the Office of Management and Budget, Executive Office of the President, and, as such, the code numbers may be out of sequence. It is recommended the user refer to the Standard Industrial Classification Manual, 1987, for detailed description of property use. This listing is intended to facilitate the determination of classification, particularly in special and questionable kinds of property and is not intended to list every possible use which might occur in the state. Upon request, the Department of Revenue will inform the appraiser of the classification under which specific property uses not listed below should be placed.

RETAIL	Department Store
General Merchandise	
5311	
5331	Discount Merchandise Store (K-Mart, etc.)
5932	Used Merchandise, Antiques, Pawn Shops
5932	Army, Navy Surplus
5961	Mail Order
7389	Stamp Redemption
5399	Miscellaneous General Merchandise
Apparel & Accessories	
5651	Clothing
5661	Shoes
5699	Miscellaneous Apparel & Accessories
5944	Jewelry Stores, Watches Furniture, Fixtures, Home Furnishings
5712	Household Furniture
5021	Office Furniture
5713	Floor Covering
5714	Drapery, Upholstery
5722	Appliances
5731	Radio, Television
5734	Computers
5735	Music Records, Tapes
5736	Music Instruments
5046	Partitions, Shelving, Office and Store Fixtures

#### Other Merchandise

5731 Electronics

5943 Office supply, stationery
5942 Books, Magazines
5994 Newsstands
5992 Florist

5993 Tobacco, Cigars, Cigarettes

5949 Fabric

5949 Needlework, Knitting

5941 Sporting Goods, Gun Shops, Fisherman's Supply, Bait and Tackle

5945 Arts and Crafts, Hobby, Ceramics 5946 Photographic Supplies, Cameras

7384 Film Processing 3861 Microfilm

5947 Gift and Novelty Shop

5945 Toys

5999 Miscellaneous Other Merchandise

#### **Health Care/Cosmetics**

5912 Drug Store/Pharmacy

5995 Optical Goods

5999 Hearing Aids, Orthopedic Appliances

Medical and Dental Equipment and Supplies

5087 Cosmetics, Beauty and Barber Equipment and Supplies

5999 Miscellaneous Health Care/Cosmetics

#### **Food Products**

5411 Supermarket 5411 Grocery

5421 Specialty market (Meat, Fish)

5451 Dairy

5431 Fruit, Vegetable5411 Convenience Market

5461 Bakery

5921 Package Store-Liquor and Beer
 5813 Bar, Night Club, Lounge
 5812 Restaurant Cafeteria
 5812 Fast Food Ice Cream

5499 Miscellaneous Food Store (Health Food)

5441 Candy

#### **Building Materials - Hardware**

#### **Garden Supply**

5211 Lumber and Other Building Materials 5074 Plumbing, Heating, and Water Conditioning

5075 Air Conditioning

5063 Electrical, Lighting Equipment

5231 Paint, Glass
5211 Tile
5251 Hardware
5261 Nursery
0782 Landscaping

Farm and Garden Supply

5211 Pool and Patio – Utility Buildings 5211 Miscellaneous Building Materials

**Machinery and Equipment** 

5083 Farm, Grove and Garden Machinery and Equipment

5084 Industrial Machinery and Equipment

5082 Construction and Mining Machinery and Equipment

5999 Miscellaneous Machinery and Equipment

**Electrical and Electronic Machinery and Equipment** 

5999 Office/Business Machinery and Equipment

5734 Data Processing – Computers

5999 Copying Machines

5731 Miscellaneous Electrical and Electronic Machinery and Equipment

**Transportation** 

5511 Automobiles and Trucks (New) 5521 Automobiles and Trucks (Used) 5531 Auto Parts, Junk Yards, Tires

5271 Mobile Homes
5551 Ships, Boats
5551 Marine Supplies
5599 Aircraft and Parts

5571 Motorcycles and Bicycles and Parts

5561 Miscellaneous Transportation Equipment – Motor Homes, R. V.'s, Bus, Taxi Miscellaneous Retail

5999 Miscellaneous Retail

WHOLESALE

**General Merchandise** 

5099 General Merchandise

**Apparel and Accessories** 

5136 Clothing (Men, Boys)

5137 Clothing (Women, Children, Infants)

5139 Shoes

5137 Miscellaneous Apparel and Accessories – Handbags

5094 Jewelry, Watches

Furniture, Fixtures, Home

**Furnishings** 

5021 Household Furniture 5021 Office Furniture

Floor Coverings, Drapery, Upholstery

5064 Appliances 5064 Radio, TV, Music

Partitions, Shelving, Office and Store Fixtures

Other Merchandise

5064 Electronics

5111 Printing and Writing Paper 5112 Office Supply and Stationery

5113 Paper Products 5192 Books, Magazines

5193 Florist

5194 Tobacco, Cigars, Cigarettes 5131 Fabric/Textiles 5131 Needlework, Knitting, Yarn, Thread **Sporting Goods** 5091 5092 Arts and Crafts, Hobby, Ceramic Supplies Photographic Supplies, Cameras, Film Processing, Microfilm 5043 5092 **Toys** 5099 Miscellaneous Other Merchandise **Health Care/Cosmetics** 5122 Drugs-Pharmaceutical 5047 Hearing, Orthopedic 5048 Optical 5047 Medical & Dental Equipment & Supplies Cosmetics, Barber and Beauty Equipment and Supplies 5087 Miscellaneous Health Care/Cosmetics 5122 **Food Products** Farm Products (grain, citrus, etc.) 5153 Farm Products (livestock) 5154 Grocery 5141 5144 Specialty (Poultry) Specialty (Fish and Seafood) 5146 5147 Specialty (Meat) 5148 Fresh Fruits & Vegetables 5149 Bakery 5181 Beer 5182 Wine, Liquor 5149 Beverages 5149 Miscellaneous Food **Building Materials - Hardware Garden Supply** 5031 Lumber and Other Building Materials 5074 Plumbing, Water Conditioning 5075 Heating and Air Conditioning Electrical, Lighting 5063 5039 Glass, Tile 5198 Paint 5072 Hardware Nursery and Landscaping 5193 5191 Farm and Garden - Feed, Seed, Fertilizer 5091 Pool and Patio – Utility Buildings 5039 Miscellaneous Building Materials **Machinery** 5083 Farm, Grove and Garden Machinery and Equipment Industrial Machinery and Equipment 5084

Construction and Mining Machinery and Equipment 5082

5083 Miscellaneous Machinery and Equipment

**Electrical and Electronic Machinery and Equipment** 

5044 Office/Business Machines and Equipment 5045 Data Processing – Computers

5044 Copying Machines

5065 Miscellaneous Electrical Machinery, Equipment and Supplies

**Transportation** 

5012 Automobiles and Trucks

Auto Parts 5013 5014 Tires 5015 Junk Yards 5039 Mobile Homes 5088 Ships, (non-pleasure) Boats (pleasure) 5091 5088 Marine Products 5088 Aircraft and Parts 5092 Bicycles and Parts

5012 Miscellaneous Transportation Equipment – Motor Homes, R. V.'s., Bus, Taxi

Other Wholesale

5160 Chemicals

5050 Metals and Minerals

5170 Petroleum and Petroleum Products – Gasoline

Motorcycles

5199 Miscellaneous Other Wholesale Miscellaneous Wholesale

5199 Miscellaneous Wholesale

**MANUFACTURING** 

**Textiles** 

5012

2200 Fabric and Knitting Mills, Floor Covering

2290 Miscellaneous Textiles

Apparel

2300 Clothing

**Furniture and Fixtures** 

2510 Household Furniture 2520 Office Furniture

2440 Partitions, Shelving, Office and Store Fixtures

**Health Care** 

2830 Drugs

Optical Instruments and Lenses, Glasses and Contact Lenses
Medical and Dental Instruments, Equipment and Supplies

2844 Cosmetics

2834 Miscellaneous Health Care/Cosmetics

**Food Products** 

2010 Meat 2020 Dairy

2030 Canned and Preserved Fruits and Vegetables (Orange juice concentrate)

2040 Grain (Flour, Cereal, Animal Food)

2050 Bakery

2080 Liquor and Beer 2080 Beverages

2090 Miscellaneous Food Preparation

2099 Refining Sugar, etc.

**Lumber and Wood Products,** 

**Paper** 

2411 Logging

2421 Sawmills, Planing Mills

2490 Miscellaneous Wood Products

2610 Pulp

2620 Paper Mills

2621 Paper Products (Stationery, Tissues, Bags, Paper Plates, etc.)

2650 Paperboard Containers and Boxes

2670 Miscellaneous Paper Products (Insulation, Tar Paper)

#### Stone, Clay, Glass and Concrete

#### **Products**

3200 Glass and Glass Products 3240 Concrete, Gypsum, Lime

3241 Cement 3251 Brick, Clay 3253 Ceramic, Tile

3261 Miscellaneous Products – (Plumbing fixtures)

3264 Porcelain, Electrical Supply

Metals

3300 Metal Industries – Foundries, Smelting, Refining

3390 Metal Products

3399 Miscellaneous Metals

Chemicals

2819 Chemicals
2813 Industrial Gas
2821 Plastics
2822 Synthetics

2840 Cleaning Preparations

2890 Miscellaneous Chemical Products – Paint and Varnish, etc.

Petroleum

2910 Petroleum Refining – Gasoline

2950 Paving and Roofing Materials – Asphalt
 2990 Miscellaneous Petroleum Products

**Rubber and Plastic Products** 

3011 Tires and Inner Tubes 3021 Rubber Products 3080 Misc. Plastic Products

Leather

Tanning and Finishing 3131 Boots and Shoes

3190 Miscellaneous Leather Goods

3161 Luggage

**Machinery and Equipment** 

3510 Engines and Turbines

Farm, Grove and Garden Machinery and Equipment

3560 Industrial Machinery and Equipment

3530 Construction and Mining Machinery and Equipment

3590 Miscellaneous Machinery and Equipment

#### **Electrical and Electronic**

**Machinery and Equipment** 

3578 Office/Business Machinery and Equipment

3571 Data Processing – Computers

3579 Copying Machines

3640 Electric Lighting and Wiring

3630 Appliances

3660 Communication Equipment

Radio & TV Communications Equipment 3670 Electronic Components and Accessories

3690 Miscellaneous Electrical Machinery, Equipment and Supplies

**Transportation** 

3710 Automobiles and Trucks
3714 Auto Parts and Accessories

2451 Mobile Homes

3731 Ships 3732 Boat

3429 Marine Supplies 3720 Aircraft and Parts

3751 Motorcycles, Bicycles and Parts

3790 Miscellaneous Transportation Equipment – R. V.'s, Bus, Taxi

3716 Motor Homes

**Other Manufacturing** 

2131 Tobacco2121 Cigars2111 Cigarettes

3861 Photographic Equipment and Supplies

3800 Scientific Instruments 3873 Watches, Clocks, and Parts

3911 Jewelry 3914 Silverware

3931 Musical Instruments

3951 Pens

3952 Pencils, Office and Artist Supplies

3949 Sporting Goods

3944 Toys

3990 Miscellaneous Other Manufacturing

**Miscellaneous Manufacturing** 

3999 Miscellaneous Manufacturing

LEASING/RENTAL

**General Merchandise** 

7359 General Merchandise – Rent All Apparel and Accessories

7299 Miscellaneous Apparel and Accessories

Furniture, Fixtures, Home

**Furnishings** 

7359 Household Furniture
7359 Office Furniture
7359 Appliances
7359 Radio, TV, Music

7394 Partitions, Shelving, Office and Store Fixtures

Other Merchandise

7359 Electronics
7999 Sporting Goods
7359 Cameras, Microfilm

7999 Miscellaneous Other Merchandise

**Health Care** 

7352 Hearing/Optical/Orthopedic

7352 Medical and Dental

7352 Miscellaneous Health Care

**Building Materials** 

7353 Heating, Air Conditioning, Water Conditioning

7353 Electrical, Lighting (Signs)
 7359 Pool and Patio – Utility Buildings
 7359 Miscellaneous Building Material

**Lumber and Wood Products,** 

**Paper** 

7359 Sawmills, Planing Mills

Metals

7359 Miscellaneous Metals (Tank Rental)

**Machinery and Equipment** 

7353 Engines and Turbines

7353 Farm, Grove and Garden Machinery and Equipment

7353 Industrial Machinery and Equipment

7353 Construction and Mining Machinery and Equipment

7353 Miscellaneous Machinery and Equipment

**Electrical and Electronic Machinery and Equipment** 

7359 Office/Business Machinery and Equipment

7377 Data Processing – Computers

7359 Copying Machines

7359 Electric Lighting and Wiring (Searchlights, Construction Lighting)

7359 Miscellaneous Electrical Machinery and Equipment

**Transportation** 

7514 Automobiles 7513 Trucks 7519 Mobile Homes

7519 Mobile Home 4499 Ships, Boats 7359 Aircraft

7999 Motorcycles, Bicycles

7519 Miscellaneous Transportation Equipment

Other Leasing/Rental

7359 Laundry and Dry Cleaning Equipment
 7352 Medical and Dental Equipment
 7359 Beauty and Barber Shop Equipment

7389 Communication Equipment – Telephone Answering

7359 Sanitary Services – Portable Toilets

Miscellaneous Leasing/Rental

7359 Miscellaneous Leasing/Rental

**SERVICES** 

#### **Personal Services**

7210 Laundry, Cleaning and Garment Services
 7215 Coin-Operated Laundries and Dry Cleaning

7231 Beauty Shops 7241 Barber Shops

7261 Funeral Service, Crematoriums, Cemeteries 7299 Miscellaneous Personal Services – Shoe Shine

**Business Services** 

7310 Advertising
7323 Credit Bureaus
7322 Collection Agencies
7338 Secretarial Services

7331 Mailing
7334 Photocopying
7335 Commercial Art

7336 Commercial Photography 7349 Cleaning and Maintenance

7342 Disinfecting and Pest Control Services 7380 Miscellaneous Business Services

7389 Personnel Supply, Telephone Answering

#### Repair - Other Than

#### Automotive

7631 Watch, Clock, Jewelry

7629 Electrical

7641 Re-Upholstery – Furniture
 7690 Machinery and Equipment Repair

7620 Appliance Repair
7690 Miscellaneous Repair

#### **Health Services**

8011 Physicians
8021 Dentists
8041 Chiropractors
8042 Optometrists

8049 Other Health Care Practitioners

8060 Hospitals

Skilled Nursing and Intermediate Care Facilities

Nursing Homes except skilled and intermediate care facilities, Domiciliary

#### Care with Health Care

8082 Home Health Care Services
8070 Medical and Dental Labs
8090 Other Health Services
8093 Rehabilitation Centers

8099 Blood Banks

**Legal Services** 

8111 Attorneys, Law Libraries 8111 Other Legal Services

**Financial Service** 

Banks, Savings & Loan, Credit Unions, and other Depository Institutions, etc.

6100 Credit Agencies, Personal Credit, Business Credit, Mortgage Bankers, Loan Brokers and Other Non-

**Depository Institutions** 

6200 Security and Commodity Brokers, Dealers, Exchanges and Services – Stocks and Bonds

**Insurance and Real Estate** 

Insurance Companies, Insurance Brokers

6300 Insurance Carriers (Companies)

Insurance Agents, Brokers, and Services

6500 Real Estate Agents, Realtors, Title Abstract Offices, Developers

**Miscellaneous Professional** 

**Services** 

8710 Engineering, Architectural, and Surveying Services 8720 Accounting, Auditing, and Bookkeeping Services

8750 Other Professional Services

**Educational Services** 

8200 Educational Institutions per Section 196.012(4), F.S. – Exempt

8240 Other Schools and Educational Services – Beauty and Barber, Charm, Driving Schools

**Social Services** 

8300 Job Training, Vocational Rehabilitation, Child Day Care, Residential Care

**Amusement and Recreation** 

7800 Motion Picture Production and Distribution, Theaters

7933 Bowling Alleys, Billiards and Pool

7940 Commercial Sports, Professional Sports, Clubs, Race Tracks

7990 Tourist Attractions, Amusement Parks

8412 Museums and Art Galleries

7990 Miscellaneous Amusement and Recreation Services, Golf Courses, Country Clubs, Yacht Clubs

**Membership Organizations** 

8600 Business, Professional, Labor Unions, Civic, Social and Fraternal, Political

8661 Religious Organizations

**Public Administration** 

9100 General Government, Courts, Police, Fire, Safety, National Security, Public Library

4311 U.S. Postal Service

Communication

4810 Telephone and Telegraph

4830 Radio and Television Broadcasting

2700 Printing and Publishing – Newspapers, Books, Magazines; Typesetting, Photoengraving, etc.

4841 Cable and Other Pay Television Services

4899 Other Communication Services

**Electric, Gas and Sanitary** 

**Services** 

4911 Electric Power

4920 Gas – Production and Distribution, Pipelines

4941 Water Supply

4950 Sanitary Services (Sewerage, Refuse, Mosquito Control) 4939 Alternate Energy Devices – Solar, Wind, Geothermal

**Automotive Repair and** 

Services

7530 Automotive Repair – Garages
 7532 Top & Body Repair and Paint Shops

5541 Service Stations – Gasoline

7540 Automotive Services – Parking, Car Wash

**Passenger Transportation** 

4100 Bus Line, Taxi, Ambulance, School Bus, Terminals

**Trucking and Warehousing** 

4210 Trucking – Local and Long Distance

4220 Public Warehousing

4231 Other Trucking and Warehousing

Water and Air Transportation

4400 Water Transportation and Support Services – Docks, Yacht Basins

4500 Airlines

4580 Airports and Terminals

**Railroads and Private Car Line** 

**Companies** 

4011 Railroads – Operating Property (Centrally Assessed)

4741 Private Car Line Companies

**Transportation Services** 

4720 Travel Arrangement – Travel Agencies

4780 Miscellaneous Transportation Services – Inspection and Weighing, Crating and Packing, Toll Road

and Bridge Operation

**Miscellaneous Services** 

8999 Miscellaneous Service

**SPECIAL** 

Agricultural Production -

Crops

0100 Grain and Field Crops – Soybeans, Tobacco, Peanuts, etc.

0161 Vegetables, Melons

0174 Citrus 0173 Nuts

0180 Specialties – Mushrooms, Bulbs, Sod Farms

0190 General Farms – Primarily Crop

Agricultural Production -

Livestock

0210 Beef, Hogs, Sheep and Goat

0240 Dairy

0250 Poultry and Egg

0272 Horses

0291 General Farms – Primarily Livestock

**Agricultural Services** 

O711 Soil Preparation and Crop Service

0740 Veterinary Service

0750 Other Animal Services – Breeding, Boarding, Training

0760 Farm Labor and Management Services 0780 Landscaping and Agricultural Services

0782 Lawn and Garden Services

**Forestry** 

0811 Timber Tracts 0851 Forestry Service

Fishing, Hunting, Trapping

0910 Commercial Fishing

0921 Fish Hatcheries, Game Preserves

0971 Other Fishing, Hunting, Trapping

Oil and Gas Extraction

1311 Crude Petroleum and Natural Gas

1321 Liquid Natural Gas

1380 Oil and Gas Field Services

Mining and Quarrying

1420 Crushed and Broken Stone (Lime Rock, Limestone)

1440 Sand and Gravel

1470 Chemical and Fertilizer Mining (Phosphate Rock) Construction

1500 General Building Contractors1611 Highway and Street Construction

1620 Heavy Construction

**Special Trade Contractors** 

1711 Plumbing, Heating and Air Conditioning

Painting and Paper Hanging

1731 Electrical Work

1750 Carpentering and Flooring 1761 Roofing and Sheet Metal Work

1771 Concrete Work 1781 Water Well Drilling

1790 Miscellaneous Special Trade Contractors

Accommodation

6514 Single Family – Rental Property

6514 Duplex 6514 Triplex

6514 Condominiums

Apartment – 10 or Fewer Units
Apartment – More Than 10 Units

7011 Hotel, Motel

Rooming and Boarding Houses

7033 Camps, Tourist Courts 6512 Building Rental

Building on Leased Land
 Floating Structures – Residential

8811 Household Goods – Non-Florida Residents

Mobile Homes

8811 Mobile Home Attachments

**Miscellaneous Special** 

9999 Miscellaneous Special

(3)(a) Effective January 1, 2002, the property appraiser shall classify tangible personal property on the assessment roll according to the classification system set out in the 1997 North American Industry Classification System-United States Manual (NAICS), and any subsequent amendments thereto, as published by the Office of Management and Budget, Executive Office of the President, hereby incorporated by reference in this rule. The NAICS classification system will replace the 1987 Standard Industrial Classification (SIC) codes currently described within this rule. Effective January 1, 2002, the Department of Revenue will not accept assessment rolls which classify personal property using either the class code system defined in Rule 12D-8.009, F.A.C., as amended on September 30, 1982, or with SIC codes currently identified in this rule. Information on how to obtain any documents described within this rule may be obtained from the Property Tax Oversight Program, Florida Department of Revenue, (850)717-6570.

(b) The NAICS classification system, a 5-digit and/or 6-digit classification system, is to be used in Field Number 6 of the STANDARD N.A.P. File described in paragraph 12D-8.013(6)(c), F.A.C. Conversion from existing classification systems may be

completed prior to the conversion deadline. Assessment rolls submitted prior to full conversion to the NAICS system may contain classification systems which use any of the three aforementioned classification systems. Upon submission of the first assessment roll containing other than the class code classification system, the Department must be notified in writing of the conversion methods used on the assessment roll. Field Number 5 should be completed with an alphabetic character indicating the coding system used for the assessment roll. If reporting by original class codes in Field Number 6, enter code "C" in Field Number 5. If reporting the SIC codes in Field Number 6, enter code "S" in Field Number 5. If reporting the NAICS code in Field Number 6, enter code "N" in Field Number 5.

(c) To facilitate Florida-specific property tax administrative needs, the Department of Revenue recommends the following special code numbers, not currently contained within the NAICS system:

special code numbers, not currently contained within the range system.	
CATEGORY	CODE NUMBER
CITRUS	
Citrus Brokers	11137
MOBILE HOME	
Mobile Home Owners	81418
Mobile Home Attachments	81419
RESTAURANTS	
Franchise Ltd. Svc. Restaurants-Bar-B-Que	722214
Franchise Ltd. Svc. Restaurants-Hamburger	722215
Franchise Ltd. Svc. Restaurants-Pizza	722216
Franchise Ltd. Svc. Restaurants-Chicken/Fish	722217
Franchise Ltd. Svc. Restaurants-Mexican	722218
Franchise Ltd. Svc. Restaurants-All Others	722219
GROCERY	
Supermarkets and Other Grocery except Convenience Stores (state or regional chain)	44511
Other Supermarkets and Grocery (locally owned)	445113
RAILROAD	
Line-Haul Railroads	482111
Short Line Railroads	482112
Support Activities for Rail Transportation	48821
Railroads (Non-operating Property)	482119

Rulemaking Authority 195.027(1), 213.06(1) FS. Law Implemented 193.052, 193.114, 195.073 FS. History—New 12-7-76, Amended 9-30-82, Formerly 12D-8.09, Amended 12-30-97, 1-31-99.



RETURN OF POLLUTION CONTROL DEVICES FOR AD VALOREM TAX PURPOSES

DR-492 R. 11/12 Rule 12D-16.002 Florida Administrative Code Effective 11/12

Section 193.621, Florida Statutes and Rule 12D-1.004(1)(b), F.A.C.

File this form with your county property appraiser by **April 1.** Keep a copy for your records.

Taxpayer	County		
Address	Phone		
	Fax		
This return is for the assessment of the pollution control	devices below.	(Fields will expand, as r	needed.)
Description of property:			
Description of facility:			
I will furnish any reasonable information the property ap	opraiser may request fo	or this return.	
Signature, taxpayer	Print na	ame	Date

A property appraiser may ask the Department of Environmental Protection to make a recommendation about whether a taxpayer is entitled, in whole or in part, to an assessment limit under Section 193.621, F.S. You will be notified if a recommendation is requested. You may wish to familiarize yourself with the requirements of that statute before making an application with your county property appraiser.