March 13, 2018

Dear Interested Party:

Enclosed is the Discussion Paper on proposed amendments to Regulation 1525.4, *Manufacturing and Research & Development Equipment*. Staff would like to invite you to discuss the issue and present any additional suggestions or comments. Accordingly, an interested parties meeting is scheduled as follows:

**April 11, 2018**  
**Room 122 at 10:00 a.m.**  
**450 N Street, Sacramento, CA**

If you would like to participate by teleconference, call 1-888-808-6929 and enter access code 7495412. You are also welcome to submit your comments to me at the address or fax number in this letterhead or via email at Trista.Gonzalez@cdtfa.ca.gov by April 27, 2018. You should submit written comments including proposed language if you have suggestions you would like considered during this process. Copies of the materials you submit may be provided to other interested parties, therefore, ensure your comments do not contain confidential information. Please feel free to publish this information on your website or distribute it to others that may be interested in attending the meeting or presenting their comments.

If you are interested in other Business Taxes Committee topics refer to the CDTFA webpage at [http://www.cdtfa.ca.gov/taxes-and-fees/business-taxes-committee.htm](http://www.cdtfa.ca.gov/taxes-and-fees/business-taxes-committee.htm) for copies of discussion papers and calendars of current and prior issues.

Thank you for your consideration. Staff looks forward to your comments and suggestions. Should you have any questions, please feel free to contact Business Taxes Committee staff member Mr. Robert Prasad at 1-916-445-2710, who will be leading the meeting.

Sincerely,

Trista Gonzalez, Chief  
Tax Policy Bureau  
Business Tax and Fee Division

TGrp  
Enclosures
cc: (all with enclosures)
   Mr. Nicolas Maduros (MIC 104)
   Mr. Tad Egawa (MIC 83)
   Ms. Susanne Buehler (MIC 43)
   Mr. Wayne Mashihara (MIC 47)
   Mr. Todd Gilman (MIC 70)
   Ms. Debra Kallsheek (MIC 62)
   Mr. Kevin Hanks (MIC 49)
   Mr. Mark Durham (MIC 67)
   Mr. Robert Tucker (MIC 82)
   Ms. Christine Castillo (MIC 82)
   Mr. Jeff Vest (MIC 85)
   Mr. Bradley Heller (MIC 82)
   Mr. David Levine (MIC 85)
   Ms. Dana Brown (MIC 85)
   Ms. Casey Tichy (MIC 85)
   Mr. Rick Zellmer (MIC 85)
   Mr. Kevin Smith (MIC 82)
   Ms. Kirsten Stark (MIC 50)
   Ms. Lynn Whitaker (MIC 50)
   Mr. Joe Fitz (MIC 67)
   Mr. Bill Benson (MIC 67)
   Mr. Marc Alviso (MIC 104)
   Mr. Chris Lee (MIC 104)
   Ms. Karina Magana (MIC 47)
   Mr. Bradley Miller (MIC 92)
   Mr. Alfred Buck (MIC 70)
   Mr. Robert Wilke (MIC 50)
   Mr. Robert Prasad (MIC 50)
DISCUSSION PAPER

Revisions to Regulation 1525.4, Manufacturing and Research & Development Equipment

Issue
Whether the California Department of Tax and Fee Administration\(^1\) (CDTFA) should amend Regulation 1525.4 Manufacturing and Research & Development Equipment to clarify the provisions of Revenue and Taxation Code 6377.1 as amended by Assembly Bill 398 (Stats. 2017, ch. 135) (AB 398) and Assembly Bill 131 (Stats. 2017, ch. 252) (AB 131).

Background
In 2014, Revenue and Taxation Code (RTC) section 6377.1 was enacted by Assembly Bill 93 (AB 93) (Stats. 2013, Ch. 69) and amended by Senate Bill 90 (SB 90) (Stats. 2013, Ch. 70). RTC section 6377.1 provided a partial exemption from sales and use tax on certain manufacturing and research and development equipment sales and purchases. The partial exemption applied to qualifying sales and purchases made on or after July 1, 2014, and before July 1, 2022. Regulation 1525.4, Manufacturing and Research & Development Equipment, was effective on September 25, 2014, and interprets the provisions of RTC 6377.1.

Revenue and Taxation Code section 6377.1 exempted the purchaser from the state general fund taxes imposed by RTC sections 6051, 6051.3, 6201, and 6201.3 and the State’s Education Protection Account tax imposed by Section 36, Article XIII of the State Constitution. Accordingly, from July 1, 2014, to December 31, 2016, the partial exemption was 4.1875%. On December 31, 2016, the Education Protection Tax expired and the statewide tax rate was reduced to 7.25%. As a result, the partial exemption was reduced to 3.9375%. Despite the reduction in the partial exemption rate, qualifying sales and purchases were and continue to be subject to a tax rate of 3.3125% plus applicable district taxes.

In order for a transaction to qualify for the partial exemption, a “qualified person” must purchase “qualified tangible personal property” and use that property primarily in a qualifying manner. A “qualified person” is defined in Regulation 1525.4 (b)(8)(A) and includes businesses engaged in:


- Biotechnology Research & Development (R&D) in conducting biotechnology research and experimental development (NAICS code 541711).

\(^1\) Assembly Bill 102 (Stats. 2017, ch. 16) established the California Department of Tax and Fee Administration to perform the various duties, powers, and responsibilities of the State Board of Equalization (Board) relating to the administration of various taxes and fees except for those duties, powers, and responsibilities imposed or conferred upon the Board by the California Constitution. Pursuant to Government Code section 15570.24, whenever any reference to the Board appears in any statute, regulation, or contract, or in any other code, with respect to any of the functions transferred to the CDTFA pursuant to Government Code section 15570.24, it shall be deemed to refer to the CDTFA. For purposes of this paper, statutory references to the Board have been changed to CDTFA.
Revisions to Regulation 1525.4, *Manufacturing and Research & Development Equipment*

- Physical, Engineering, and Life Sciences R&D (NAICS code 541712): Businesses primarily engaged in conducting research and experimental development (except biotechnology research and experimental development) in the physical, engineering, and life sciences,

Pursuant to Regulation 1525.4 (b)(8)(B), “qualified person” does not include an apportioning trade or business that is required to apportion its business income pursuant to subdivision (b) of RTC section 25128 or a trade or business conducted wholly within California that would be required to apportion its business income pursuant to subdivision (b) of RTC section 25128 if it were subject to apportionment pursuant to RTC section 25101. This generally includes apportioning trades or businesses that derive more than 50 percent of their gross business receipts from an agricultural business activity, an extractive business activity, a savings and loan activity, or a banking or financial business activity.

With respect to qualifying property, subdivision (b)(9)(A) of Regulation 1525.4 defines “qualified tangible personal property” as:

- Machinery and equipment, including component parts and devices such as belts, shafts, moving parts, and operating structures.
- Equipment or devices used or required to operate, control, regulate or maintain the machinery, including, but not limited to, computers, data-processing equipment, software, and repair and replacement parts with a useful life of one or more years.
- Tangible personal property used in pollution control that meets or exceeds standards established by California or any local or regional governmental agency within California.
- Special purpose buildings and foundations used as an integral part of the manufacturing, processing, refining, fabricating, or recycling process, or that constitute a research or storage facility used during those processes. (Buildings used solely for warehousing purposes after completion of those processes are not included.)

Pursuant to subdivision (b)(9)(B) of Regulation 1525.4, “qualified tangible personal property” does not include consumables with a useful life of less than one year; furniture, inventory and equipment used in the extraction process, or equipment used to store finished products that have completed the manufacturing, processing, refining, fabricating, or recycling process; and tangible personal property used primarily in administration, general management, or marketing.

Subdivision (b)(13) of Regulation 1525.4 defines useful life and provides that tangible personal property that is treated as having a useful life of one or more years for state income or franchise tax purposes shall be deemed to have a useful life of one or more years for purposes of the regulation. Conversely, it provides that tangible personal property that is treated as having a useful life of less than one year for state income or franchise tax purposes shall be deemed to have a useful life of less than one year.
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Revisions to Regulation 1525.4, Manufacturing and Research & Development Equipment

Subdivision (a) of Regulation 1525.4 explains that qualified tangible property must be used primarily in a qualifying manner. In general, the partial exemption applies to qualified tangible personal property purchased for use by:

1. A qualified person to be used primarily in any stage of the manufacturing, processing, refining, fabricating or recycling of tangible personal property;
2. A qualified person to be used primarily in research and development;
3. A qualified person to be used primarily to maintain, repair, measure, or test any qualified tangible personal property described in (1) or (2) above; or
4. A contractor purchasing that property for use in performance of a construction contract for the qualified person, provided that the qualified person will use the resulting improvement on or to real property as an integral part of the manufacturing, processing, refining, fabricating, or recycling process, or as a research or storage facility for use in connection with those processes.

Subdivision (c) of Regulation 1525.4 provides that, when a purchase satisfies all of the requirements for the partial exemption, the purchaser must provide their vendor with a certificate to document the partial exemption. According to subdivision (d) of Regulation 1525.4, qualified persons are limited to $200 million in qualifying purchases in a calendar year.

AB 398 was chaptered and signed into law on July 25, 2017. AB 131 was chaptered and signed into law on September 16, 2017. Together they amend RTC section 6377.1 to expand the definition of a qualified person, expand the definition of qualified tangible personal property, expand the partial exemption to qualified tangible personal property purchased for use by a qualified person to be used primarily in the generation or production, or storage and distribution of electric power, extend the sunset date for the law, and amend the useful life definition.

Discussion

Due to the amendments to RTC section 6377.1, Regulation 1525.4 should be amended to clarify the amended provisions. Discussed below are the areas staff believes are in need of revision or clarification.

Regulation Title and Extension of the Sunset Date

The current regulation title, Manufacturing and Research & Development Equipment, refers to industries which were qualified to purchase goods subject to the partial tax rate at the time the original law went into effect. With the addition of qualified tangible personal property purchased for use by a qualified person to be used primarily in the generation or production, or storage and distribution of electric power, staff suggests amending the name of the regulation to Manufacturing, Research & Development, and Electric Power Generating and Distributing Equipment.
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Revisions to Regulation 1525.4, Manufacturing and Research & Development Equipment

The sunset date has been extended to June 30, 2030. As such, staff has made revisions in subdivision (a), subdivision (d)(1), and Appendices A and B to reflect the extension of the sunset date.

Definitions

In subdivision (b)(2) of the regulation, staff added the definition of “generation or production” to mean the activity of making, producing, creating, or converting electric power from sources other than a conventional power source, as defined in section 2805 of the Public Utilities Code. Section 2805 defines “conventional power source” as power derived from nuclear energy or the operation of a hydropower facility greater than 30 megawatts or the combustion of fossil fuels, unless cogeneration technology (defined in section 25134 of the Public Resources Code) is employed in the production of such power.

The definition of “storage and distribution” was added in subdivision (b)(14) as storing and distributing through the electric grid, but not the transmission of, electric power to consumers regardless of source.

Qualified Person

The amendments to RTC section 6377.1 expand the definition of a “qualified person” to include, beginning January 1, 2018, persons primarily engaged in the activities described in NAICS code 221111 to 221118, inclusive, and 221122. NAICS codes 221111 to 221118 include establishments engaged in hydroelectric, solar, wind, geothermal, and biomass electric power generation. NAICS code 221122 is comprised of electric power distribution establishments including those primarily engaged in either (1) operating electric power distribution systems (i.e., consisting of lines, poles, meters, and wiring) or (2) operating as electric power brokers or agents that arrange the sale of electricity via power distribution systems operated by others.

Accordingly, staff has revised the definition of a “qualified person” in subdivision (b)(9) (previously (b)(8)) of Regulation 1525.4 by adding paragraph (i) to explain that qualified persons prior to January 1, 2018, include persons primarily engaged in NAICS codes 3111 to 3399, 541711, and 541712. Staff also added paragraph (ii) to explain that qualified persons on or after January 1, 2018 will also include persons primarily engaged in those lines of business described in 221111 to 221118, and 221122. Staff further revised the examples of “primarily engaged” in subdivision (b)(9)(A) to include the expanded definition of qualified person.

In addition, beginning January 1, 2018, RTC section 6377.1 was amended to remove the exclusion from the definition of a “qualified person” for certain persons engaged in an agricultural business activity. RTC section 6377.1 previously excluded an apportioning trade or business that is required to apportion its business income pursuant to subdivision (b) of RTC section 25128, or a trade or business conducted wholly within California that would be required to apportion its business income pursuant to subdivision (b) of RTC section 25128 if it were subject to apportionment pursuant to RTC section 25101.
Paragraph (1) of subdivision (c) of RTC section 25128 refers to an agricultural business activity. Staff has added a new paragraph to subdivision (b)(9)(B) (previously (b)(8)(B)) of Regulation 1525.4 to specifically state that agricultural businesses are not excluded from the definition of a “qualified person” on or after January 1, 2018.

Qualifying Property
In addition, the definition of “qualified tangible personal property” was expanded to include special purpose buildings and foundations used as an integral part of the generation or production or storage and distribution of electric power.

Staff has added subdivisions (a)(4) and (b)(2) and revised subdivision (a)(5) (previously (a)(4)) of 1525.4 to incorporate these changes.

Qualifying Use
RTC section 6377.1 was amended to include qualified tangible personal property purchased for use by a qualified person to be used primarily in the generation or production, or storage and distribution, of electric power. As such, subdivision (a)(5) was revised to explain that generating or producing, or storing and distributing is a qualified use.

In regards to the provisions that allow qualified purchases for use in the construction or reconstruction of a special purpose building or foundation, staff added to subdivision (b)(10)(B) (previously (b)(9)(B)) “On or after January 1, 2018, this also includes special purpose buildings and foundations used as an integral part of the generation or production or storage and distribution of electric power.” Staff also changed subdivision (c)(3)(E) as well as Appendix B to allow contractors performing construction contracts for a qualified person primarily engaged in the generation or production of electric power as described in NAICS Codes 221111 to 221118; the storage and distribution of electric power as described in NAICS Code 221122 to purchase property at the partial tax rate.

Useful Life
The amendments to RTC section 6377.1 amend the definition of useful life and state that tangible personal property that is deducted under Sections 17201 and 17255 or Section 24356 shall be deemed to have a useful life of one or more years. Staff has amended subdivision (b)(15) (previously (b)(13)) to incorporate the change in the definition of useful life.

Exemption Certificates
Regulation 1525.4 includes exemption certificates for use by qualified persons and construction contractors of qualified persons when purchasing qualifying property at the partially exempt tax rate. Accordingly, staff proposes revisions to Regulation 1525.4 (c) and Appendices A and B to incorporate the amendments to RTC section 6377.1 (see exhibit 1).

Other non-substantive changes have been made to the regulation including the use of the word “Department” to replace “Board” and renumbering of certain subdivisions where new paragraphs were added.
Summary
For purposes of discussion, staff has drafted proposed amendments (see Exhibit 1) to Regulation 1525.4 to incorporate the RTC section 6377.1 revisions as amended by AB 398 and AB 131. Staff welcomes any comments, suggestions, and input from interested parties on this issue. Interested parties are invited to participate in the April 11, 2018 interested parties meeting. The deadline for interested parties to provide written responses regarding this discussion paper is April 25, 2018.

Prepared by the Tax Policy Bureau’s Business Tax and Fee Division.

Current as of 3/13/2018
REGULATION 1525.4. MANUFACTURING, AND RESEARCH & DEVELOPMENT, AND ELECTRIC POWER GENERATING AND DISTRIBUTING EQUIPMENT.

Reference: Section 6377.1, Revenue and Taxation Code.

(a) PARTIAL EXEMPTION FOR PROPERTY PURCHASED FOR USE IN MANUFACTURING, AND RESEARCH AND DEVELOPMENT, AND ELECTRIC POWER GENERATING AND DISTRIBUTING. Except as provided in subdivision (d), beginning July 1, 2014, and before July 1, 2032, section 6377.1 of the Revenue and Taxation Code (RTC) provides a partial exemption from sales and use tax for certain sales and purchases, including leases, of tangible personal property as described in this regulation.

For the period beginning July 1, 2014, and ending on December 31, 2016, the partial exemption applies to the taxes imposed by sections 6051 (except the taxes deposited pursuant to section 6051.15), 6051.3, 6201 (except the taxes deposited pursuant to section 6201.15), and 6201.3 of the RTC and Section 36 of Article XIII of the California Constitution (4.1875%). The partial exemption does not apply to the taxes imposed or deposited pursuant to sections 6051.2, 6051.5, 6051.15, 6201.2, 6201.5, or 6201.15 of the RTC, the Bradley-Burns Uniform Local Sales and Use Tax Law, the Transactions and Use Tax Law, or Section 35 of Article XIII of the California Constitution.

For the period beginning January 1, 2017, and ending on June 30, 2022, the partial exemption applies to the taxes imposed by sections 6051 (except the taxes deposited pursuant to section 6051.15), 6051.3, 6201 (except the taxes deposited pursuant to section 6201.15), and 6201.3 of the RTC (3.9375%). The partial exemption does not apply to the taxes imposed or deposited pursuant to sections 6051.2, 6051.5, 6051.15, 6201.2, 6201.5, or 6201.15 of the RTC, the Bradley-Burns Uniform Local Sales and Use Tax Law, the Transactions and Use Tax Law, or Section 35 of Article XIII of the California Constitution.

Subject to the limitation set forth above, this partial exemption from tax applies to the sale of and the storage, use, or other consumption in this state, of the following items:

1. Qualified tangible personal property purchased for use by a qualified person to be used primarily in any stage of the manufacturing, processing, refining, fabricating, or recycling of tangible personal property, beginning at the point any raw materials are received by the qualified person and introduced into the process and ending at the point at which the manufacturing, processing, refining, fabricating, or recycling has altered tangible personal property to its completed form, including packaging, if required.
(2) Qualified tangible personal property purchased for use by a qualified person to be used primarily in research and development.

(3) Qualified tangible personal property purchased for use by a qualified person to be used primarily to maintain, repair, measure, or test any qualified tangible personal property described in subdivision (a) (1) or (2).

(4) Qualified tangible personal property purchased for use by a qualified person to be used primarily in the generation or production, or storage and distribution, of electric power.

(5) Qualified tangible personal property purchased for use by a contractor purchasing that property for use in the performance of a construction contract for the qualified person, provided that the qualified person will use the resulting improvement on or to real property as an integral part of the manufacturing, processing, refining, fabricating, or recycling process, the generation or production, or storage and distribution, of electric power, or as a research or storage facility for use in connection with those processes.

(b) DEFINITIONS. For the purposes of this regulation:

(1) "Fabricating" means to make, build, create, produce, or assemble components or tangible personal property to work in a new or different manner.

(2) “Generation or production” means the activity of making, producing, creating, or converting electric power from sources other than a conventional power source, as defined in section 2805 of the Public Utilities Code. Section 2805 defines conventional power source as power derived from nuclear energy or the operation of a hydropower facility greater than 30 megawatts or the combustion of fossil fuels, unless cogeneration technology, as defined in section 25134 of the Public Resources Code, is employed in the production of such power.

(3) "Manufacturing" means the activity of converting or conditioning tangible personal property by changing the form, composition, quality, or character of the property for ultimate sale at retail or use in the manufacturing of a product to be ultimately sold at retail. Manufacturing includes any improvements to tangible personal property that result in a greater service life or greater functionality than that of the original property. Tangible personal property shall be treated as having a greater service life if such property can be used for a longer period than such property could have been used prior to the conversion or conditioning of such property. Tangible personal property shall be treated as having greater functionality if it has been improved in such a manner that it is more efficient or can be used to perform new or different functions.
"Packaging" means to wrap, seal, box, or put together as a unit, but includes only that packaging necessary to prepare the goods for delivery to and placement in the qualified person's finished goods inventory, or to prepare goods so that they are suitable for delivery to and placement in finished goods inventory, including repackaging of such goods when repackaging is required to meet the needs of a specific customer. Packaging necessary to consolidate the goods prior to shipping or to protect them during transportation to the customer shall not be considered to be "packaging" for purposes of this regulation.

"Pollution control" means any activity that results in the abatement, reduction, or control of water, land, or atmospheric pollution or contamination by removing, altering, disposing, storing, or preventing the creation or emission of pollutants, contaminants, wastes, or heat, but only to the extent that such activity meets or exceeds standards established by this state or by any local or regional governmental agency within this state at the time the qualified tangible personal property is purchased.

"Primarily" means 50 percent or more of the time.

"Process" means the period beginning at the point at which any raw materials are received by the qualified person and introduced into the manufacturing, processing, refining, fabricating, or recycling activity of the qualified person and ending at the point at which the manufacturing, processing, refining, fabricating, or recycling activity of the qualified person has altered tangible personal property to its completed form, including packaging as defined in subdivision (b)(4)(3), if required. "Process" includes testing products for quality assurance which occurs prior to the tangible personal property being altered to its completed form, including packaging as defined in subdivision (b)(4)(3), if required. Raw materials shall be considered to have been introduced into the process when the raw materials are stored on the same premises where the qualified person’s manufacturing, processing, refining, fabricating, or recycling activity is conducted. Raw materials that are stored on premises other than where the qualified person's manufacturing, processing, refining, fabricating, or recycling activity is conducted shall not be considered to have been introduced into the manufacturing, processing, refining, fabricating, or recycling process.

"Processing" means the physical application of the materials and labor necessary to modify or change the characteristics of tangible personal property.

(A) "Qualified person" means

 Prior to January 1, 2018, a person that is primarily engaged in those lines of business described in Codes 3111 to 3399, inclusive, 541711, or 541712 of the North American Industry Classification System (NAICS) published by the United States Office of Management and Budget (OMB), 2012 edition.
(ii) On and after January 1, 2018, a person that is primarily engaged in those lines of business described in Codes 3111 to 3399, inclusive, 22111 to 221118, inclusive, 221122, 541711, or 541712 of the North American Industry Classification System (NAICS) published by the United States Office of Management and Budget (OMB), 2012 edition.

With respect to Codes 3111 to 3399, a person will not be precluded from the definition of a "qualified person" when there is no applicable six digit NAICS code to describe their line of business, provided that their business activities are reasonably described in a qualified four digit industry group. For example, a business in the recycling industry may be regarded as a qualified person when the activities of the establishment are reasonably described in a qualified four digit industry group. For the purpose of this subdivision:

1. A qualified person may be "primarily engaged" either as a legal entity or as an establishment within a legal entity. "Legal entity" means "person" as defined in RTC section 6005.

A person is "primarily engaged" as a legal entity if, in the prior financial year, the legal entity derived 50 percent or more of gross revenue (including inter-company charges) from, or expended 50 percent or more of operating expenses in a qualifying line of business described in Codes 3111 to 3399, inclusive, 541711 or 541712 of the NAICS. For example, a legal entity is a qualified person primarily engaged in a qualifying line of business if the legal entity's gross revenue from manufacturing constituted 50 percent or more of the total revenue for the legal entity. For purposes of research and development activities, revenues could be derived from, but are not limited to, selling research and development services or licensing intellectual property resulting from research and development activities.

A person is "primarily engaged" as an establishment if, in the prior financial year, the establishment derived 50 percent or more of gross revenue (including inter-company and intra-company charges) from, or expended 50 percent or more of operating expenses in a qualifying line of business. Alternatively, an establishment is "primarily engaged" if, in the prior financial year, it allocated, assigned or derived 50 percent or more of any one of the following to or from a qualifying line of business: (1) employee salaries and wages, (2) value of production, or (3) number of employees based on a full-time equivalency.

For purposes of this test, the gross revenues may be derived from a combination of activities in qualifying manufacturing lines of business and from qualified research and development lines of business. For example, if a company derived 40% of its gross revenues from qualified manufacturing activities and 40% from non-qualified manufacturing activities; but, the remaining 20% of its gross revenues are derived from qualified research
and development contracts, the company would qualify because overall, 60% of the gross revenues are from qualifying activities.

Similarly, the test for operating expenses from qualifying manufacturing or research and development lines of business cited in the qualifying NAICS codes would be considered in combination.

There may be more than one qualifying establishment within a legal entity.

In the case of a nonprofit organization or government entity, "primarily engaged" with regard to gross revenue means 50 percent or more of the funds allocated to the entity or establishment are attributable to a qualifying line of business.

In cases where the purchaser was not primarily engaged in qualifying manufacturing or research and development lines of business activities for the financial year preceding the purchase of the property, the one year period following the date of purchase of the property will be used.

2. For purposes of this subdivision, "establishment" includes multiple or single physical locations, (including any portion or portions thereof), and those locations or combinations of locations (including any portion or portions thereof) designated as a "cost center" or "economic unit" by the taxpayer, where a qualified activity is performed, and for which the taxpayer maintains separate books and records that reflect revenue, costs, number of employees, wages or salaries, property and equipment, job costing, or other financial data pertaining to the qualified activity. A physical location may be described in more than one NAICS code.

3. An entity or establishment primarily engaged in manufacturing activities may purchase qualified tangible personal property subject to the partial sales and use tax exemption for use in research and development, or generating or producing, or storing and distributing electric power, provided all other requirements for the exemption are met. An entity or establishment primarily engaged in research and development may purchase qualified tangible personal property subject to the partial sales and use tax exemption for use in manufacturing, or generating or producing, or storing and distributing electric power, provided all other requirements for the exemption are met. An entity or establishment primarily engaged in generating or producing, or storing and distributing electric power may purchase qualified tangible personal property subject to the partial sales and use tax exemption for use in manufacturing, or generating or producing, or storing and distributing electric power, provided all other requirements for the exemption are met. Where a person is primarily engaged as a legal entity, that person shall be considered a "qualified person" for purposes of this regulation for all purchases made by the legal entity, provided all other requirements of the exemption are
met. Where a person conducts business at more than one establishment then that person shall be considered to be a "qualified person" for purposes of this regulation only as to those purchases that are intended to be used and are actually used in an establishment in which the purchaser is primarily engaged in those lines of business described in Codes 3111 to 3399, inclusive, 541711, or 541712.

(B) Notwithstanding subdivision (b)(9)(A), "qualified person" does not include:

1. Prior to January 1, 2018, an apportioning trade or business that is required to apportion its business income pursuant to subdivision (b) of RTC section 25128, or a trade or business conducted wholly within this state that would be required to apportion its business income pursuant to subdivision (b) of RTC section 25128 if it were subject to apportionment pursuant to RTC section 25101.

In general, these apportioning trades or businesses derive more than 50 percent of their gross business receipts from an agricultural business activity, an extractive business activity, a savings and loan activity, or a banking or financial business activity as defined in subdivision (d) of RTC section 25128.

23. On or after January 1, 2018, an apportioning trade or business that is required to apportion its business income pursuant to subdivision (b) of RTC section 25128, or a trade or business conducted wholly within this state that would be required to apportion its business income pursuant to subdivision (b) of RTC section 25128 if it were subject to apportionment pursuant to RTC section 25101, other than an agricultural business described in paragraph (1) of subdivision (c) of RTC section 25128.

(A) "Qualified tangible personal property" includes, but is not limited to, all of the following:

1. Machinery and equipment, including component parts and contrivances such as belts, shafts, moving parts, and operating structures. For purposes of this subdivision, manufacturing aids as described in Regulation 1525.1, Manufacturing Aids, may be considered machinery and equipment, when purchased by a qualified person for use by that person in a manner qualifying for exemption, even though such property may subsequently be delivered to or held as property of the person to whom the manufactured product is sold. The manufacturing aids must meet the useful life requirement of subdivision (b)(15)(13).

2. Equipment or devices used or required to operate, control, regulate, or maintain the machinery, including, but not limited to, computers, data-processing equipment, and computer software, together with all repair and replacement parts with a useful life of one or more years therefor, whether purchased separately or in conjunction with a complete
machine and regardless of whether the machine or component parts are assembled by the qualified person or another party.

3. Tangible personal property used in pollution control that meets or exceeds standards established by this state or any local or regional governmental agency within this state at the time the qualified tangible personal property is purchased.

4. Special purpose buildings and foundations used as an integral part of the manufacturing, processing, refining, fabricating, or recycling process, or that constitute a research or storage facility used during those processes. On or after January 1, 2018, this also includes special purpose buildings and foundations used as an integral part of the generation or production or storage and distribution of electric power. Buildings used solely for warehousing purposes after completion of those processes are not included. For purposes of this subdivision:

   a. "Special purpose building and foundation" means only a building and the foundation underlying the building that is specifically designed and constructed or reconstructed for the installation, operation, and use of specific machinery and equipment with a special purpose and the construction or reconstruction of which is specifically designed and used exclusively for the specified purposes as set forth in subdivision (a) (the qualified purpose). Special purpose buildings and foundations also include foundations for open air structures that may not have ceilings or enclosed walls but are used exclusively for the specified purposes as set forth in subdivision (a).

   b. A building or foundation is specifically designed and constructed or modified for a qualified purpose if it is not economic to design and construct the building or foundation for the intended purpose and then use the structure for a different purpose.

   c. A building or foundation is used exclusively for a qualified purpose only if its use does not include a use for which it was not specifically designed and constructed or modified. Incidental use of a building or foundation for nonqualified purposes does not preclude the structure from being a special purpose building and foundation. "Incidental use" means a use which is both related and subordinate to the qualified purpose. A use is not subordinate if more than one-third of the total usable volume of the building is devoted to a use which is not a qualifying purpose.

   d. If an entire building and/or foundation does not qualify as a special purpose building and foundation, a qualified person may establish that a portion of the structure qualifies for treatment as a special purpose building and foundation if the portion satisfies all of the definitional provisions in this subdivision.
e. Buildings and foundations that do not meet the definition of a special purpose building and foundation set forth above include, but are not limited to, buildings designed and constructed or reconstructed principally to function as a general purpose industrial, or commercial building; or storage facilities that are used primarily before the point raw materials are introduced into the process and/or after the point at which the manufacturing, processing, refining, fabricating, or recycling has altered tangible personal property to its completed form.

f. The term "integral part" means that the special purpose building or foundation is used directly in the activity qualifying for the partial exemption from sales and use tax and is essential to the completeness of that activity. In determining whether property is used as an integral part of manufacturing, all properties used by the qualified person in processing the raw materials into the final product are properties used as an integral part of manufacturing.

(B) "Qualified tangible personal property" does not include any of the following:

1. Consumables with a useful life of less than one year.

2. Furniture, inventory, and equipment used in the extraction process, or equipment used to store finished products that have completed the manufacturing, processing, refining, fabricating, or recycling process. The extraction process includes such severance activities as mining, oil and gas extraction.

3. Tangible personal property used primarily in administration, general management, or marketing.

(11) "Recycling" means the process of modifying, changing, or altering the physical properties of manufacturing, processing, refining, fabricating, secondary or postconsumer waste which results in the reduction, avoidance or elimination of the generation of waste, but does not include transportation, baling, compressing, or any other activity that does not otherwise change the physical properties of any such waste.

(12) "Refining" means the process of converting a natural resource to an intermediate or finished product, but does not include any transportation, storage, conveyance or piping of the natural resources prior to commencement of the refining process, or any other activities which are not part of the process of converting the natural resource into the intermediate or finished product.

(13) "Research and development" means those activities that are described in Section 174 of the Internal Revenue Code or in any regulations thereunder. Research and development shall include activities intended to discover information that would eliminate uncertainty concerning the development or improvement of a product. For this purpose,
uncertainty exists if the information available to the qualified person does not establish the capability or method for developing or improving the product or the appropriate design of the product.

(14) “Storage and distribution” means storing or distributing through the electric grid, but not transmission of, electric power to consumers regardless of source.

(15) “Useful life.” Tangible personal property that the qualified person treats as having a useful life of one or more years for state income or franchise tax purposes shall be deemed to have a useful life of one or more years for purposes of this regulation. Tangible personal property that the qualified person treats as having a useful life of less than one year for state income or franchise tax purposes shall be deemed to have a useful life of less than one year for purposes of this regulation. For the purposes of this paragraph, tangible personal property that is deducted under sections 17201 and 17255 or section 24356 shall be deemed to have a useful life of one or more years.

(c) PARTIAL EXEMPTION CERTIFICATE.

(1) IN GENERAL. Qualified persons who purchase or lease qualified tangible personal property from an in-state retailer, or an out-of-state retailer obligated to collect use tax, must provide the retailer with a partial exemption certificate in order for the retailer to claim the partial exemption. If the retailer takes a timely partial exemption certificate in the proper form as set forth in subdivision (c)(3) and in good faith as defined in subdivision (c)(4), from a qualified person, the partial exemption certificate relieves the retailer from the liability for the sales tax subject to exemption under this regulation or the duty of collecting the use tax subject to exemption under this regulation. A certificate will be considered timely if it is taken any time before the seller bills the purchaser for the property, any time within the seller’s normal billing or payment cycle, or any time at or prior to delivery of the property to the purchaser.

On occasion a potential qualified person may not know at the time of purchase whether they will meet the requirements for the purpose of claiming the partial exemption until the expiration of the one year period following the date of purchase as provided in subdivision (b)(9)(A). The purchaser may issue a partial exemption certificate at the time of the purchase based on the expectation that the purchaser will meet the requirements of the regulation. If those requirements are not met, the purchaser will be liable for payment of sales tax, with applicable interest as if the purchaser were a retailer making a retail sale of the tangible personal property at the time the tangible personal property is purchased.

If the purchaser pays the full amount of tax at the time of purchase and later becomes aware that the requirements of this regulation are met, they may issue a partial exemption certificate to the retailer. If a retailer receives a certificate from a qualified person under
these circumstances, or if the retailer receives a certificate from a contractor purchasing qualified tangible personal property for use in the performance of a construction contract for a qualified person, the retailer may file a claim for refund as provided in subdivision (h).

The exemption certificate form set forth in Appendix A may be used as an exemption certificate.

Contractors purchasing property for use in the performance of a construction contract for a qualified person as described in subdivision (a)(5)(4), who purchase qualified tangible personal property from an in-state retailer, or an out-of-state retailer obligated to collect use tax, must provide the retailer with a partial exemption certificate in order for the retailer to claim the partial exemption. If the retailer takes a timely partial exemption certificate in the proper form as set forth in subdivision (c)(3) and in good faith as defined in subdivision (c)(5), from the contractor, the partial exemption certificate relieves the retailer from the liability for the sales tax subject to exemption under this regulation or the duty of collecting the use tax subject to exemption under this regulation.

The exemption certificate form set forth in Appendix B may be used by construction contractors as an exemption certificate when they are purchasing qualified tangible personal property for use in a construction contract for a qualified person.

(2) BLANKET PARTIAL EXEMPTION CERTIFICATE. In lieu of requiring a partial exemption certificate for each transaction, a qualified person may issue a blanket partial exemption certificate. The partial exemption certificate forms set forth in Appendix A and Appendix B may be used as blanket partial exemption certificates. In absence of evidence to the contrary, a retailer may accept an otherwise valid blanket partial exemption certificate in good faith if the certificate complies with the requirements set forth in this subdivision.

When purchasing tangible personal property not qualifying for the partial exemption from a seller to whom a blanket exemption certificate has been issued, the qualified person or contractor must clearly state in a contemporaneous document or documents such as a written purchase order, sales agreement, lease, or contract that the sale or purchase is not subject to the blanket partial exemption certificate.

If contemporaneous physical documentation, such as a purchase order, sales agreement, lease, or contract is not presented for each transaction, any agreed upon designation which clearly indicates which items being purchased are or are not subject to the partial exemption certificate, such as using a separate customer account number for purchases subject to the partial exemption, will be accepted, provided the means of designation is set forth on the blanket exemption certificate.
(3) FORM OF PARTIAL EXEMPTION CERTIFICATE. Any document, such as a letter or purchase order, timely provided by the purchaser to the seller will be regarded as a partial exemption certificate with respect to the sale or purchase of the tangible personal property described in the document if it contains all of the following essential elements:

(A) The signature of the purchaser, purchaser's employee, or authorized representative of the purchaser.

(B) The name, address and telephone number of the purchaser.

(C) The number of the seller's permit held by the purchaser. If the purchaser is not required to hold a permit because the purchaser sells only property of a kind the retail sale of which is not taxable, e.g., food products for human consumption, or because the purchaser makes no sales in this state, the purchaser must include on the certificate a sufficient explanation as to the reason the purchaser is not required to hold a California seller's permit in lieu of a seller's permit number.

(D) A statement that the property purchased is:

1. To be used primarily for a qualifying activity as described in subdivision (a)(1) – (43), or

2. For use by a contractor purchasing that property for use in the performance of a construction contract for the qualified person as described in subdivision (a)(54).

(E) A statement that the purchaser is:

1. a person primarily engaged in a manufacturing business described in NAICS Codes 3111 to 3399; in the generation or production of electric power as described in NAICS Codes 221111 to 221118; the storage and distribution of electric power as described in NAICS Code 221122; or in research and development activities as described in NAICS Codes 541711 and 541712 (OMB 2012 edition), or

2. a contractor performing a construction contract for a qualified person primarily engaged in manufacturing business described in NAICS Codes 3111 to 3399; in the generation or production of electric power as described in NAICS Codes 221111 to 221118; the storage and distribution of electric power as described in NAICS Code 221122; or in a research and development activities as described in NAICS Codes 541711 and 541712 (OMB 2012 edition).

(F) A statement that the property purchased is qualified tangible personal property as described in subdivision (b)(10)(A)(7)(A).

(G) A description of property purchased.
(H) The date of execution of the document.

(4) RETENTION AND AVAILABILITY OF PARTIAL EXEMPTION CERTIFICATES. A retailer must retain each partial exemption certificate received from a qualified person for a period of not less than four years from the date on which the retailer claims a partial exemption based on the partial exemption certificate.

(5) GOOD FAITH. A seller will be presumed to have taken a partial exemption certificate in good faith in the absence of evidence to the contrary. A seller, without knowledge to the contrary, may accept a partial exemption certificate in good faith where a qualified person or a contractor performing a construction contract for a qualified person provides a certificate meeting the requirements provided in subdivision (c)(3).

(d) WHEN THE PARTIAL EXEMPTION DOES NOT APPLY. The exemption provided by this regulation shall not apply to either of the following:

(1) Any tangible personal property purchased by a qualified person during any calendar year that exceeds two hundred million dollars ($200,000,000) of purchases of qualified tangible personal property for which an exemption is claimed by the qualified person under this regulation. This limit includes fixtures and materials sold or used in the construction of special purpose buildings and foundations.

For purposes of this subdivision, in the case of a qualified person that is required to be included in a combined report under RTC section 25101 or authorized to be included in a combined report under RTC section 25101.15, the aggregate of all purchases of qualified personal property for which an exemption is claimed pursuant to this regulation by all persons that are required or authorized to be included in a combined report shall not exceed two hundred million dollars ($200,000,000) in any calendar year.

For the purposes of this subdivision, "calendar year" includes the period July 1, 2014 to December 31, 2014, as well as the period January 1, 2022 to June 30, 2022. Accordingly, for calendar years 2014 and/or 2022, a qualified person may not exceed $200,000,000 in purchases of qualified tangible personal property for which an exemption is claimed by the qualified person under this regulation.

There is no proration of the $200,000,000 limit when the purchaser is a qualified person for only a portion of a calendar year. For example, if the qualified person began business on October 1, 2016, the qualified person may purchase up to $200,000,000 in qualified tangible personal property in the three months of 2016 they were in business.

(2) The sale or storage, use, or other consumption of property that, within one year from the date of purchase, is removed from California, converted from an exempt use under
subdivision (a) to some other use not qualifying for exemption, or used in a manner not qualifying for exemption.

**(e) PURCHASER’S LIABILITY FOR THE PAYMENT OF SALES TAX.** If a purchaser certifies in writing to the seller that the tangible personal property purchased without payment of the tax will be used in a manner entitling the seller to regard the gross receipts from the sale as exempt from the sales tax, and the purchaser exceeds the two-hundred-million-dollar ($200,000,000) limitation described in subdivision (d)(1), or within one year from the date of purchase, the purchaser removes that property from California, converts that property for use in a manner not qualifying for the exemption, or uses that property in a manner not qualifying for the exemption, the purchaser shall be liable for payment of sales tax, with applicable interest, as if the purchaser were a retailer making a retail sale of the tangible personal property at the time the tangible personal property is so purchased, removed, converted, or used, and the cost of the tangible personal property to the purchaser shall be deemed the gross receipts from that retail sale.

**(f) LEASES.** Leases of qualified tangible personal property classified as "continuing sales" and "continuing purchases" in accordance with Regulation 1660, Leases of Tangible Personal Property – In General, may qualify for the partial exemption subject to all the limitations and conditions set forth in this regulation. The partial exemption established by this regulation may apply to rentals payable paid by a qualified person for a lease period beginning on or after July 1, 2014, with respect to a lease of qualified tangible personal property to the qualified person, which property is used primarily in an activity described in subdivision (a), notwithstanding the fact that the lease was entered into prior to the effective date of this regulation.

For purposes of this subdivision, in the case of any lease that is a continuing "sale" and "purchase" under subdivision (b)(1) of Regulation 1660, the one-year test period specified in subdivision (d)(2) of this regulation runs from the date of the first rental period which occurs on or after July 1, 2014, provided that the other conditions for qualifying for the partial exemption have been met. Any such rentals payable subject to the partial exemption shall continue to be taxed at the partial rate after expiration of the one-year period and lasting until such time as the lessee ceases to be a qualified person, converts the property for use in a manner not qualifying for the exemption, uses the property in a manner not qualifying for the partial exemption, or the partial exemption otherwise ceases to apply.

**(g) CONSTRUCTION CONTRACTORS.** The application of sales and use tax to construction contracts is explained in Regulation 1521, Construction Contractors. The terms "construction contract," "construction contractor," "materials," "fixtures," "time and material contract," and "lump sum contract" used in this regulation refer to the definitions of those
(1) PARTIAL EXEMPTION CERTIFICATES. As provided in subdivision (c)(1), construction contractors performing construction contracts for construction of special purpose buildings and foundations should obtain a partial exemption certificate from the qualified person (Appendix A). Contractors purchasing property from a retailer in this state or engaged in business in this state for use in the performance of a qualifying construction contract for a qualified person must timely furnish the retailer with a partial exemption certificate in order for the partial exemption to be allowed (Appendix B).

If a contractor accepts a certificate from a qualified person for the construction of a special purpose building or foundation and it is later determined that the building or foundation is not a qualifying structure as provided in subdivision (b)(10)(a)(4.), the qualifying person will be liable for the tax as provided in subdivision (e). If a contractor issues a certificate to its vendor to purchase tangible personal property for use in a construction contract for a qualified person subject to the partial exemption, and instead uses those materials for another purpose, the contractor will be liable for the tax as provided in subdivision (e).

(2) CONSTRUCTION CONTRACTORS AS QUALIFIED PERSONS. Equipment used by a construction contractor in the performance of a construction contract for a qualified person does not qualify for the partial exemption. For example, the lease of a crane used in the construction of a special purpose building does not qualify. However, a contractor that is also a qualified person as defined in subdivision (b)(9)(a)(4) may purchase property subject to the partial sales and use tax exemption provided all requirements for exemption are met. Like any other qualified person, a contractor making purchases qualifying for the exemption is subject to the $200,000,000 limit provided in (d)(1) with regard to the contractor's purchases for his or her own use.

(3) $200,000,000 LIMIT. As explained in subdivision (d)(1), the $200,000,000 limit for the partial exemption includes fixtures and materials sold or used in the construction of special purpose buildings and foundations. In a time and material contract, the qualified person may consider the billed price of materials and fixtures to be the purchase price of these items for the purposes of the limit. In a lump-sum contract, the qualified person must obtain this information from job cost sheets or other cost information provided by the construction contractor.

(h) CLAIM FOR REFUND. Qualified purchasers, or contractors purchasing qualified tangible personal property for use in the performance of a construction contract for a qualified person, who paid tax or tax reimbursement to the seller or the Board Department...
may file a claim for refund with the Board-Department if the purchase was a use tax transaction. However, if the purchase was a sales tax transaction, a claim for refund for sales tax must be filed by the retailer who reported the sale and the qualified purchaser must issue the seller a partial exemption certificate. In order to be timely, the claim for refund must be filed with the Board-Department within the period specified in section 6902 of the RTC.
Appendix A

PARTIAL EXEMPTION CERTIFICATE FOR MANUFACTURING, RESEARCH & DEVELOPMENT, AND ELECTRIC POWER GENERATION OR DISTRIBUTION EQUIPMENT – SECTION 6377.1

This is a partial exemption from sales and use taxes at the rate of 4.1875% from July 1, 2014 to December 31, 2016, and at the rate of 3.9375% from January 1, 2017 to June 30, 2022. You are not relieved from your obligations for the remaining state tax and local and district taxes on this transaction. This partial exemption also applies to lease periods occurring on or after July 1, 2014 and before July 1, 2022, for leases of qualified tangible personal property even if the lease agreement was entered into prior to July 1, 2014.

I hereby certify that the tangible personal property described below and purchased or leased from:

<table>
<thead>
<tr>
<th>SELLER/LESSOR’S NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>SELLER/LESSOR’S ADDRESS (Street, City, State, Zip Code)</td>
</tr>
</tbody>
</table>

is qualified tangible personal property and will be used by me primarily (please check one):

- ☐ 1. for manufacturing, processing, refining, fabricating, or recycling;
- ☐ 2. for research and development;
- ☐ 3. to maintain, repair, measure, or test any property being used for (1) or (2) above; or
- ☐ 4. for the generation or production, or storage and distribution, of electric power; or
- ☐ 5. as a special purpose building and/or foundation.

Description of qualified tangible personal property purchased or leased:

If this is a specific partial exemption certificate, provide the purchase order or sales invoice number and a precise description of the property being purchased. If you want this certificate to be used as a blanket certificate for future purchases, describe generally the type of property you will be purchasing and ask your vendor to keep this certificate on file.

I, as the undersigned purchaser, hereby certify I am primarily engaged in manufacturing, processing, refining, fabricating, or recycling as described in Codes 3111 to 3399 of the North American Industry Classification System (NAICS); or I am primarily engaged in biotechnology, or physical, engineering, and life sciences research and development as described in Codes 541711 and 541712 of the NAICS; or I am primarily engaged in generating or producing electric power as described in Codes 221111 to 221118 of the NAICS; or I am primarily engaged in storing and distributing electric power as described in Code 221122 of the NAICS.

I understand that by law, I am required to report and pay the state tax (calculated on the sales price/rentals payable of the property) at the time the tangible personal property is so purchased, removed, converted, or used if:
- the purchase exceeds the $200 million limitation;
- the property is removed from California within one year of the date of purchase or lease;
- the property is converted for use in a manner not qualifying for the exemption; or
- the property is used in a manner not qualifying for the partial exemption.

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1 See Regulation 1525.4, subdivision (b)(10.9) for a description of what is included and excluded from “qualified tangible personal property.”

2 Published by the US Office of Management and Budget, 2012 edition.
CONSTRUCTION CONTRACTS - PARTIAL EXEMPTION CERTIFICATE FOR MANUFACTURING, AND RESEARCH & DEVELOPMENT, AND ELECTRIC POWER GENERATION OR DISTRIBUTION EQUIPMENT – SECTION 6377.1

This is a partial exemption from sales and use taxes at the rate of 4.1875% from July 1, 2014 to December 31, 2016, and at the rate of 3.9375% from January 1, 2017 to June 30, 2030. You are not relieved from your obligations for the remaining state tax and local and district taxes on this transaction.

I hereby certify that the tangible personal property described below and purchased from:

______________________________
SELLER/LESSOR’S NAME
______________________________
SELLER/LESSOR’S ADDRESS (Street, City, State, Zip Code)

is qualified tangible personal property and will be used by me in the performance of a construction contract for a qualified person who will use that property as an integral part of the manufacturing, processing, refining, fabricating, or recycling process, the generation or production, or storage and distribution, of electric power, or as a research or storage facility for use in connection with those processes.

Description of qualified tangible personal property purchased\(^1\):

______________________________

If this is a specific partial exemption certificate, provide the purchase order or sales invoice number and a precise description of the property being purchased. If you want this certificate to be used as a blanket certificate for future purchases, describe generally the type of property you will be purchasing and ask your vendor to keep this certificate on file.

I further certify I am performing a construction contract for a qualified person primarily engaged in manufacturing, processing, refining, fabricating, or recycling as described in Codes 3111 to 3399 of the North American Industry Classification System (NAICS)\(^2\), or primarily engaged in biotechnology, or physical, engineering, and life sciences research and development as described in Codes 541711 and 541712 of the NAICS, primarily engaged in generating or producing electric power as described in Codes 221111 to 221118 of the NAICS; or primarily engaged in storing and distributing electric power as described in Code 22122 of the NAICS.

I understand that if I use the property for any purpose other than indicated above, I am required to report and pay the state tax measured by the sales price of the property to me.

\(^1\) See Regulation 1525.4, subdivision (b)(109) for a description of what is included and excluded from “qualified tangible personal property.”

\(^2\) Published by the US Office of Management and Budget, 2012 edition.