2 Title 14 of the California Code of Regulations (14 CCR), 3 Division 1.5, Chapter 7, Article 4 4 **Utility Clearance Exemptions, 2019** 5 § 1250. Purpose. 6 The purpose of Article 4 is to provide specific exemptions from: electric pole and tower 7 <u>fFirebreak clearance standards</u>, electric <u>eConductor clearance standards</u>, and to specify 8 when and where the standards apply. 9 Note: Authority cited: Sections 4292 and 4293, Public Resources Code. Reference: 10 Sections 4292-4296, Public Resources Code. 11 12 § 1251. Definitions. 13 The following definitions apply to this Article unless the context requires otherwise. 14 Defined word or phrase 15 "CAL FIRE" means the California Department of Forestry and Fire Protection. 16 "Conductor" means connector, a wire, or a combination of wires, and/or any other 17 appliance designed and manufactured for use in the transmission and distribution of 18 electrical current. "Connector" means a device approved for energized electrical connections. 20 "Department-approved" means a piece of equipment approved by the Office of the State 21 Fire Marshal. 22 "Director" means the director of CAL FIRE. 23 "Duff" means partially decayed leaves, needles, grass or other organic material 2.4 accumulated on the ground. 25

Board of Forestry and Fire Protection

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1	Note: Authority cited: Sections 4292-4293, Public Resources Code. Reference:
2	Sections 4292-4296, Public Resources Code, Section 1910.399, Federal Occupational
3	Safety and Health Standards.
4	
5	§ 1252.1. Official Area Maps.
6	The official maps of State Responsibility Areas defined in 14 CCR § 1220 are available
7	for viewing and copying during normal business hours at the California Department of
8	Forestry and Fire Protection (CAL FIRE), 1416 Ninth Street, Sacramento, California,
9	95814, in the Fire Protection Section. The official maps are also available on the CAL
10	FIRE Fire Resource and Assessment Program webpage.
11	When, pursuant to PRC 4125-4128, the Board revises State Responsibility Area
12	boundaries, the Director will forward a legal description of a boundary change(s) to the
13	respective electric utility(s) serving the area(s).
14	Note: Authority cited: Sections 4292, 4293, Public Resources Code. Reference:
15	Sections 4125-4128, 4292, 4293, Public Resources Code.
16	
17	§ 1252.3. Boundary Location -Section Lines, Etc.
18	Where the boundaries of the area described in 14 CAC 1252 are on section, township
19	or range lines, or on powerline rights-of-way, the poles, towers and eConductors located
20	thereon are within the area described.
21	Note: Authority cited: Sections 4292 and 4293, Public Resources Code. Reference:
22	Sections 4125-4128, 4292 and 4293, Public Resources Code.
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§ 1253. Time When PRC 4292-4296 Apply.

The minimum fFirebreak and clearance provisions in of PRC 4292-4296 are applicable during when declared CAL FIRE requires burn permits as described in PRC 4423, including when burn permits are suspended. fire season for a respective county. The

Director shall post the declaration on the official Department web site.

Note: Authority cited: Sections 4292 and 4293, Public Resources Code. Reference: Sections 4125-4128, 4292 and 4293, Public Resources Code.

§ 1254. Minimum Clearance Provisions - PRC 4292.

The fFirebreak clearances required by PRC 4292 are applicable within an imaginary cylindroidal space surrounding each pole or tower on which a switch, fuse, transformer or lightning arrester is attached and surrounding each dead end or corner pole unless such pole or tower is exempt from minimum clearance requirements by provisions of 14 CCR 1255 or PRC 4296. The radius of the cylindroid is 3.1 m (10 feet) measured horizontally from the eOuter eCircumference of the specified pole or tower with height equal to the distance from the intersection of the imaginary vertical exterior surface of the cylindroid with the ground to an intersection with a horizontal plane passing through the highest point at which a conductor is attached to such pole or tower. (See Figure 2 § 1258-this Article.) Flammable vegetation and materials located wholly or partially within the fFirebreak space shall be treated as follows:

- (a) At ground level -remove flammable materials, including but not limited to, ground litter, aDuff and dead or desiccated vegetation that will allow fire to spread, and;
- (b) From 0-2.4 m (0-8 feet) above ground level -remove flammable trash, debris or other materials, grass, herbaceous herbacious and brush vegetation. All limbs and foliage of living trees shall be removed up to a height of 2.4 m (8 feet).

1	(12) pole line hardware that does not carry current, or
2	(13) lightning/surge protection devices with Department-approved spark prevention
3	units.
4	(c) On the following areas if fire will not propagate thereon:
5	(1) fields planted to row crops,;
6	(2) plowed or cultivated fields,;
7	(3) producing vineyards that are plowed or cultivated;
8	(4) fields in nonflammable summer fallow;
9	(5) irrigated pasture land;
10	(6) orchards of fruit, nut or citrus trees that are plowed or cultivated,:
11	(7) Christmas tree farms that are plowed or cultivated; and
12	(8) swamp, marsh or bog land; or
13	(d) Where vegetation is maintained less than 30.48 cm (12 inches) in height, is fire
14	resistant, and is planted and maintained for the specific purpose of preventing soil
15	erosion and fire ignition.
16	Note: Authority cited: Section 4292, Public Resources Code. Reference: Section 4292,
17	Public Resources Code, Section 1910.399, Federal Occupational Safety and Health
18	Standards.
19	
20	§ 1256. Minimum Clearance Provisions -PRC 4293.
21	Minimum clearance required by PRC 4293 shall be maintained with the specified
22	distances measured at a right angle to the eConductor axis at any location outward
23	throughout an arc of 360 degrees. (See Figure 3 <u>§ 1258</u> this Article.)
24	Minimum clearance shall include:
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previous calendar year.

1	(4). When constructing, installing, replacing, or maintaining primary distribution
2	equipment, prevent the creation of new Exempt Trees, to the extent feasible.
3	(dC) Where there are site specific indications that a Conductor has or will come into
4	contact with an Exempt Tree, or portion thereof as described above, the condition will
5	be corrected either by altering the tree or by applying an engineering solution, such as a
6	non-conductive cross arm. The actions taken will be documented in that utility's Exempt
7	Tree database.
8	(e) When subordinate elements, such as tree anchors, are fastened to living, sound
9	trees, the requirements of PRC 4292 and 4293 shall apply the same as to a pole or
10	tower line.
11	(fb) These exemptions do not apply to trees subject to injury, disease, death, or insect
12	or fungus attacks. "Hazard Trees" as identified and explained on pages 1-20 through 1-
13	24 in the Department's "Powerline Fire Prevention Field Guide" dated November 2008
14	and posted on the Department's website at:
15	http://cdfdata.fire.ca.gov/pub/fireplan/fpupload/fppguidepdf126.pdf.
16	Note: Authority cited: Sections 4111 and 4293, Public Resources Code. Reference:
17	Sections 4293 and 4296, Public Resources Code.
18	
19	§ 1258. Tree Lines. <u>Figures</u>
20	When electric conductors and subordinate elements are fastened to living, sound trees,
21	commonly referred to as tree lines, the requirements of PRC 4292 and 4293 shall apply
22	the same as to a pole or tower line.
23	Figure 1-Image 1-within § 1258. Tree Lines.
24	*****No change to this image******
25	

1 Figure 2 Image 2 within § 1258. Tree Lines. 2 3 Figure 2 4 5 Highest point of conductor attachment (top of cylindroidal 6 From 8 feet to horizontal plane of highest point 7 or conductor attachment. 8 Remove dead, diseased or dying limbs and foliage from living 9 ground trees and dead, diseased or dying trees. 10 11 12 From 0-8 feet above ground level. 13 Remove flammable trash, grass, herbacious and brush 14 vegetation and limbs and foliage of living trees up to a height of 8 feet. 15 Ground level, remove flammable materials. 16 Outer circumference of pole (or tower) 17 Ground level, (base of cylindroidal space) 18 **ELEVATION VIEW** 19 PRC 4292 14 CAC 1254 20 FIRE BREAK CLEARANCE REQUIREMENTS 21 AROUND POLES AND TOWERS 22 23 **APRIL 1980** 24 25

PRC 4292 14 CCR 1254 Fire Break Clearance Requirements Around Poles and Towers

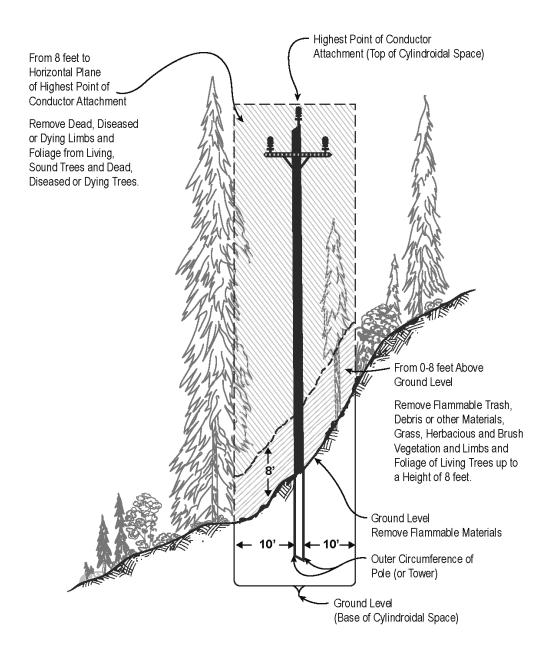


Figure 3 Image 3 within § 1258. Tree Lines.

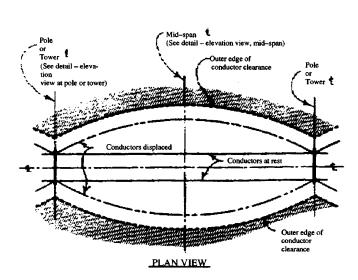


Figure 3

Remove outward from the conductor for a distance at least equal to the height of the tallest tree, dead trees, decadent or rotten trees, forked trees, trees weakened by decay or disease and trees or portions thereof that are leaning toward the conductor from the side or may fall on the conductors.

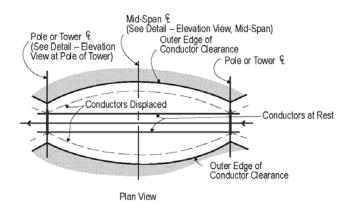
Required 4, 6 or 10 feet conductors

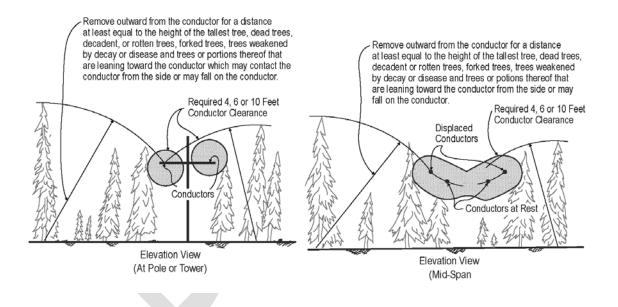
Require

PRC 14 CAC 1256 CONDUCTOR CLEARANCE

April 1980

Page 13 of 15





Note: Authority cited: Sections 4292 and 4293, Public Resources Code. Reference:

Sections 4292, 4293, and 4296, Public Resources Code.