

**Somerton/Cocopah Fire Dept.**

# **Common Fire Code Violations**



*Our Family Serving Yours*

FIRE INSPECTION FORM--REPORT SUPPLEMENT

PMP CODE REFERENCES updated 12-19-06

BUILDING IDENTIFICATION/ACCESSIBILITY		
31	10.13.1.1	ADDRESS: Shall be Visible/Legible from street-provide address numbers
34	12.3.2	Exterior fire resistive construction maintained-repair opening
27	18.2.2.5.1.1	FIRE LANE ACCESS: 20 feet of unobstructed width-keep clear
27	Ordinance	Emergency lanes posted
18	(25)4.5.1.2	FDC: Obstructions or repairs
21	18.3.4	HYDRANTS: Identification and obstructions
27	18.2.2.5.2	F.D. ACCESS: 20 ft. wide; 13 ft 6 in. in height (unobstructed)
GROUNDS		
25	10.15.10.1	Clear away excessive weeds and debris
26	19.1.2	Clear away accumulation of trash creating a fire hazard
26	19.2.1.4	Dumpster within 10 ft. (combustible Walls, openings, eave lines)-move
24	10.17.2	Move open storage 3 ft. from property line-height 6 ft. or less
24	10.17.1	Move open storage 10 ft. from property line-height over 6 ft.
24	10.17.6	Lower open storage height to 20 ft. maximum
33	S.W. Gas	Provide protection required for gas meters and piping
29	10.11.2.3	Keep recreational fires 25 ft. from structures/combustible materials
35	10.14.1	Vacant building: secure, no comb. storage, waste, vegetation
25	19.1.2	Combustible waste/refuse: properly store or dispose of to prevent unsafe condition
FLAMMABLE AND COMBUSTIBLE LIQUIDS		
32	16.2.2.3	OILY RAGS: Keep in approved containers with tight fitting lids
24	66.4.4.3.1	Move storage near exits that impede egress
24	66.4.5.4	Storage over 10 gallons, less than 60 gallons-put in approved flammable liquids cabinet
13	66.4.3.5	POST WARNING SIGNS: DANGER -- FLAMMABLE LIQUIDS
13	66.2.5.2.1	Tank identification required: supervised (health 2 or more, flammability 4)
13	66.2.5.2.2	Tank identification required: unsupervised (contents marked)
13	66.7	Release of product: notify fire prevention
13	66.2.4.3.1	Remove sources of ignition
13	66.2.5.5.3	Tanks out of service: refer to fire prevention
HAZARDOUS MATERIALS		
14	60.1	Hazardous materials general
14	60.1.9.4	Unauthorized discharges: notify Battalion Chief
14	60.1.8.3	Make Material Safety Data Sheets readily available
14	NFPA 704.4.3 & AHJ	Hazardous materials-place identification sign at entrance to location
14	16.2.2.3	Hazardous materials susceptible to spontaneous ignition (such as oily rags)-shall be stored in a listed disposal container
LIQUID PETROLEUM GAS		
15	69.3.2.2.2	Correct location of LPG containers (table 69.3.2.2.2(a))
15	(58)4.2.2.4(a) & (b)	LPG prohibited use: (a) non-approved equipment (b) release of product
15	(58)2.3.3	LPG dispensing and overfilling-follow correct procedures
15	69.4.3.2(B)	LPG-keep smoking/other sources of ignition clear-not within 25 ft.
15	69.3.2.2.6 (B)	LPG-maintain clearance to combustibles-not less than 10 ft.
15	69.5.4.2.2	LPG-provide protection of containers from vehicles (YFD LPG Guideline)
PORTABLE FIRE EXTINGUISHERS		
20	13.6.6.1.2.4	Obtain and mount fire extinguisher-Minimum 2A10BC is required by Chief
20	13.6.6.8.3.1	Fire extinguisher annual maintenance required by trained personnel
20	13.6.3.3	Fire extinguishers shall be mounted/cabinet/wall recess: readily accessible, conspicuously located (preferred-along paths of travel, near exits)
20	13.6.6.8.2.2(B)	Fire extinguishers shall be inspected at least monthly (date and initial recorded)
20	(10)5.7.1	Class K fire extinguisher required-combustible cooking media (vegetable/animal oils/fats)
20	(10)5.7.2	Mount-maximum travel distance 30 ft. for Class K fire extinguisher to hazard
ELECTRICAL		
7	(70)422	Appliances: general abatement of electrical hazards-condition must comply with the National Electrical Code
7	(70)430	Electrical motors shall be maintained in good, clean condition-condition must comply with the national Electrical Code
8	11.1.6.4	Temporary use of decorative lighting: 90 day limit
8	11.1.3	Maintenance and condition of electrical wiring-cover exposed wiring
8	11.1.6.3	Temporary wiring during construction-condition must comply with the National Electrical Code (no splices/good condition)
8	11.1.6.4	Temporary wiring during special events and holidays: 90 day limit
8	11.1.5.3.5	Temporary wiring: no attachment to structures, no extension through walls, ceilings, floors, under doors, floor coverings
8	11.1.5.3.5	Extension cords shall not be subject to environmental or physical damage-remove from service
8	11.1.5	Extension cords shall not be substituted for permanent wiring-remove from

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		service		
8	11.1.5.3.2	Extension cords shall be operated within permitted capacity		
8	11.1.5.3.3	Extension cords shall be without splices or damage-remove from service		
8	11.1.5.3.1	Extension cords shall be plugged directly in an approved receptacle		
8	11.1.5.2	Relocatable power taps shall have over-current protection, be grounded or polarized, and listed		
8	11.1.5.2.2	Relocatable power taps shall be plugged directly into an approved receptacle		
8	11.1.5.2.3	Relocatable power taps shall not be extended through walls, ceilings, floors, under doors, floor coverings		
8	11.1.5.2.3	Relocatable power taps shall not subjected to environmental or physical damage-remove from service		
8	11.1.4	Permanent wiring that is abandon shall be removed or tagged		
9	(70)404	Switches: general abatement of electrical hazards-condition must comply with the National Electrical Code		
10	11.1.2	Permanent electrical service shall be maintained in good condition-must comply with the national Electrical Code		
10	(70)240	Circuit breakers: general abatement of electrical hazards-condition must comply with the National Electrical Code		
10	(70)408.7	Circuit breakers: cover open breaker spaces		
10	(70)240	Circuit breakers/panel boards shall be accessible-clear access		
10	(70)408.4	Each service, feeder, or branch circuit shall be labeled-legibly identify		
11	(70)406	Receptacles: general abatement of electrical hazards-condition must comply with the National Electrical code		
		<b>INTERIOR FINISH</b>		
35	COY policy	Business License number noted		
2	(101)7.8	Install emergency lighting where required		
2	(101)7.8	Maintain emergency lighting to operate as designed		
26	19.1.2	Remove accumulated trash creating a fire hazard		
28	12.3.2.1	Maintain interior construction (repair/cover openings)		
30	AHJ	Post "NO SMOKING" sign		
28	20.2.3.3.6 (1)	Decorative materials (artwork/teaching materials) without sprinkler system-20% maximum wall coverage		
28	20.2.3.3.6 (2)	Decorative materials (artwork/teaching materials) with sprinkler system-50% maximum wall coverage		
28	IBC Table 803.5	Restriction of exposed interior surfaces -- flame spread rates-provide documentation of compliance or remove		
28	(801)15-1.2	Fire doors, shutters, windows -- must operate as designed at all times; closed and latched or arranged with automatic closing		
28	(801)15-2.4.3	Horizontal, vertical, sliding, rolling doors -- must be tested annually (written record maintained); link need not be replaced unless painted or has other problem		
		<b>STORAGE</b>		
24	14.6.3	No combustible storage under stairways unless constructed of approved design		
24	19.1.2	Combustible storage not allowed: electrical/mechanical rooms; too close to heat producing appliances		
24	20.15.7.2	Storages clearances must be maintained -- 2 ft. (ceilings, trusses, ducts, heaters, lights, fire doors)		
24	IBC413.2	Combustible storage is not allowed in attics, under floors, concealed areas unless constructed of an approved design		
25	10.15.1	Combustible vegetation (including cut Christmas trees) location within buildings must meet the requirements of Table 10.15.1 (page 1-50)		
17	63.3.1.3.3.1	All compressed gas cylinders shall be protected from physical damage		
17	63.3.1.3.4	All compressed gas cylinders shall be secured from falling or being knocked over-secure properly		
17	63.3.2.1.2 63.3.2.1.2.2	All compressed gas cylinders shall be secured upright unless designed to be used horizontally-secure properly		
16	(101)8.7.2	Storage of explosives		
		<b>EXITS</b>		
1	14.5.4.1	Fire rated doors equipped with automatic closing devices shall not be blocked open-remove stops		
1	14.5.1.3	Doors shall swing in the direction of travel when occupant load is 50 or more people		
1	14.5.3.3.1	Panic hardware shall be between 30 and 48 inches from the floor and unlatching force shall not exceed 15 pounds		
1	14.4.1	Fire escapes shall not be obstructed-clear access		

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3	14.4.1	Exits shall not be obstructed-clear access		
3	IBC1001.2	Exits shall not be altered		
4	39.2.6.1 39.2.6.2	Travel distance to exits shall not exceed: business- sprinkler (300 ft); no sprinkler (200 ft.)		
4	37.2.6.1 37.2.6.2	Travel distance to exits shall not exceed: mercantile- Sprinkler (250 ft.); no sprinkler (150 ft.)		
5	(101)7.8.1.1	Place exit signs where required		
5	(101)4.5.7	Exit and emergency signs shall operate as designed-repair		
6	(101)4.5.3.2	Aisles shall be free of obstructions, undiminished maintaining required width-clear access		
6	(101)13.2.4.3	Existing assembly occupancies: occupant load of 50 to 600 shall have two separate means of egress-provide required exiting		
6	(101)13.2.5.6. 2@	Dead end corridors shall not exceed 20 ft.-provide required exiting		
6	(101)Table 7.2.2.2.1(b)	Width of stairway shall not be less than 36 inches-clear access		
<b>SPRINKLER SYSTEMS</b>				
18	(13)6.8.4	Fire Department Connection (FDC): shall be equipped with listed caps-replace missing caps-replace		
18	(25)12.7.1	Fire Department Connection (FDC): obstructed – clear access		
18	(13)6.8.1	Fire Department Connection (FDC): Shall have proper threads (N.S.T.)-replace		
19	(13)8.16.1.4.2	Fire sprinkler indicating valve shall be locked open or supervised-secure valve		
19	(25)12.4.1.1	Fire sprinklers-signs are required on each sprinkler valve (shall indicate function) i.e. main drain, main shut off, inspector's test		
19	(25)12.4.1.1	Fire sprinkler check valves must operate properly-repair or replace		
19	13.3.1.7.1	Fire sprinkler electric flow switch shall be required with 24 hour supervision- provide supervision		
19	13.3.3.6.1	Fire sprinkler shall be provide with spare sprinkler heads-provide		
19	13.3.3.6.3	Fire sprinkler wrench shall be provided-provide		
19	(25)5.2.2.1	The fire sprinkler and riser and components shall be maintained to operate as designed-repair to comply with the original design		
19	13.3.3.3.1	Access to the fire sprinkler riser shall be maintained at all times-clear access		
19	(13)8.5.6.1	18 inches clearance must be maintained below the fire sprinkler head deflector throughout the ceiling area-clear obstructions		
19	(13).3.3.8	Sprinkler heads shall be unaltered and have no after-factory coating applied- replace		
19	(13)6.2.8	Fire sprinkler heads subject to mechanical injury shall be protected by guards and shields- provide approved protection		
19	(13)8.1.1	Fire sprinkler shall provide required coverage-install heads to provide coverage		
19	13.7.3.6.5	Fire sprinkler waterflow audible alarm shall sound on the premises within 90 seconds of activation- adjust or replace to insure compliance		
19	13.3.3.4.1 13.3.3.3.4	Provide written documentation of required fire sprinkler inspections and tests with needed repairs completed (maintain on premises and readily available for review)		
<b>KITCHEN FIRE PROTECTION</b>				
19	50.5.2.1	Commercial hood systems require that the fire extinguishing system have inspection and servicing performed at least once every 6 months by properly trained and qualified persons-have inspections and test performed		
19	50.2.4	All airflows shall be maintained when operating a commercial hood system-insure that the system operates as designed		
19	50.5.4.1	Upon inspection, found contaminated deposits in and around the commercial hood system-have hood and surrounding areas cleaned by a properly trained person		
<b>FIRE PROTECTION</b>				
22	13.19	Fire protection out of service more than 4 hours in a 24 hour day-assign approved fire watch and maintain until the system is back in service		
22	13.7.1.4.4	Fire alarms shall operate as designed and comply with the National Electrical Code and National Fire Alarm Code-make needed corrections		
<b>OTHER</b>				
35	UPC 510.5	Water heater requires seismic protection-provide approved protection		
		Provided COYFD General Safety Guideline		
		Provided COYFD Restaurant Safety Guideline		
		Provided COYFD Cargo Container Placement Guideline		
	10.12.1	Knox Box		
	20.1.4.8.3.1	Assembly – O.L. sign – more than 50 without fixed seating		