

OHVI and QC Condition Code Inspection Reference

Contact Trouble/Supervisor/CIP/Claims for any critical conditions and standby until Supv or CIP is on-site as appropriate

Code	Cond	Code Name – Description	On-site Maintenance / Follow-Up Actions	Cycle	
				OHVI	QC
6	D	Cable Pole Tag Missing	F/U fix by crew	X	
26	I	Ground Rods or Studs Missing	F/U fix if expd, missg, or corr out; instl new rod	X	
32	R	Pothead Leaking – insulating gel is leaking	F/U to Supervisor	X	
33	R	Pothead Chipped/Broken		X	
36	R	Need Barrier Post for Vehicular Traffic	F/U fix by crew	X	
96	I	Conduit Damaged – cable pole conduit damage	Make temp repairs if possible. F/U fix by crew 	X	
98	I	Conduit Not Strapped Down	Secure conduit if possible. F/U fix by crew 	X	
150	R	Other Reliability, no applicable code	F/U as required	X	
201	I	Pole Steps Lower than 10ft. or above a walkable surface	Remove step(s) below this height 	X	
203	I	Damaged/Missing Visibility Strips – required on state hwy.	Install/replace visibility strips as appropriate 	X	
206	I	Damaged/Missing Pole Hardware	F/U fix by crew; replace damaged/missing hardware	X	X
207	I	SDG&E Leaning Pole or Potential Overload – leaning 10° from center or appear to require guying, anchoring, or reinforcement and/or showing signs of bowing/distortion.	Stand-by as appropriate/ F/U fix by crew.	X	X
208	R	Tags missing (PN sign) – only if PN cannot be dist by other means	F/U fix by crew; install PN sign on primary neutral	X	
209	I	Foreign Attachment/Unauthorized Equipment i.e. antenna, signs, posters, etc.	Remove attachment / F/U by crew as required Take pic(s).  	X	
218	I	Private Property Caused Pole Inaccessible i.e. locked gate, animal, material stacked or structure built around pole.	Fix on site if object is removable. If issue cannot be resolved, take pic(s) and F/U appropriately. Code will remain pend until inspected.  	X	X
219	I	SDG&E/Vegetation Caused Pole Inaccessible or Cannot Locate Inaccessibility can occur due to river, lake, terrain or vegetation that prevents access.	Fix on site if object is removable. For Veg, leave door hanger & remove bottom portion or obtain signed remove card. Code will remain pending until inspected. Take pic(s) & F/U appropriately.  	X	X
220	R	Guy Buried – anchor rod eye is 6" or less above ground	Uncover if possible. F/U by crew as needed 	X	
225	I	Private Property Climbing Space Obstruction refer to OH Standard 251-261 for allowable climbing space obstructions; GO 95 allows quadrant climbing space up through the CIP level.	Take pic(s) and make note in MDT and F/U appropriately. 	X	
226	I	SDG&E Climbing Space Obstruction – Use when climbing space infraction is caused by SDG&E.	Take pic(s) and make note in MDT and F/U appropriately. 	X	
227	R	Damaged/Missing Warning Signs (Mr. Ouch)	Fix on-site, install 9' from ground level 	X	
228	I	Exposed Conductor – uncovered vertical or lateral runs	F/U fix by crew; replace PVC conduit	X	
230	I	Damaged Ground Molding – ground wires attached to pole are required to be covered throughout length by protective covering.	Make temporary repairs (Make safe) for areas  accessible from the ground on-site. F/U crew to make permanent repairs	X	
231	I	Open/Damaged Ground – broken, burned through, or cut	Stand-by as appropriate	X	X
233	R	Stand-off Pin Missing/Damaged	F/U fix by crew	X	
234	I	Damaged/Missing High Voltage Signs-2 man repair – high volt sign missing from line arms or pole (40" below lowest conductor w/no equipment or 6" below equipment)		X	
235	I	Damaged Arrestor/Insulator/Dead-end – broken or chipped or evidence of burning or flashover		X	X
236	I	Damaged/Missing High Voltage Signs-1 man repair – high volt sign missing from line arms or pole (40" below lowest conductor w/ no equipment or 6" below equipment)		X	
237	I	Oil Leak - leaking oil from any pole mounted equipment	Follow ESP 122 for oil leaks	X	X
238	I	Abandoned Facilities (pole and conductors) - applies to pole and conductors with no future potential use as determined by SPM200.	Note in MDT what is abandoned. Take pic(s).  Ops Asst to follow ESP607 or SPM200.	X	
239	I	Idle Equipment – equipment or hardware not in use	Note in MDT what type of equip is idle.	X	
240	I	Damaged Cutout - broken or chipped or evidence of burning or flashover	F/U fix by crew	X	X
241	I	Damaged Crossarm – severe cracking, evidence of charring, burning, excessive blooming (fiberglass) or severe tracking		X	X
243	I	Damaged Switch – switch or switch components (insulators, switch blade, etc.) are damaged or broken		X	X
244	I	Damaged Switch Gang Operator Mechanism – broken, bent or missing mechanism		X	X
246	I	SDG&E Pole/ Stub Pole Damaged or Broken – include vehicle contact, severe cracking, shell, top, butt rot, charred wood; severe track, wood pecker damage, and/or any excessive build up corrosion (pack-out) or any excessive pitting on Galvanized or Weathered steel poles, and/or excessive blooming (fiberglass poles).	If red tag, note "red tag on pole". F/U fix by crew. Steel poles make sure no veg is in contact w/pole. Clear on site or use code 327 veg F/U. Remove soil in contact to bare steel; should be 12" above the soil line/poly coating. F/U report standing water around steel pole to Eng.	X	X

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Code	Cond	Code Name – Description	On-site Maintenance / Follow-Up Actions	Cycle	
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254	I	SDG&E Insufficient Clearance – if there is not adequate wire to wire clearance or ground to conductor clearances caused by SDG&E	F/U fix by crew. Use Code 262 for low services or Codes 454-460, if CIP caused.	X	X
255	R	Multiple Splices on OH Span of Wire - when there are 3 or more splices i.e. union, compression sleeve, automatic sleeve, etc. on one phase between 2 poles on primary conductors (12kV- 2.4kV).	Note type of splice and quantity of each in MDT. Take pic(s). If there are 5 or more splices, notify district engineer.	X	X
257	R	Overhead Connectors Directly on the Line - (i.e. hot line clamp, parallel groove, split bolts) located on primary wire (12kV- 2.4kV)	Note quantity and type in MDT. F/U crew to install stirrup or wedge connector/ stirrup combination	X	X
258	I	Avian Protection Damaged - or missing on poles w/wildlife symbol in mapping system. Not for identifying new locations.	F/U crew to replace Avian protection	X	X
260	I	Easement Encroachment – buildings, fences, walls, etc.	Notify Land and Claims as appropriate	X	
261	I	Grading Change – construction in proximity of conductors that could result in insufficient clearance	Notify Land and Claims as appropriate	X	
262	I	Low Service <ul style="list-style-type: none"> •over fences -2' (non-walkable), 8' (walkable) •over pedestrian walkways - 10' (residential), 12' (commercial) •over driveways - 12' (residential), 16' (commercial) •over thoroughfares - 18' (centerline), 16' (at curb) 	F/U fix by crew. Use Code 254 for primary and secondary clearances. Take Pic(s) if the customer will be responsible for work and notify Land.	X	
263	I	Private Property Hazardous Condition - that affect SDG&E facilities and not covered by other codes	Describe condition and note private party name, if known, in MDT. Take pic(s).	X	X
264	I	Bare or Wrapped Service – evidence of fraying or weatherproofing is missing. Open wire service is wrapped or touching.	F/U fix by crew	X	
266	I	Foreign Objects i.e. mylar balloons, kites, shoes		X	X
267	I	Damaged Capacitor – bushing show signs of damage or case is swollen or damaged		X	X
268	I	Slack Conductors – Pri or Sec overbuild has greater sag than lower cond (s) or unequal sag of conductors on same span, or inspector determines during windy conditions cond(s) may make contact (slap).		X	X
269	I	Damaged Conductors – broken, severely bent, or severely corroded.		X	X
270	I	Damaged/Missing Guy Guard – twisted, bent, cut, unsecured, or missing	Required on all anchor guys. Fix on-site.	X	
274	I	Guy Grounded – Portion of guys <i>above the insulators</i> are grounded by trees, build, messenger, metal-sheathed cables or other similar objects	Notate what is above insulators in MDT. Take pic(s). F/U fix by crew along with joint meets with CIP or send I/O to Veg Mgmt, as needed.	X	X
276	I	Slack Anchor Guy	F/U fix by crew. Use Code 278 for span guy.	X	X
277	I	Damaged / Missing Guying – includes damage to guy grips, anchors, hardware or guying/anchors required per load calcs.	F/U fix by crew	X	X
278	I	Slack Span Guy	F/U fix by crew. Use Code 276 for anchor guy.	X	X
282	I	Bolt Cover Missing	F/U fix by crew	X	
283	I	Damaged/Missing/incorrect Station Pole ID	Fix on-site. If number is unknown submit GMDT	X	
298	I	Infraction - No Applicable Code	F/U fix by crew	X	X
299	D	No Repairs Needed	No action needed	X	X
318	I	Trees/Veg in Proximity to Primary -18” or closer to primary conductors, and 48” or closer to primary conductors in the FTZ.	For trees/veg, use street address, leave door hanger for affected customers, for veg. removal obtain signed removal card, quantity of trees, use abbreviation key. Record in MDT. Do not send in an I/O.	X	X
319	I	Trees/Veg. Contacting Open Wire		X	X
320	I	Veg in Secondary (SSC/Aerial Cable) - Trim (Heavy Strain or Abrasion Only)		X	X
321	I	Veg in Secondary (SSC/Aerial Cable) - Guard (Heavy Strain or Abrasion Only)		X	X
322	I	Veg in Secondary (SSC/Aerial Cable) - Reroute (Heavy Strain or Abrasion Only)	Call in emergencies (i.e., tree in contact or occasional contact with primary voltage conductor) to Veg Mgmt Help Desk – 858-654-8608.	X	X
323	I	Veg in Service - Guard (Heavy Strain/Abrasion Only)		X	X
324	I	Veg in Service - Slack (Heavy Strain/Abrasion Only)		X	X
325	I	Veg in Service - Reroute (Heavy Strain/Abrasion Only)	Repairs completed by Veg Mgmt.	X	X
326	I	Veg in Service - Trim (Heavy Strain/Abrasion Only)		X	X
327	I	Vegetation Climbing Space Obstruction or any vegetation is in contact with Galvanized or Weathering steel pole.		X	
332	I	Veg in Guy - Heavy Strain or Abrasion		X	X
402	I	CIP Climbing Space Obstruction – One quadrant climbing space	Note CIP and equip type, take pic(s). Use code 225	X	

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				OHVI	QC
		allowed up through CIP level per GO 95	for private prop, 226 for SDG&E, or 327 for Veg. ⓐ		
407	I	CIP Owned Pole Leaning or Potential Overload – Use on J suffix pole w/more than 10° from vertical (i.e. 7' off center for 45' pole) or poles that appear to require guying, anchoring, or reinforcement and/or showing signs of bowing/distortion. Also use code to I.D. <i>CIP only pole 3 spans away</i> that are adversely affecting SDG&E pole.	Note action taken if any, details, CIP name, and take pic(s). ⓐ	X	X
408	I	CIP Anchor required on SDG&E Owned Pole - That confirm after loading analysis that the respective CIP needs to only anchor	This is a F/U condition code only. ⓐ Not available to field inspectors.		
409	I	SDG&E Pole requires Replacement due to confirmed CIP Damage - confirmed after loading analysis that the respective CIP has damaged SDG&E owned pole and a change out is required.	This is a F/U condition code only. ESP 149 should be followed. ⓐ Not available to field inspectors.		
420	I	CIP Wire Heavy Strain/ Abrasion due to Vegetation - Heavy strain on CIP conductors that has a potential to affect pole loading and electric conductor stability.	Note action taken if any, details, CIP name, and take pic(s). ⓐ	X	X
438	I	CIP Not Transferred to New Pole - Non-Immediate Transfer Required	Note the CIP name, details, and take pic(s). ⓐ	X	
439	I	CIP Not Transferred to New Pole – Immediate Transfer Required. Use this code if it is a critical condition only.	Note action taken if any, CIP name, details, and take pic(s). ⓐ	X	X
446	I	CIP Owned Pole or Stub Pole Damaged, Broken, or Abandoned	Note action taken, CIP, details on damage, and take pic(s). ⓐ	X	X
454	I	CIP Insufficient Clearance between Primary Wire and CIP Wire - there is insufficient clearance on pole or mid-span less than 6'	Note location: at midspan or at pole, CIP, measurement, and take pic(s). ⓐ	X	X
455	I	CIP Insufficient Clearance Midspan between Open Wire Secondary and CIP Wire - when clearance less than 4'	Note pole to pole number of condition, CIP, description, measurement, and take pic(s). ⓐ	X	X
456	I	CIP Insufficient Clearance at Pole between Open Wire Secondary and CIP Wire - when clearance less than 4'	Provide the CIP, measurement, description, and take pic(s). ⓐ	X	X
457	I	CIP Insufficient Clearance at Weatherhead between Open Wire Secondary and CIP Wires - when there is insufficient clearance at the weatherhead less than 1'	Provide the CIP, measurement, address of weatherhead location, and take pic(s). ⓐ	X	X
458	I	CIP Insufficient Clearance between SDG&E Insulated Wires and CIP Wires - (a) on pole no less than 4' from triplex sec. require guard arm; (b) mid-span with triplex sec; (c) from primary cable riser opening; (d) from sec cable riser opening; (e) at weatherhead-triplex	Note the location of the condition: at midspan, pole, or weatherhead. Provide the CIP name, measurement, description, and take pic(s). For CIP contact above insulator, use code 274. ⓐ	X	
459	I	CIP Insufficient Ground Clearance CIP Wires - Vehicular Traffic - Use for (a) pole to pole CIP ground clearance or (b) pole to building CIP ground clearance, over an area where vehicles can or do travel and that could snag SDG&E wires.	Note action taken if any, details on location, measurement, CIP, and take pic(s). ⓐ	X	X
460	I	CIP Insufficient Ground Clearance CIP Wires – Non-Vehicular Traffic - if line can be reached by pedestrians who could pull on wire, and cause poles to move and could jeopardize SDG&E equipment, should be elevated to Safety Hazard Code 459.	Note action taken if any, details on location, measurement, CIP, and take pic(s). ⓐ	X	
464	I	CIP Lashing Wire Broken/Loose - Lashing wire is used to support CIP wire and can become unraveled creating the potential to contact SDG&E lines or equipment.	Note action taken if any, details on location/condition, CIP, and take pic(s). ⓐ	X	X
465	I	CIP Equipment /Wires Hanging Loose - Not Secured - CIP wires and junction boxes hanging loose and unsecured with the potential to contact SDG&E lines/ equipment or could pose a public threat.	Note action taken if any, details on location/ situation in field, CIP, and take pic(s). ⓐ	X	X
466	I	CIP Wires Hanging Loose - Temp Secured - if inspector found the equipment already secured or temporarily secures the loose wire (staple, strap, etc.) on pole, use this code instead of code 465.	Temporarily secure loose wires if job class allows. Note action taken if any, details on location/ situation in field, CIP, and take pic(s). ⓐ	X	
481	I	Pole replacement from POIN	This is a F/U condition code only. Not available to field inspectors.		
600	R	Yellow Tag on Pole (pole reinforcement recommended)	If pole reinforcement is installed, yellow tag can be removed, collect date stamp on tag. F/U with Supervisor or Wood Pole Contract Administrator for status of pole reinforcement.	X	

Condition Abbreviations: I – Infraction, R – Reliability, D – Discretionary

Vegetation Abbreviation Key

Type: Eucalyptus – EU#, Palm – PA#, Pine – PI#, Oak – OA#, Other – OT#, Qty – Quantity (#)

Access: Back lot – BL, Backyard – BY, Truck Access – TA **Special instructions:** Removal Required – RR, Stump Grinding Required – SG, Door Hanger Left – DH, Authorization Card Left – AC, Customer Contact – CC