

Table of **Overhead** Component Codes

	CD	Component	CD	Component	CD	Component	CD	Component	CD	Component	CD	Component
S t r u c t u r e & F o o t i n g s	AAA	aerial number(s)	AAK	bridge	AAQ	hardware	AAV	shieldwire attachm't point	ABP	stub pole - wood	ABE	tower-bridge
	AAB	aerial number bracket(s)	AAL	cross arms	AAW	pin(s)	ABL	signs-danger	ABW	switch - arcing horn	ABC	tower-complete
	AAC	anchor rods	AAM	crown/cap	ACD	pole butt	ABM	signs-high voltage-at top	ABT	switch - contacts	ABF	tower-goathead
	ABZ	anchor rod ext.	ACP	CP Aerial lights	ABX	pole top ext.	ABH	sign-warning(with man)	ABA	switch (complete)	ABG	tower-K section
	AAD	anti-climb barrier	AAN	FAA lights	ABY	pole top	AAX	step bolt(s)	ABB	switch handle	AAT	tower-leg(s)
	AAF	bird discourager	AER	non-FAA Aerial lights	ABQ	reflectors - bottom set	ACB	steps-wood pole	ABU	switch-control (SCADA)	ACA	member
	AAG	bolt(s)	AAO	guy wire - anchor	ABR	reflectors - middle set	AAZ	structure number	AAR	tieline identification tags	ABJ	complete steel pole
	AAH	bond wire	ABN	guy wire - OH	ABS	reflectors - top set	ABV	stub pole - anchor guy	AAE	tower-batter plate(s)	ABK	complete wood pole
	AAJ	brace(s)	AAP	guy wire guards	ACC	Repair Kit	ABO	stub pole - steel	ABD	tower-body	AFR	Fiberglass Rod
	BAA	area around footer(s)	BAC	footings (complete)	BAE	anchor rod ground wire	BAJ	pole ground (wire)	AFP	Preform	ABI	other (specify)
BAB	concrete	BAD	ground grid taps	BAG	stub angles	BAI	soil barrier			CCC	Customer Complaint	
R o w	CAA	area around span	CAC	area around structure	CAE	right-of-way (total)	CAG	gate(s)	CAJ	fence		
	CAB	area underneath span	CAD	area under structure	CAF	access road	CAH	locks				
I n s u l a t o r s & A s s e m b l y	DAA	cold end bolt(s)	DAI	hot end bolt(s)	DAQ	corona ring(s)	DAW	ins-69kV Ceramic Post			DBO	ins-Terminal-69kV
	DAB	cold end clevis pin	DAJ	hot end clevis pin	DAR	ins-Ceramic-Std 20K	DBR	ins-138kV Ceramic Post	DBG	ins-NCI-69kV	DBP	ins-Terminal-138kV
	DAC	cold end clevis / shackle	DAK	hot end clevis/shackle	DAS	ins-Ceramic-Std 30K	DBS	ins-230kV Ceramic Post	DBI	ins-NCI-138kV	DBQ	ins-Terminal-230kV
	DAD	cold end cotter key(s)	DAL	hot end cotter key(s)	DAT	ins-Ceramic-Std 40K	DAZ	ins-Post NCI (Long) 69kV	DBY	ins-NCI-138kV w/Corona	DBV	NCI-Terminal-69kV
	DAE	cold end link(s)	DAM	hot end link(s)	DAU	ins-Ceramic-Std 50K	DBA	ins-Post NCI (Short) 69kV	DBJ	ins-NCI-230kV	DBW	NCI-Terminal-138kV
	DAF	cold end nut(s)	DAN	hot end nut(s)	DAV	ins-Ceramic-15K pin/clevis	DBZ	ins-Post NCI - 115kV	DBL	ins-Ceramic-Fog 20K	DBX	NCI-Terminal-230kV
	DAG	cold end pin(s)	DAO	hot end pin(s)			DBT	ins-Post NCI - 138kV	DBM	ins-KPF 69 Switch	DBB	suspension assembly
	DAH	cold end yoke plate	DAP	hot end yoke plate			DBU	ins-Post NCI - 230kV	DBN	ins-KPF 138 Switch	ABI	other (specify)
S h i e l d w i r e & S p l i c e & R e s t r i c t o r s	EAA	aerial marker sphere(s)	EAE	armor rod/preform strand	DBF	ins-shieldwire-heavy	EAO	strain clamp nut(s)	EAT	shoe/clevis cotter key	EAX	wire strand(s)
	EBA	armor rod	EAG	damper (complete)	EAL	jumper (complete)	EAP	strain clamp U-bolt(s)	EAU	shoe/clevis pin/bolt	ABI	other (specify)
	EAB	armor rod/preform d-end	EAK	full-tension splice	EAM	jumper bolt(s) / nut(s)	EAQ	shield wire (complete)	EAV	shoe nut(s)	EBC	hardware
	EAC	armor rod/preform end	DBD	ins-shieldwire-deadend	EBB	jumper - connector	EAS	shoe (complete)	EAW	shoe U-bolt(s)	ESA	Susp Assy
	EAD	armor rod/preform splice	DBE	ins-shieldwire-suspense	EAN	jumper strand(s)	XMR	X Marker	EAZ	tangent clamp		
	FAA	"hairpin" spacer	FAB	"hairpin" strand(s)	FAC	"hairpin" strand end(s)	ABI	other (specify)	FAE	bolted spacer		
C o n d u c t o r	GCC	Communication Cable	GAG	conductor weight(s)	GAO	jumper bolt(s) / nut(s)	GAU	strain clamp nut(s)	GBA	post ins.clamp(angle)nut	GBG	shoe pin/bolt
	GAB	armor rod	GAH	connectors	GAP	jumper strand(s)	GAV	strain clamp U-bolt	GBB	post ins.clamp(angle)bolt	GBH	shoe U-bolt(s)
	GAC	armor rod end(s)	GAI	damper (complete)	GAQ	lightening arrestors	GAW	suspension shoe nut(s)	GBC	shoe (complete)	ABI	other (specify)
	GAD	armor rod strand(s)	GBO	fiber optic	GAR	preform strand(s)	GAX	suspension shoe U-bolt	GBD	suspens'h shoe-complete	GBJ	Surge protector-4kV
	GAE	conductor (complete)	GAM	full-tension splice	GAS	preform strand end(s)	GAY	post insulator clamp nut(s)	GBE	shoe cotter key	GCC	Communication Cable
	GAF	conductor strand(s)	GAN	jumper (complete)	GAT	repair (split) sleeve	GAZ	post insulator clamp bolt	GBF	shoe nut(s)	HAA	insulator/structure join

Table of Overhead and Underground Condition Codes

Overhead and Underground CONDITION CODES										
CODE	Condition	CODE	Condition	CODE	Condition	CODE	Fault Patrol Codes	CODE	Action Required	
001	abrasion	084	isolating insulators-install	074	twisted			301	Brushing Assessment Required	
002	backed out / off	091	isolating insulators-remove	092	unreadable	201	Airplane	305	Grounding Assessment Required	
003	bent	090	leaking	075	unwrapping	202	Balloon-Mylar	306	Installation Assessment Required	
004	birdcaged	039	leaning / tilted	076	upside down	203	Balloon-Rubber	314	Mowing Assessment Required	
005	bird droppings	040	lightning strike	077	vandalism	204	Bird	313	Painting Assessment Required	
006	blackening	041	loaded improperly	078	vegetation overgrown	205	Bird Nest	307	Reinforcing Assessment Required	
007	blocked, no access	042	loose	079	vibration	206	Crane	308	Removal Assessment Required	
089	blown	044	mis-aligned / pulled	080	vines	207	Crew contact	309	Replacment Assessment Required	
008	broken	045	missing	081	woodpecker hole(s)	208	Faulty Equipment			
085	bulbs burned out	046	moved / slid	082	worn	209	Kite			
009	chipped	047	nicked / scarred	083	wrong size	211	Shield Wire-broken	315	HRFA Assessment Required	
010	clearance-insufficient	088	not fully closed	087	3 guys / 1 rod	212	Vehicle contact	235	Flagger Required	
011	contamination (specify)	048	not seated	043	non standard lock	213	Wire contact	401	GIS Update Needed	
012	corona damage	049	not sheared	094	Not in use.					
013	cracked	050	not visible	095	Not in use.	CODE	<u>Underground codes</u>			
		051	on top (facing up)	096	Not in use.					
015	damaged	052	on bottom (facing down)	097	Not in use.	220	CABLE CREEPAGE			
016	danger (specify)	086	open	098	Not in use.	221	DIG IN			
017	deformed	053	other (specify)	099	NO PROBLEM FOUND	222	LOW GAS			
018	deterioration	093	out of adjustment	100	Patrol Insp Required	223	NITROGEN PRESS.LOW			
019	disconnected					224	OIL LEAK			
020	drainage	055	paint / paint droppings	CODE	<u>Action Required</u>	225	OIL PRESSURE LOW			
021	earth - covered with			102	climbing insp. needed	226	RAISING REQUIRED			
022	earth - washed out	057	pinched	103	grading required	227	SPLICE FAILURE			
023	encroachment (specify)	058	plugged	104	greasing needed	228	WARPED			
024	evidence of tracking	059	punctured	109	replacement needed	229	WATER IN VAULT			
025	exposed	060	rotten	110	tagging required	113	PAINTING REQUIRED			
026	faded	061	rust (light)	111	trimming required	231	TAPE			
027	fallen	062	rust (medium)	112	washing needed	232	LEAD			
028	fire damage	063	rust (heavy)	115	Maintenance required					
029	flashed	064	spacer-induced damage	116	Key Override req'd	234	GPS REQUIRED			
030	foreign object (bird's nest)	065	split	117	Assessment Required					
031	foreign object (specify)	066	stripped threads	120	Walking Path Required					
		067	submerged	121	Ground Line Insp Required - Office Use Only					
033	gunshot	068	tight (1/4 turn or less)	122	Tree removal assessment required					
034	"hands-on" recommended	069	VeryTightNoMovement	123	Trim vegetation away from Transmission Lines					
035	heat damage	070	top viewed only	124	Trim for inspection					
036	improper sag			125	Clear vegetation from access road					
037	installation-improper	072	trash / debris						Gray = number out of sequence.	
038	installation-non standard	073	trees too close						Yellow = New condition on this revision.	