



Inspection Correction Notice

PROJECT NAME: _____ DATE: _____

JOB#: _____

INSPECTOR: _____ CORRECTION NOTICE # _____

CONTRACTOR: _____

CONTRACTOR ACKNOWLEDGEMENT (INITIAL) _____

LIBERTY UTILITIES STANDARD VIOLATION OR DEFICIENT CONDITION:

CORRECTION REQUIRED:

Final Acceptance by LU Inspector /date:

NOTICE: Please note all correction notices shall be closed and approved by IOR prior to final project acceptance. Contractor final payment and schedule may be impacted. Liberty Utilities is not responsible for loss in production or schedule impacts due to deficient work or standards violations.

PLEASE coordinate all inspection with Liberty IOR or PM 48-HOURS IN ADVANCE OF INSPECTION.
This form is to be maintained by LU's Inspector and placed in project job folder on the X drive in addition to the onsite project folder. At the completion of the project they will be filed with "as built" drawing for permanent record.



JOB HAZARD ANALYSIS (JHA)

JOB ORDER NUMBER: _____

CIRCUIT / LINE NAME: _____

PRIMARY V: _____ SECONDARY V: _____

INSTALLATION DATE: _____

ADDRESS: _____

SUPERVISOR / FOREMAN: _____

WORK TYPE: EMERGENCY MAINTENANCE CAPITAL
(SELECT ALL THAT APPLY)

CREW: LIBERTY CONTRACTOR: _____

SWITCHING / ORDER NUMBER: _____

DETAILED JOB DESCRIPTION (REFERENCE DESIGN PACKAGE): _____

STEP 1: [SUPERVISOR / FOREMAN] PLEASE SELECT ALL THAT APPLY

PERMITS / CLEARANCES:

- ENVIRONMENTAL
- VEGETATION
- CALTRANS / LU TRANS
- LAND / ROW
- TRAFFIC CONTROL / FLAGGING
- LOCATES (811)
- CUSTOMER CONTACT
- OTHER: _____

PPE:

- HARD HAT
- SAFETY GLASSES
- HEARING
- BOOTS
- FR CLOTHING
- GLOVE TYPE:
 - CLASS 0 (RED)
 - CLASS 1 (WHITE)
 - CLASS 2 (YELLOW)
 - CLASS 3 (GREEN)
 - CLASS 4 (ORANGE)
- FACE SHIELD
- OTHER: _____

EMERGENCY EQUIPMENT:

- FIRE EXTINGUISHER
- EVACUATION ROUTE
- REPORTING AREA
- FIRST AID KIT
- OTHER: _____

FALL PROTECTION:

- SAFETY HARNESS
- LIFELINE
- MAN BASKET
- PROPER ANCHORAGE POINT
- INSPECTION
- OTHER: _____

EXCAVATIONS:

- PROPERLY BARRICADED
- SHORING / SLOPING / BENCHING
- PROPER ACCESS
- INSPECTION
- OTHER: _____

ENVIRONMENTAL:

- CUT / SPILL DISPOSAL
- SPILL PREVENTION MEASURES
- SPILL CONTAINMENT
- STORM DRAINS / DISCHARGE
- CLEAN UP MATERIALS
- OTHER: _____

GENERAL:

- FLAMMABLES – GASES / LIQUIDS
- STRUCK BY
- PINCH POINTS
- SNAGGING
- HEAT STRESS
- ERGONOMICS
- SIGNS
- HOLE COVERS
- SLIPS / TRIP HAZARDS

POLE NUMBER [REMOVED]: _____

POLE NUMBER [INSTALLED]: _____

POLE HEIGHT / CLASS [INSTALLED]: _____

INSPECTION DATE: _____

LAT. / LONG.: _____

LINE INSPECTOR: _____

FIRE THREAT TIER: 2 3 SEE PAGE 2 FOR DETAIL

WEATHER CONDITIONS: _____

EMERGENCY CONTACT: _____

SOURCE SIDE DEVICE (SSD): _____

- HEAVY LIFTING OR AWKWARD
- VISIBILITY
- COMMUNICATIONS (PLAN)
- OTHER: _____

SITE PROVISIONS:

- WATER
- SHADE / AC
- HEATER
- BLANKET / WRAP
- OTHER: _____

CRANE / LIFTING EQUIPMENT:

- CRAWLER CRANE
- HYDRAULIC CRANE
- INSPECTED
- PROPER MAINTENANCE
- COMMUNICATIONS
- OUTRIGGERS EXTENDED
- MANUAL LIFTING EQUIPMENT
- _____
- _____
- PROPER RIGGING PRACTICE
- PERSONNEL PLATFORM
- PRELIFT FORM
- PROPER BARRICADES
- OTHER: _____

HELICOPTER SET:

- SITE INSPECTED
- COMMUNICATIONS
- MANUAL LIFTING EQUIPMENT
- _____
- _____

- PROPER RIGGING PRACTICE
- PERSONNEL PLATFORM
- PRELIFT FORM
- PROPER BARRICADES
- OTHER: _____

EXTENSION LADDER / CLIMB:

- LADDER TIE OFF
- INSPECTED
- TAGGED
- ACCESS
- PROPER LADDER
- OTHER: _____

HUMAN HAZARDS:

- CONFUSION / MIX-UP POTENTIALS
- DISTRACTIONS
- FIRST TIME EVOLUTION
- WORKING AFTER LONG BREAKS
- LACK OF EXPERIENCE
 - GROUNDMAN
 - NEW CREW
 - APPRENTICE

NAME(S): _____

 OTHER: _____

EMERGENCY CONTACT LIST:

911 – POLICE, FIRE, MEDIC
LINE INSPECTOR:
PROJECT MANAGER:



JOB HAZARD ANALYSIS (JHA)

STEP 2: VISITOR / CREW SIGN-IN (ATTACH [BLANK] PAGE FOR ADDITIONAL SPACE)

VISITOR(S)		CREW		INITIAL (SCOPE / CHANGE ONLY)
PRINT NAME	SIGNATURE	PRINT NAME	SIGNATURE	

CONDITION / SCOPE CHANGE: YES N/A (EACH CREW MEMBER MUST INITIAL ABOVE AFTER CHANGE HAS BEEN DISCUSSED)

CONDITION / SCOPE CHANGE DESCRIPTION [SUPERVISOR / FOREMAN]: _____

STEP 3: PERSON IN CHARGE [SUPERVISOR / FOREMAN]

AS THE PERSON IN CHARGE, I VERIFY THAT MY CREW HAS BEEN THOROUGHLY BRIEFED ON ALL SITE CONDITIONS, SCOPE OF WORK, HAZARDS THAT EXIST, AND I HAVE CLEARLY DEFINED THE ROLES AND RESPONSIBILITIES OF ALL PERSON(S) ON MY SITE. I HAVE ADEQUATELY PROVIDED ALL PPE REQUIRED & EQUIPMENT REQUIRED TO SAFELY PERFORM ALL ASPECTS OF THIS PROJECT. ALSO, I AGREE TO IMMEDIATELY STOP ALL OPERATIONS AT THE FIRST SIGN OF PROJECT CHANGES AND / OR ISSUES THAT ARISE.

PRINT NAME	SIGNATURE

STEP 4: POST JOB BRIEF – COMPLETED AT END OF EACH WORKDAY [SUPERVISOR / FOREMAN]

PROJECT COMPLETED: YES NO

GENERAL COMMENTS / TASKS TO BE COMPLETED: _____

HIGH FIRE THREAT DISTRICT (HFTD) DESCRIPTION: (FOR GREATER DETAIL [CPUC HFTD HYPERLINK](#))

- HFTD 3 – EXTREME RISK**
SERVICE AREAS: SOUTH LAKE TAHOE BETWEEN MEYERS - STATELINE SUBSTATION [ALONG PIONEER TRAIL] & BETWEEN PROSSER HILL & TRUCKEE
- HFTD 2 – ELEVATED RISK**
SERVICE AREAS: ALL AREAS NOT LISTED ABOVE SHOULD BE CONSIDERED ELEVATED RISK (HFTD 2)



G.O. 95 CHECKLIST

JOB ORDER NUMBER: _____

POLE NUMBER [REMOVED]: _____

CIRCUIT / LINE NAME: _____

POLE NUMBER [INSTALLED]: _____

PRIMARY V: _____ SECONDARY V: _____

POLE HEIGHT / CLASS [INSTALLED]: _____

INSTALLATION DATE: _____

INSPECTION DATE: _____

ADDRESS: _____

LAT. / LONG.: _____

SUPERVISOR / FOREMAN: _____

LINE INSPECTOR: _____

WORK TYPE: EMERGENCY MAINTENANCE CAPITAL

FIRE THREAT TIER: 2 3 SEE PAGE 2 FOR DETAIL

(SELECT ALL THAT APPLY)

WEATHER CONDITIONS: _____

CREW: LIBERTY CONTRACTOR: _____

EMERGENCY CONTACT: _____

SWITCHING / ORDER NUMBER: _____

SOURCE SIDE DEVICE (SSD): _____

DETAILED JOB DESCRIPTION (REFERENCE DESIGN PACKAGE): _____

THE G.O. 95 CHECKLIST SHALL BE REQUIRED OF THE INSPECTOR AND QA/QC SPECIALIST. PLEASE CHECK ALL THAT APPLY & CIRCLE OPTIONS AS APPROPRIATE; UNCHECKED BOXES SHALL BE CONSIDERED "NOT APPLICABLE".

WORKMANSHIP:

EXCESS MATERIAL & LITTER REMOVED (CIRCLE ONE): YES NO

*EXCESS SPOIL & FILL MUST BE PROPERLY DISPOSED – NON-COMPLIANCE WILL RESULT IN FINE.

PROPERTY DAMAGE REPAIRS (CIRCLE ALL THAT APPLY):
RESEED SOD FENCE LANDSCAPE OTHER

COMMENTS: _____

- CLEARANCES MAINTAINED BETWEEN CONDUCTORS & OTHER EQUIPMENT
- VIBRATION DAMPERS INSTALLED [AS REQUIRED]
- CLEARANCES MAINTAINED TO CENTERLINE OR POLE
- TIE RODS INSTALLED [AS REQUIRED]
- CONDUCTORS TIED/CLAMPED SECURELY TO INSULATORS

COMMENTS: _____

HIGH VOLTAGE SIGNAGE:

- MARKED WITHIN 40" OF PRIMARY OR RISER
- SIGN TYPE (CIRCLE ONE): POLE WRAP SIGN
- CROSSARM(S) MARKED FRONT & BACK [OUTSIDE ON DOUBLE-ARMS]

COMMENTS: _____

EQUIPMENT RACKS

- ALL APPARATUS SECURELY ATTACHED
- GROUNDING CONDUCTORS ROUTED & ATTACHED SECURELY
- LEADS MAINTAIN PROPER CLEARANCES
- 24" OF VERTICAL CLEARANCE TO TANGENT PRIMARY

COMMENTS: _____

FRAMING DETAILS:

LIST APPLICABLE STANDARDS: _____

CROSSARM(S)

- HARDWARE TIGHT
- BRACES – PROPER CLEARANCE TO ADJACENT HARDWARE (1.5" MIN.)
- THROUGH BOLTS CLEAR OF PINS AND DEADENDS (1.5" MIN.)
- PROPER SEPARATION BETWEEN CIRCUITS

COMMENTS: _____

TRANSFORMER(S)

- NO CASE GROUND ON 3-WIRE SYSTEMS
- TIGHT HARDWARE
- SECONDARY DRIP LOOPS
- STANDOFF PINS & INSULATORS INSTALLED [AS NEEDED]
- BOLTS COVERS
- BUSHING COVERS
- PROPER CLEARANCE FROM PRIMARY
- PROPER CLEARANCE FROM SECONDARY

COMMENTS: _____

BONDING

- CLEARANCE TO HARDWARE (1.5" MIN.)
- PRIMARY CONNECTIONS PROPERLY BONDED
- SECONDARY CONNECTIONS PROPERLY BONDED
- STIRRUPS, HOTLINE CLAMPS, AND LEADS SECURELY FASTENED

COMMENTS: _____

SECONDARY

- SECONDARY TYPE (CIRCLE ONE):
DUPLEX TRIPLEX OPEN WIRE GRAY WIRE
- PROPER GROUNDING OF NEUTRAL CONDUCTOR
- PROPER TENSIONING
- DOUBLE DEADENDED TO POLE
- ALL CONNECTORS / SPLICES COMPLETE & COVERED APPROPRIATELY
- PROPER CLEARANCES MAINTAINED PER G.O. 95

COMMENTS: _____

PRIMARY

- CLEARANCES MAINTAINED TO CENTERLINE OR POLE
- CLEARANCES MAINTAINED ABOVE GROUND / NEUTRAL



G.O. 95 CHECKLIST

CUSTOMER SERVICE (SECONDARY)

- NUMBER OF SERVICES (FROM POLE): _____
- SERVICE TYPE (CIRCLE ALL THAT APPLY):
 OVERHEAD UNDERGROUND BOTH
- TREE ATTACHMENT(S) (CIRCLE ONE): YES NO
- CUSTOMER TYPE (CIRCLE ALL THAT APPLY):
 INDUSTRIAL COMMERCIAL RESIDENTIAL

METER NUMBERS: _____
 COMMENTS: _____

GROUNDING

- GROUND WIRE SECURELY STAPLED TO POLE
 - GROUND ROD MINIMUM 12" DEEP
 - 2ND GROUND ROD (DELTA SYSTEMS): YES NO
 - GROUND ROD MINIMUM 24" FROM POLE
 - PARALLEL RODS SEPARATED MINIMUM 6' APART
 - GROUND ROD FOR ARRESTERS SEPARATED FROM TRANSFORMER SECONDARY GROUND ROD BY MINIMUM 20" (WYE SYSTEMS)
 - IF USED, BARE #4 PARALLEL TO THE GROUND BURIED AT MINIMUM OF 18"
- COMMENTS: _____

GUYING

- GUY MARKER INSTALLED ON OUTERMOST GUY
 - PROPER TENSION [DOWN & SPAN GUYS]
 - SECTIONALIZING LINK INSTALLED BETWEEN 6' & 9' OF POLE ATTACHMENT
 - SLACK SPAN (CIRCLE ONE): YES NO
 - PROPER CLEARANCE MAINTAINED UNDER SPAN GUYS
 - ABANDONED ANCHORS CUT-OFF BELOW GRADE
 - EXISTING ANCHOR REUSED (CIRCLE ONE): YES NO
 - NEW ANCHOR(S) INSTALLED MINIMUM 2' FROM EXISTING / REMOVED
- COMMENTS: _____

RISERS

- PROPER RISER EQUIPMENT ARM INSTALLED
 - CONCENTRIC GROUNDS WOUND & TIED TO POLE GROUND
 - "HIGH VOLTAGE" SIGN WITHIN 40" OF TERMINATIONS FOR PRIMARY
 - ARRESTERS INSTALLED & GROUNDED
 - RISER CONDUIT SECURED TO POLE ADEQUATELY
 - METAL SWEEP WITH PROPER FITTING TO RISER AT BOTTOM OF POLE
 - PRIMARY RISER TAG INDICATES VOLTAGE & FIRST SECTIONALIZING POINT
 - SECONDARY RISER TAG INDICATES DISTANCE & DIRECTION TO FIRST SPLICE BOX
- COMMENTS: _____

COMMUNICATIONS

- COMMS TRANSFERRED TO POLE (CIRCLE ONE): YES NO
 - CLEARANCE TO ENERGIZED LINES (MINIMUM 40")
 - SPACING BETWEEN COMMS MINIMUM 12"
 - NUMBER OF COMMS ATTACHMENTS: _____
- COMMENTS: _____

MISCELLANEOUS

- CLIMBING: NO OBSTRUCTIONS [OTHER THAN THOSE ALLOWABLE BY G.O. 95]
 - RAPTOR GUARDS INSTALLED CORRECTLY
 - SWITCH HANDLES MINIMUM 15" ABOVE GRADE
 - OVERHEAD EQUIPMENT SECURED AND LOCKED
 - ANTI-SPLIT BOLT INSTALLED WITH SQUARE WASHERS
 - JUMPER COVERS
 - CUTOUT COVERS
 - FAULT TAMERS
- COMMENTS: _____

VEGETATION MANAGEMENT:

- 15' CLEARANCE OF TREES FROM PRIMARY
 - CHECKED AND REMOVED SECONDARY DAMAGE FROM ABRASION
 - VINES / FOLIAGE REMOVED FROM POLE
 - ANY TREES / VEGETATION INSIDE RIGHT-OF-WAY POSING EMINENT THREAT TO POLE / LINE HAVE BEEN IDENTIFIED & REMOVED
- *PLEASE NOTIFY VEGETATION MANAGEMENT IF TREES OUTSIDE RIGHT-OF-WAY APPEAR TO POSE EMINENT THREAT TO POLE / LINE.*
- COMMENTS: _____

LAND MANAGEMENT:

- GUY(S) REQUIRED (CIRCLE ONE): YES NO
 LEAD DIRECTION (DEGREES): _____
 LEAD LENGTH(S): _____
 ANCHOR WITHIN RIGHT-OF-WAY (CIRCLE ONE): YES NO
 - ENCROACHMENT APPROVAL DATE: _____
 - APPROVING LAND AGENT (LIBERTY): _____
 - GUY(S) INSTALLED PER DESIGN PACKAGE (CIRCLE ONE): YES NO
- *IF NO, PLEASE CONTACT RANDY MEYER (LAND SURVEYOR) (530) 546-3213*
- WORK PERFORMED OUTSIDE RIGHT-OF-WAY (CIRCLE ONE): YES NO
- IF YES, PLEASE DESCRIBE: _____
- EQUIPMENT INSTALLED OUTSIDE RIGHT-OF-WAY (CIRCLE ONE): YES NO
- IF YES, PLEASE DESCRIBE: _____
- COMMENTS: _____

CLOSEOUT CHECKLIST [ALL ARE REQUIRED]:

- AS-BUILT ATTACHED
 - CONSTRUCTION SKETCH
 - BOM
- PHOTOS OF NEW CONSTRUCTION & WORK ZONE
- COPY OF JHA ATTACHED
- PROJECT DOCUMENTATION ATTACHED

QA/QC SPECIALIST - ONLY

- DOES THIS PROJECT REQUIRE CORRECTIVE ACTION? YES NO
- IF YES, PLEASE DESCRIBE INFRACTION IN DETAIL:

- IF YES, IS NEW G.O. 95 CHECKLIST REQUIRED? YES NO
- IF YES, IS QA/QC REQUIRED AGAIN? YES NO

SIGNATURES:

INSPECTOR: _____

QA/QC SPECIALIST: _____

HIGH FIRE THREAT DISTRICT (HFTD) DESCRIPTION: (FOR GREATER DETAIL [CPUC HFTD HYPERLINK](#))

HFTD 3 – EXTREME RISK
 SERVICE AREAS: SOUTH LAKE TAHOE BETWEEN MEYERS - STATIONLINE SUBSTATION [ALONG PIONEER TRAIL] & BETWEEN PROSSER HILL & TRUCKEE

HFTD 2 – ELEVATED RISK
 SERVICE AREAS: ALL AREAS NOT LISTED ABOVE SHOULD BE CONSIDERED ELEVATED RISK (HFTD 2)

Pole/Structure Inspection Sheet

JOB NAME: _____ JOB# : _____

CONTRACTOR PERFORMING WORK: _____ SUPERVISOR: _____

INSPECTOR: _____

POLE/ STRUCTURE ID#	EXCAVATION DEPTH/ COMPACTION	POLE/STRUCTURE FRAMING	ANCHORAGE/ SUPPORT	STRAPPING/STAPLING OF CONDUCTORS OR RACEWAYS	ACCEPTANCE DATE	INSPECTOR APPROVAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)

(1) The field ID number from drawings.
(2) IOR to mark approved with "X" or check mark
(3) IOR to mark approved with "X" or check mark
(4) IOR to mark approved with "X" or check mark
(5) IOR to mark approved with "X" or check mark
(6) IOR to list date of final acceptance all work is acceptable and no Correction notices are outstanding .
(7) IOR to sign or initial approval acceptance