SNGE				
A Sempra Energy [*] utility ELECTRIC ST	ANDARD PRACTICE	No. 61	2 Page 1	of 6
DIVISION DISTRIBUTION OPERATIONS	ELECT. DISTRIBUTION SERVIC	CES	APRIL 12, 2017	
CORRECTIVE MAINTENANCE	•			
DISTRICT INTERNAL QUALITY	ASSURANCE AUDITS			
and compliance to the establis uniform set of procedures for I	ible for auditing CMP inspections and fo hed program. The purpose of this Stan District Internal Quality Assurance Audir action, documentation, field review, and	idard Prac ts and will	ctice is to provide a lalso define the	lity
2. <u>APPLICABILITY</u>				
3. <u>DEFINITIONS</u>				
3.1. SAP WM – Systems Application	ons & Products Work Management			
3.2. CMP – Corrective Maintenanc	e Program			
3.3. PM – Program Management				
3.4. CPUC – California Public Utilit	y Commission			
3.5. GO – General Order				
4. <u>PROCEDURE</u>				
	NDERGROUND QUARTERLY AUDIT ctor ID shall be audited at a rate of 1.5 ⁴		nimum of 1 structure.	

- tructure. whichever is greater, for each of the following inspection types: Above Ground Dead-front (AGDF), Above Ground Live-front (AGLF), Subsurface with Equipment (SS3), Subsurface without Equipment (SS10), and Oil and Gas Switches (SW3).
 - 4.1.1.1. Infraction Condition (I), Reliability Condition (R), and Discretionary Conditions (D) will be reviewed for auditing purposes
- 4.1.2. Follow up repairs, excluding repairs made during the inspection, shall be audited at a rate of 1.5% of the total underground infractions repaired each guarter or a minimum of 5 infractions, whichever is greater.

4.2. GENERAL PROCESS FOR OVERHEAD QUARTERLY AUDITS

- 4.2.1.Each quarter, each Inspector ID shall be audited at a rate of 1.5% or a minimum of 1 structure, whichever is greater for Overhead Visual Inspections (OHVI).
 - 4.2.1.1. Infraction Condition (I), Reliability Condition (R), and Discretionary Conditions (D) will be reviewed for auditing purposes
- 4.2.2. Follow up repairs, excluding repairs made during the inspection, shall be audited at a rate of 1.5% of the total overhead infractions repaired each quarter or a minimum of 5 infractions, whichever is greater.

ISSUED BY	APPROVED BY	
LONNY SALDIVAR	GERRY LEHMANN	
		ESP TEMPLATE- Nov2014 / GJC - EDE

A 💋 Sempra Energy" utility	ANDARD PRACTICE	No. 6	
DISTRIBUTION OPERATIONS	ELECT. DISTRIBUTION SERV	/ICES	APRIL 12, 2017
CORRECTIVE MAINTENANCE			
DISTRICT INTERNAL QUALITY	ASSURANCE AUDITS		
4.3. PROCESS FOR AUDITING A	ND REPORTING DEFICIENCIES		
Front (AGDF), Above Gro without equipment (SS10) consistent and unbiased o 4.3.1.1. The report can be l Program → CMP Q 4.3.2.District supervision will fie	ocated at <u>http://electricopspmr/</u> unde	with equipn nrough the er reports→ uditing to en	nent (SS3), Subsurface PMR Report to ensure Corrective Maintenance nsure accuracy and quality
128. 4.3.2.1. A structure does no of time and/or resou 4.3.2.2. Please notate the s the inspector by re-r	ot require a field visit if it will cause th rces (i.e. outage, extended permittin tructure on the initial report with a re unning the report and select another ructure the inspector has inspected,	ne district to ig, budget o ason and s r structure.	o use an inordinate amount constraints) to complete. select another structure for
	ted on the quality assurance report a of the quarterly report form for five ye		sed with employees. The
	found by district supervision on the a ernal company established timefram		d be inputted into SAP WM
	eport along with the summary (<mark>See A</mark> than 90 days after the end of the qua		<mark>s</mark>) will be uploaded onto the
4.4. PROGRAM MANAGEMENT F	REVIEW		
4.4.1. <mark>PM</mark> will be checking to en summary and uploaded to	sure each district completed their Qu the CMP SharePoint.	uality Assur	ance Report along with the
5. <u>REFERENCES</u>			
6. <u>REVISION HISTORY</u>			

Effective Date:	Type Of Change	Brief Description of Change				
03/20/2015	Revision	UG Quality Assurance Report Form revised				
4/12/2017	Revision Updated Audit Rate Counts and Procedure; Updated UG Insp Categories; Changed monitoring responsibility; added attachr					
		· ·				
ISSUED BY	LDIVAR	APPROVED BY GERRY LEHMANN				

N	pra Energy" utility			DEPARTM	IENT	PRAC				ECTIVE DATE	age 3 of 6
ST N	RIBUTION OPI	ERATI	ONS	ELE	CT. D	DISTRIE	BUTION	SERVICE	ES A	PRIL 12, 2	017
R		ITEN/	NCE								
		VAL C	UALIT	Y ASS	URA	NCE A	UDITS				
лт	TACHMENTS										
<u> </u>	TACHMENTS				ΑΤΤ	АСНМЕ	ENT A				
		0	verhead	Quality	y Assu	irance l	nspection	ons Repor	t Form		
			CMP Int	ternal Au	idit for t	the _ Qua	rter of 20	<u> </u>			
	Clear All										
											-
	Type of Inspection	Cycle	Inspector ID	Total Fac	Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec.	1.5% Audit minimum 2	# of Condition Codes Reported Inspector	Codes by Confirmed	n Condition Codes	Reported /	
- F	Overhead Visual (OHVI)						-	J Jupy.	Supr.	#VALUE!	-
	Overhead Visual (OHVI) Overhead Visual (OHVI)									#VALUE! #VALUE!	
- F	Overhead Visual (OHVI)									#VALUE!	-
	Overhead Visual (OHVI) Overhead Visual (OHVI)									#VALUE!	-
	Overhead Visual (OHVI)	5 Year									
I	Overhead Visual (OHVI)	5 Year									
					ATT		NT B				
	U	nderg	round (A	AGE) In	spect	ions Qu	uality A	ssurance l	Report For	rm	
				CMP I	nterna	Audit fo	r the _ Qu	uarter of 20_	_		
						Clear	A.II.				
				_		Clear	AII.				
	Type of Inspection		Cycle Ins		Total Fac		5% Audit inimum 2)	# of Condition Codes Reported by Inspector	# of Same Condition Codes Confirmed by Supv.	# of Additional Condition Codes Identified by Supv.	% Score = Reported / Confirmed + Identified
_	ove Ground Deadfront		5 year								
	oove Ground Deadfront		5 year 5 year								
Ab	oove Ground Deadfront	(AGE)	5 year								
	oove Ground Deadfront		5 year								
	oove Ground Deadfront oove Ground Deadfront		5 year 5 year								
_											

JISTRIBUTION OPER CTION CORRECTIVE MAINT IBJECT TITLE DISTRICT INTERNA	ENAM			ice audi			FFECTIVE DATE	2017
CORRECTIVE MAINT	AL QU				TS			
DISTRICT INTERNA		JALITY /			TS			
Unde	ergrou		ATTA					
Unde	ergrou							
	C) Inspectic			e Report F	orm	
			Clear Al	I.				
Type of Inspection	Cycle	Inspector ID	Total Facilities Inspected	1.5% Audit (minimum 2)	# of Condition Codes Reported by Inspector	# of Same Condition Codes Confirmed by Supv.	# of Additional Condition Codes Identified by Supv.	% Score = Reported / Confirmed + Identified
Above Ground Livefront (AGI)	5 year							
Above Ground Livefront (AGI)	5 year							
Above Ground Livefront (AGI)	5 year							
Above Ground Livefront (AGI) Above Ground Livefront (AGI)	-							
			ATTA	CHMENT [)			
Unde	rgrou		B) Inspection Internal Audit		1.	50	Form	
				Clear All				
Type of Inspection	Cycle	Inspector ID	Total Facilities Inspected	1.5% Audit (minimum 2)	# of Condition Codes Reported by Inspector	# of Same Condition Codes Confirmed by Supv.	# of Additional Condition Codes Identified by Supv.	% Score = Reported / Confirmed + Identified
Oil or Gas Switches (SW3)	3 year 3 year			2				
Oil or Gas Switches (SW3)	3 year							
	· ·							
Oil or Gas Switches (SW3)Oil or Gas Switches (SW3)Oil or Gas Switches (SW3)Oil or Gas Switches (SW3)	-							
ISSUED BY	2				ROVED BY	EHMANN		

SION		TRIC		ARD PR	ACTICE		No. 612		age 5 of 6
	OPERA	TIONS	B EL		RIBUTIO	N SERVIC		ective date PRIL 12, 2	2017
CTION							-	,	-
BJECT TITLE	MAINTER	NANCI	=						
DISTRICT INT	ERNAL	QUAI	ITY AS	SURANC	E AUDITS	5			
					HMENT E				
					0 111 4			100.000	
	Under	rgroun				uarter of 20_		m	
			CIVIP	Internal Audi		uarter of 20_	-		
							1		
					Clear All				
				5			# of Same	# of Additional	
						# of Condition Codes	Condition Codes	Condition Codes	% Score = Reported /
		1		Total Facilities	1.5% Audit	Reported by	Confirmed by	Identified by	Confirmed +
Type of Inspe Subsurface w/ Equipme	ection ent (SS3)	Cycle 3year	Inspector ID	Inspected	(minimum 2)	Inspector	Supv.	Supv.	Identified
Subsurface w/ Equipme	ent (SS3)	3 year							
Subsurface w/ Equipme Subsurface w/ Equipme		3 year							
Subsurface w/ Equipme		3 year 3 year							
	Under	TROUD	4 (5510)	nenection	e Quality	Accurance	Doport Ec		
	Under	ground	100		62 9653	Assurance uarter of 20_		orm	
	Under	ground	100		62 9653			orm	
Type of Inspec	tion	Cycle	100		for the Q			# of Additional Condition Codes Identified by Supv.	% Score = Reported / Confirmed + Identified
Type of Inspec Subsurface w/o Equipp Subsurface w/o Equipp	tion nent (SS10)		CMPI	nternal Audit	clear All	# of Condition Codes Reported by	# of Same Condition Codes Confirmed by	# of Additional Condition Codes Identified by	% Score = Reported / Confirmed +
Subsurface w/o Equip Subsurface w/o Equip Subsurface w/o Equip	tion nent (SS10) nent (SS10) nent (SS10)	Cycle 10 Years 10 Years 10 Years	CMPI	nternal Audit	clear All	# of Condition Codes Reported by	# of Same Condition Codes Confirmed by	# of Additional Condition Codes Identified by	% Score = Reported / Confirmed +
Subsurface w/o Equipr Subsurface w/o Equipr	tion nent (SS10) nent (SS10) nent (SS10)	Cycle 10 Years 10 Years	CMPI	nternal Audit	clear All	# of Condition Codes Reported by	# of Same Condition Codes Confirmed by	# of Additional Condition Codes Identified by	% Score = Reported / Confirmed +

				E	No. 612	Page 6 c	of 6
A Sempra Energy [®] utility DIVISION DISTRIBUTION OPERATIO		DEPARTMENT			EFFEC	TIVE DATE PRIL 12, 2017	
			DIGITIED			1112 12, 2017	
SUBJECT TITLE DISTRICT INTERNAL QU			ANCE AUE	DITS			
			TACHMENT Quality A	G ssurance Re	port Form		
CMP Internal Audit for the	_th Qua	rter of 2	_				
Clear Overhead Repairs Table							
			Overhead Repa	irs	# of Same		
Type of Infraction	Cycle	Total Condition Codes Repaired	1.5% Audit (minimum 5)	# of Condition Codes Reported as Repaired in SAP Based on 1%	# of Same Condition Codes Confirmed by Supv. as Repaired	% Score = Confirmed / Reported	
Overhead Visual (OHVI)	5 Year						
Clear Underground Repairs							
Table	1		Underground R	epairs	# of Same		
		Total Condition Codes	1.5% Audit	# of Condition Codes Reported as Repaired in	Condition Codes Confirmed by Supv. as	% Score = Confirmed /	
Type of Infraction	Cycle	Repaired	(minimum 5)	SAP Based on 1%	Repaired	Reported	
Underground	All						
ISSUED BY				GERRY LE		P TEMPLATE- Nov2014 / G	IC - EDE