

T&D Quality Programs

Distribution Performance Meeting
April 27, 2021



Program Performance – BI Dashboard thru March 2021

Header	QC Structures Inspected	P1		P2		P3		2021 YTD		2020		Total	
		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count	Open Count	Overdue Count	Open Count	Overdue Count
Distribution Construction	2,006	2	99.9%	680	73.8%	335	87.5%	602	0	595	573	1,197	573
Transmission Construction	277	0	100.0%	7	97.5%	19	93.5%	7	0	15	15	22	15
Aerial Distribution	0	0	0	0	0	0	0	0	0	8	8	8	8
ODI	2,711	2	99.9%	134	95.4%	235	92.1%	61	0	100	100	161	100
Planning	484	52	91.7%	75	86.2%	133	79.8%	127	0	0	0	127	0
Intrusive	256	0	100.0%	5	98.0%	15	94.5%	4	0	1	1	5	1
Generation Inspections	0	0	0	0	0	0	0	0	0	3	3	3	3
TIMP	167	0	100.0%	2	99.4%	1	99.4%	2	0	0	0	2	0

Other Programs - Not in BI Dashboard

Header	QC Structures Inspected	P1		P2		P3		P1 & P2 Findings	
Program Name		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count
Pole Loading	336	0	100.0%	9	97.3%	0	100.0%	2	0

Distribution Construction – YTD 2021 Results Through March

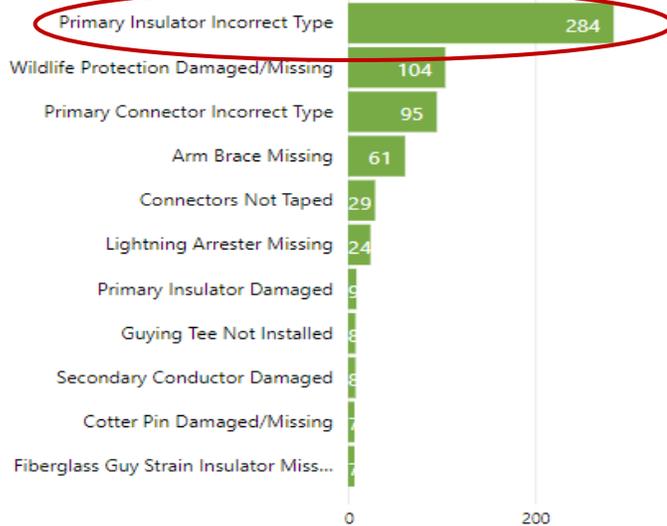
2,006
Total Inspections

Non-Conformances by Priority



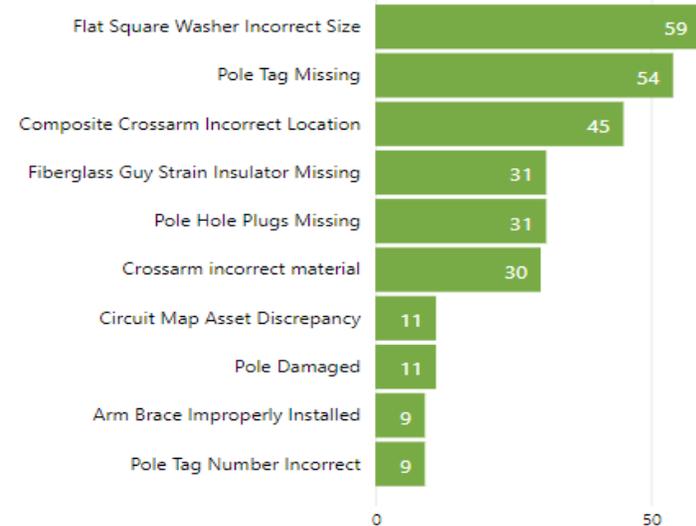
1,477
Pass Total

Top 10 P1 & P2 Finding Categories



529
Potential Non-Conformances

Top 10 P3 Finding Categories



74%
P1 & P2 Total CR%

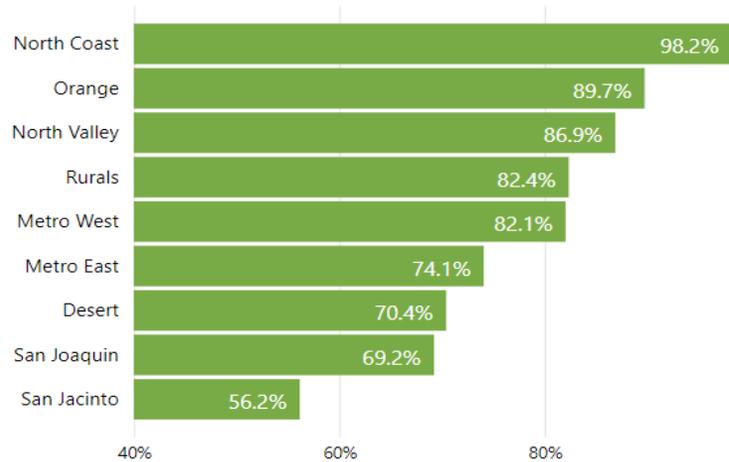
Asset life issue, remediation within 5 years acceptable. Initiated Cause Evaluation, elimination would increase CR score to ~88%

Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	139	13	90.6%	95.0%	0	0	14	14	12	0	11	11
Medium	434	69	84.1%	95.0%	1	0	79	80	65	0	74	95
High	980	263	73.2%	98.0%	1	0	336	337	308	0	128	189
Very High	453	184	59.4%	100.0%	0	0	256	256	250	0	39	43
Total	2,006	529	73.6%		2	0	685	687	635	0	252	338

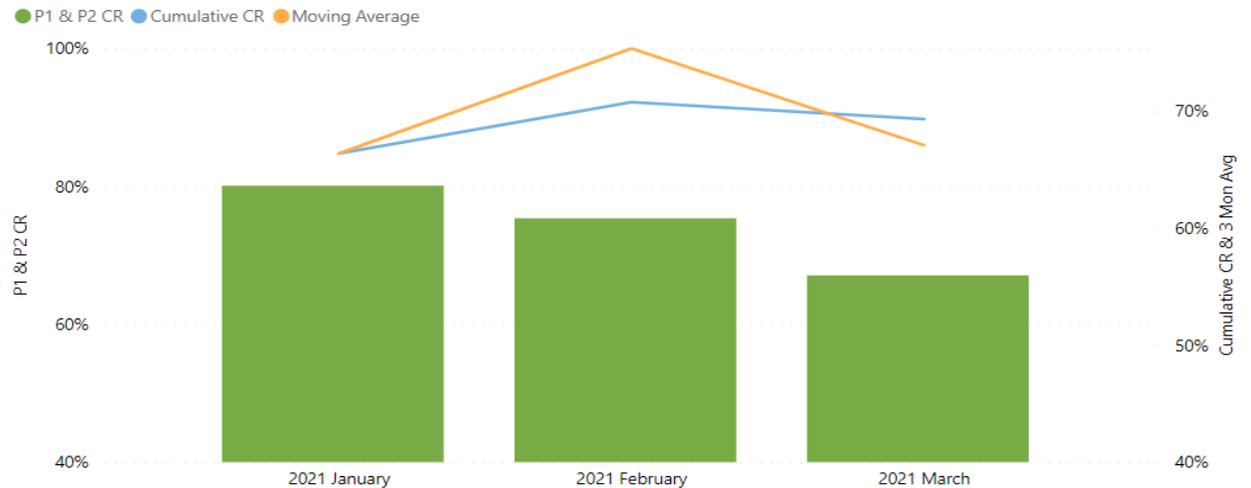
Distribution Construction – YTD 2021 Results Through March

Total	2,006 Total Inspections	1,477 Pass Total	529 Potential Non-Conformances	74% P1 & P2 Total CR%
SCE	322 Total Inspections	291 Pass Total	31 Potential Non-Conformances	90% P1 & P2 Total CR%
Contractor	1,684 Total Inspections	1,186 Pass Total	498 Potential Non-Conformances	70% P1 & P2 Total CR%

Conformance Rate by Region | District

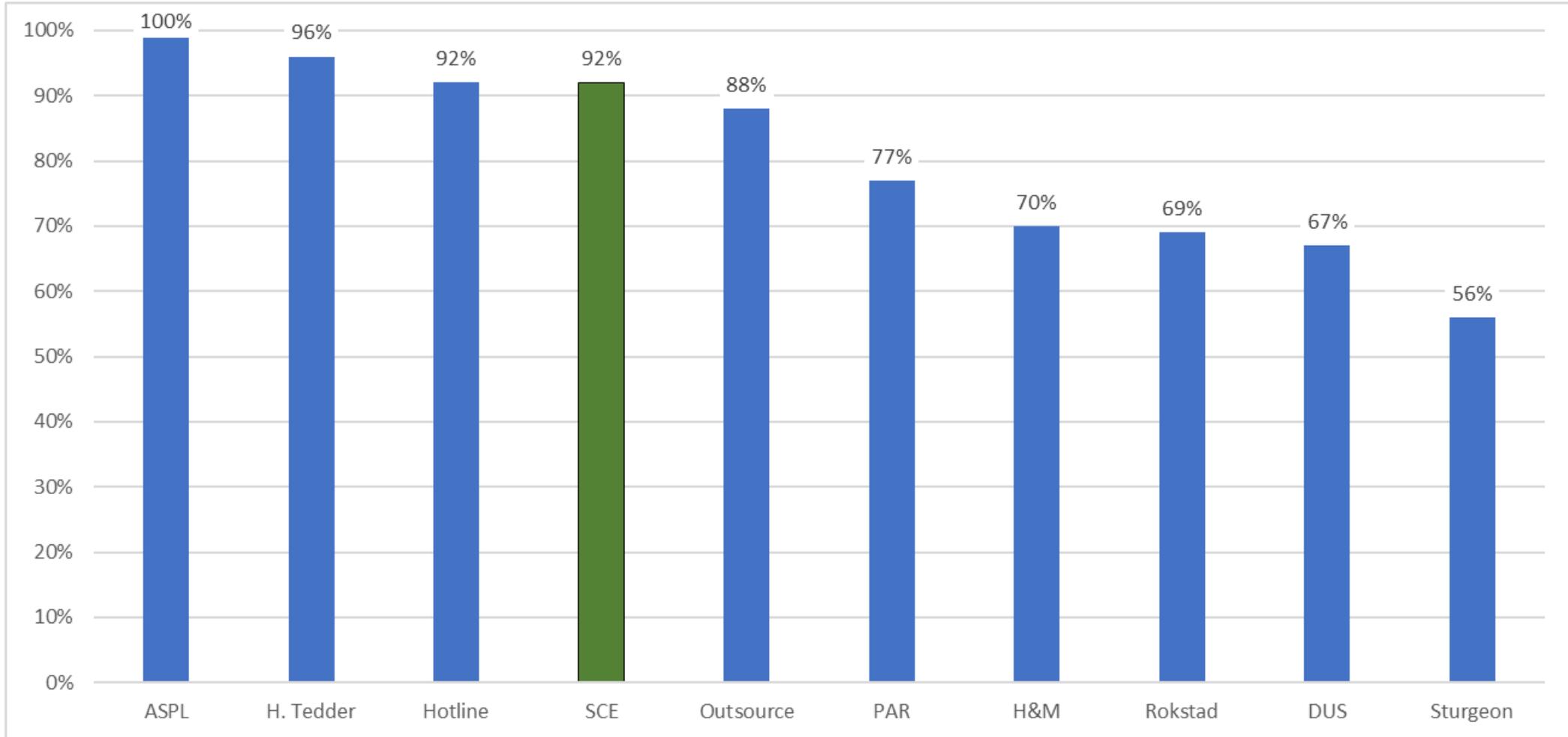


Conformance Rate Trending



QC Results By Contractor

QC Distribution Construction Program – YTD March 2021
Conformance Rate (%) by Contractor



Overhead Detail Inspection - YTD 2021 Results Through March

2,711
Total Inspections

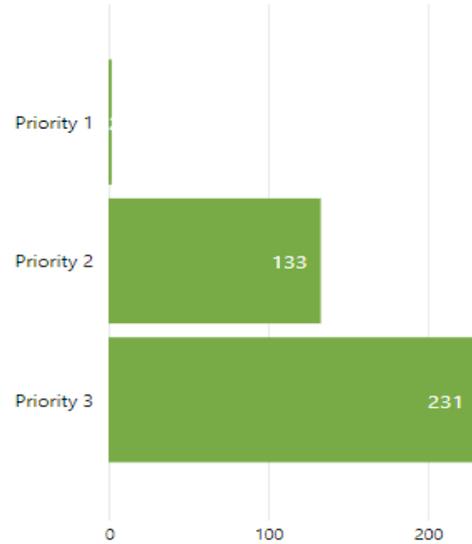
2,584
Pass Total

127
Potential Non-Conformances

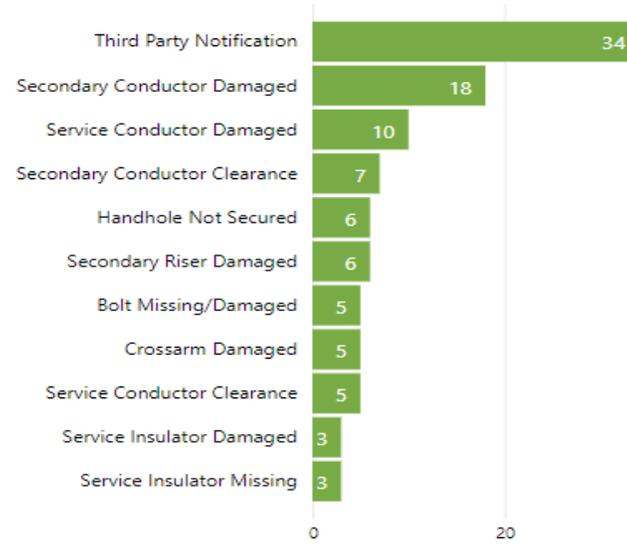
95%
P1 & P2 Total CR%

Tier 1 Target 97% (+/- 1%)

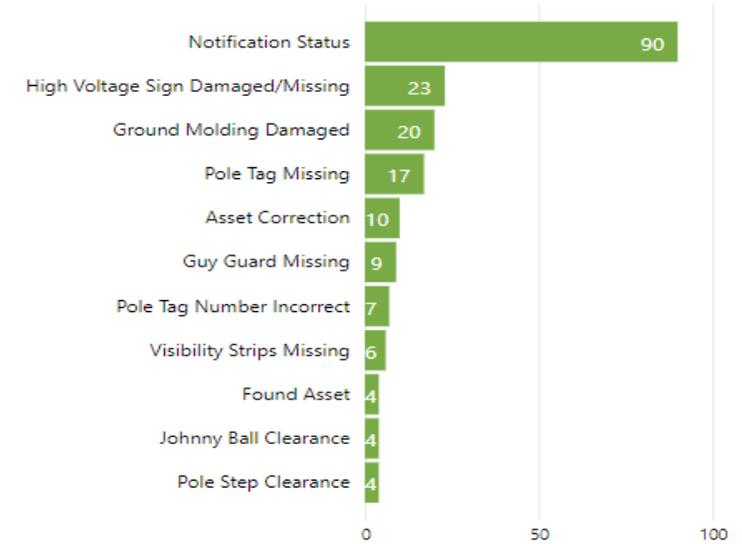
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
ODI (High)												
Low	948	42	95.6%	90.0%	0	0	43	43	32	0	79	85
Medium	840	62	92.6%	95.0%	2	0	67	69	14	0	66	79
High	891	22	97.5%	95.0%	0	0	22	22	14	0	63	66
Very High	32	1	96.9%	98.0%	0	0	1	1	0	0	1	1
Total	2,711	127	95.3%		2	0	133	135	60	0	209	231

ODI – YTD 2021 Results Through March

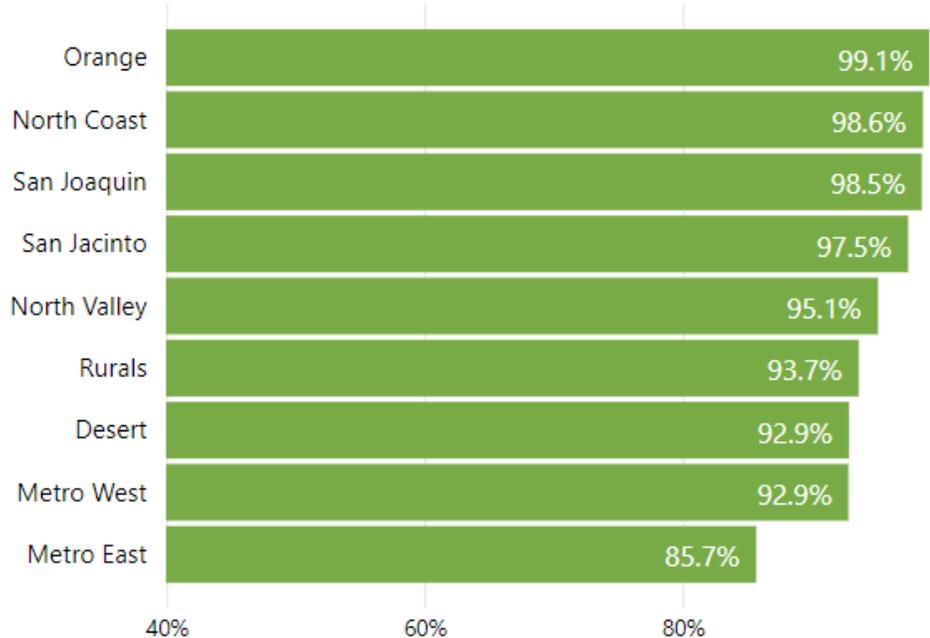
Total **2,711** **2,583** **128** **95%**

SCE **1,725** **1,617** **108** **94%**

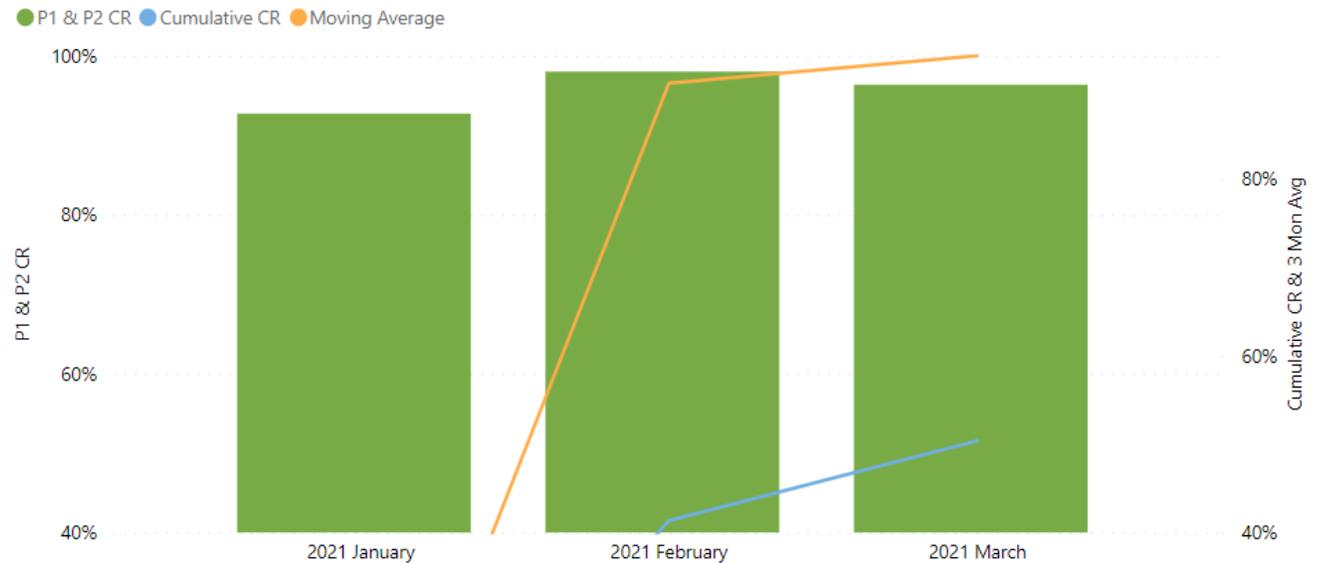
Contractor **986** **966** **20** **98%**

Total Inspections Pass Total Potential Non-Conformances P1 & P2 Total CR%

Conformance Rate by Region | District



Conformance Rate Trending



APPENDIX



YTD March 2021 QC Results (Dist. Construction) – Desert Region

169
Total Inspections

119
Pass Total

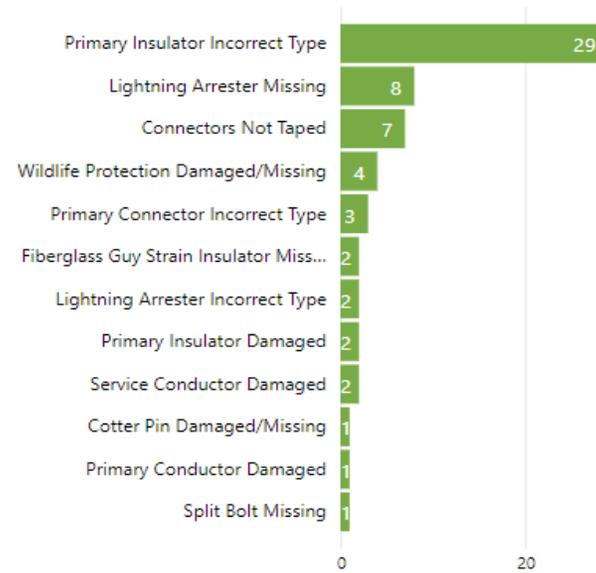
50
Potential Non-Conformances

70%
P1 & P2 Total CR%

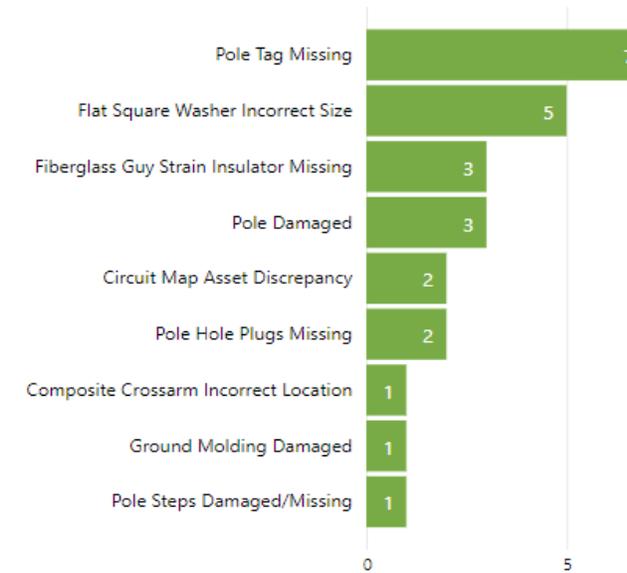
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	17	1	94.1%	95.0%	0	0	1	1	0	0	0	0
Medium	60	14	76.7%	95.0%	1	0	14	15	9	0	9	9
High	51	16	68.6%	98.0%	0	0	19	19	7	0	6	7
Very High	41	19	53.7%	100.0%	0	0	27	27	26	0	8	9
Total	169	50	70.4%		1	0	61	62	42	0	23	25

YTD March 2021 QC Results (Dist. Construction) – Metro East

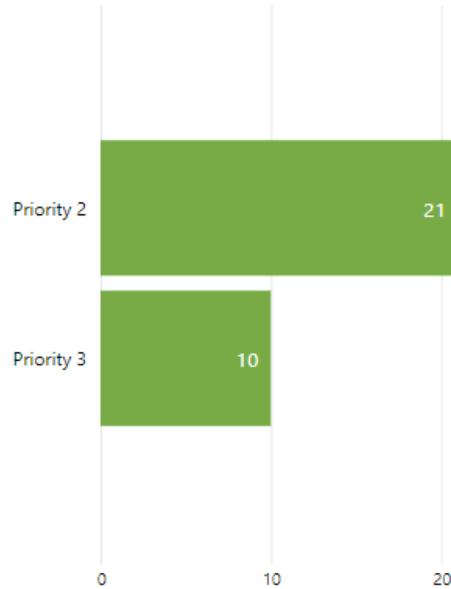
81
Total Inspections

61
Pass Total

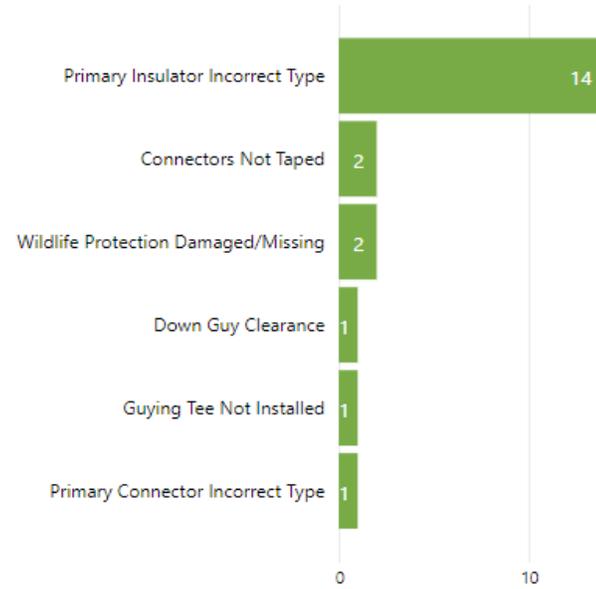
20
Potential Non-Conformances

75%
P1 & P2 Total CR%

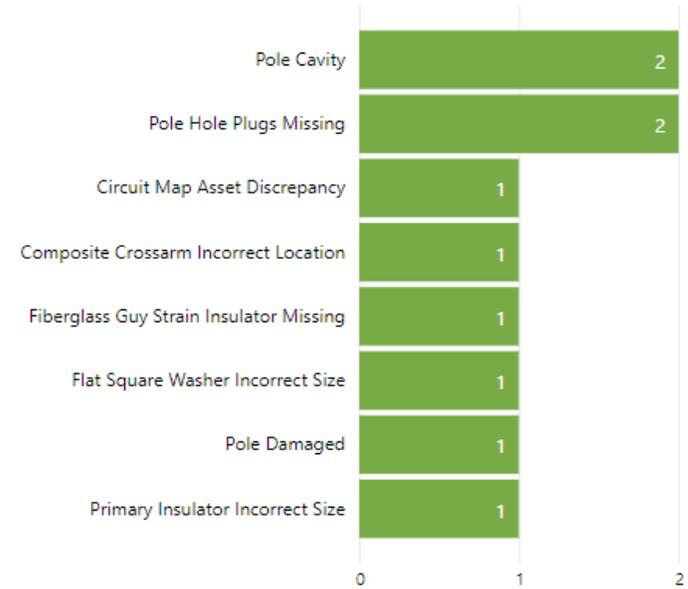
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	25	1	96.0%	95.0%	0	0	1	1	1	0	1	1
Medium	37	7	81.1%	95.0%	0	0	7	7	6	0	7	8
High	16	10	37.5%	98.0%	0	0	11	11	11	0	1	1
Very High	3	2	33.3%	100.0%	0	0	2	2	2	0	0	0
Total	81	20	75.3%		0	0	21	21	20	0	9	10

YTD March 2021 QC Results (Dist. Construction) – Metro West

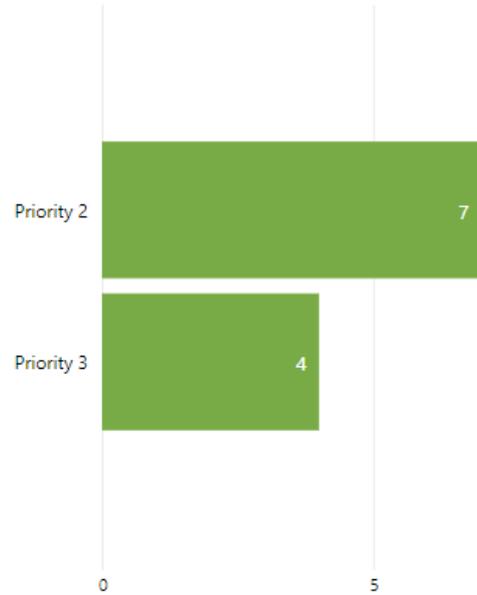
39
Total Inspections

32
Pass Total

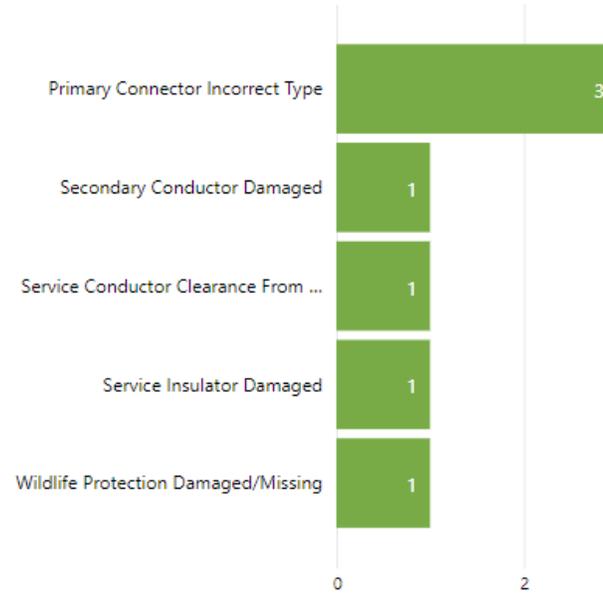
7
Potential Non-Conformances

82%
P1 & P2 Total CR%

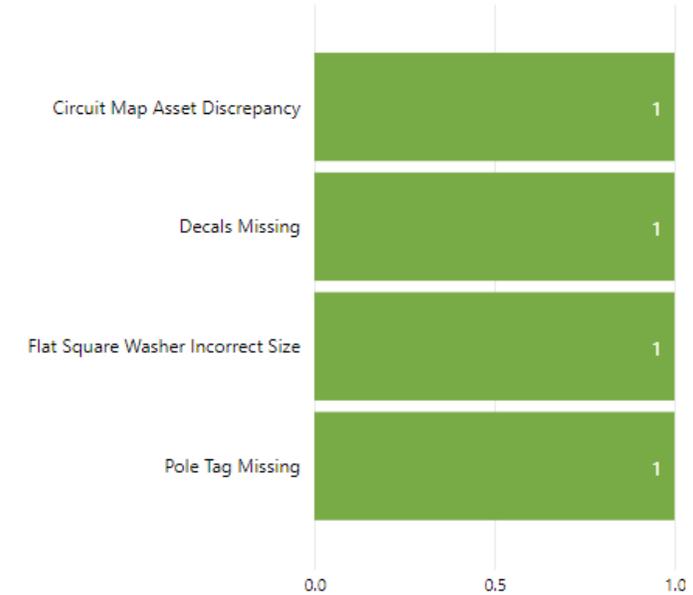
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	31	5	83.9%	95.0%	0	0	5	5	5	0	3	3
Medium	8	2	75.0%	95.0%	0	0	2	2	2	0	1	1
High		0			0	0	0	0	0	0	0	0
Very High		0			0	0	0	0	0	0	0	0
Total	39	7	82.1%		0	0	7	7	7	0	4	4

YTD March 2021 QC Results (Dist. Construction) – North Coast

169

Total Inspections

166

Pass Total

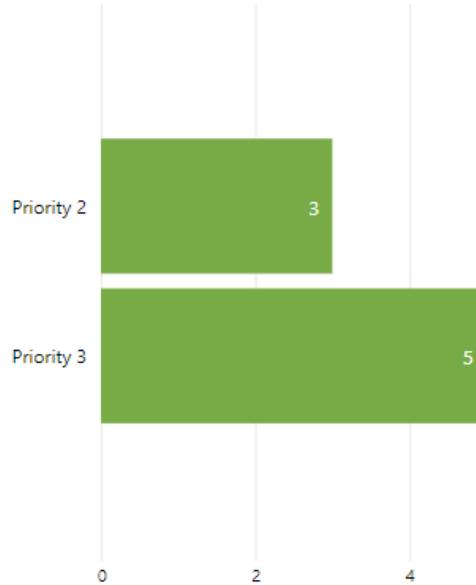
3

Potential Non-Conformances

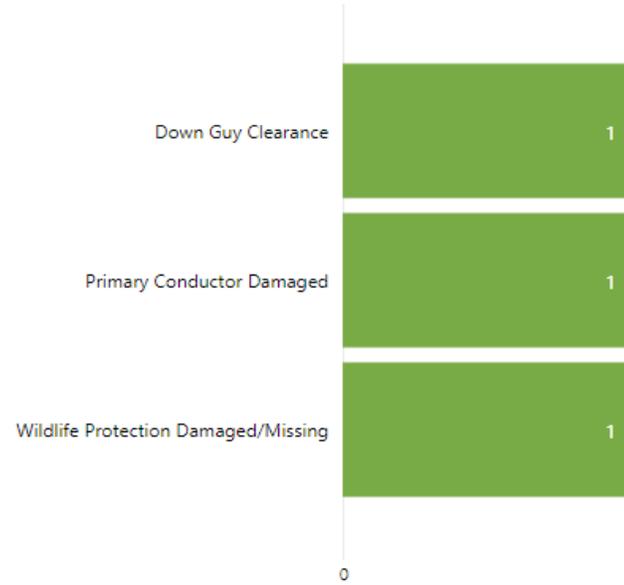
98%

P1 & P2 Total CR%

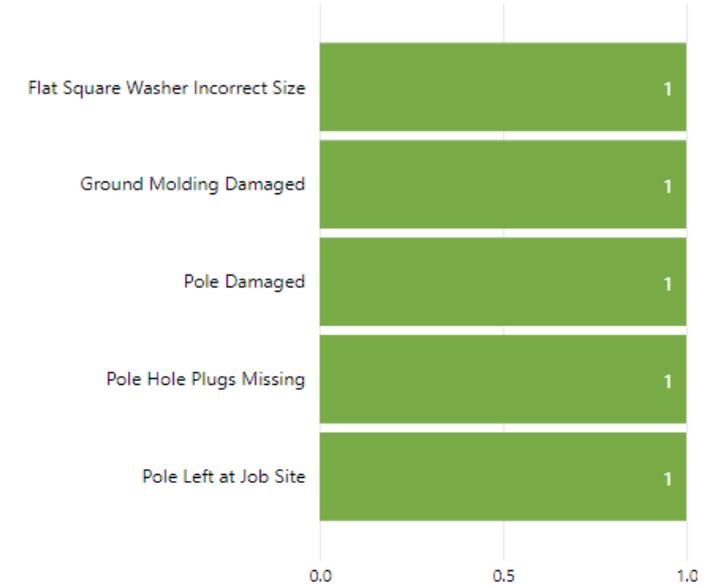
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	9	2	77.8%	95.0%	0	0	2	2	1	0	0	0
Medium	78	1	98.7%	95.0%	0	0	1	1	1	0	3	3
High	70	0	100.0%	98.0%	0	0	0	0	0	0	2	2
Very High	12	0	100.0%	100.0%	0	0	0	0	0	0	0	0
Total	169	3	98.2%		0	0	3	3	2	0	5	5

YTD March 2021 QC Results (Dist. Construction) – North Valley

572

Total Inspections

497

Pass Total

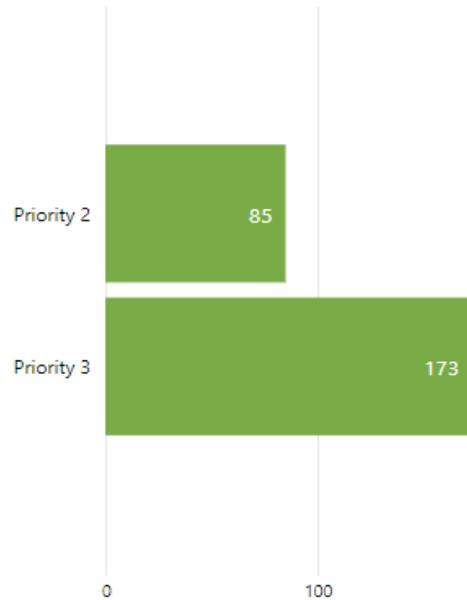
75

Potential Non-Conformances

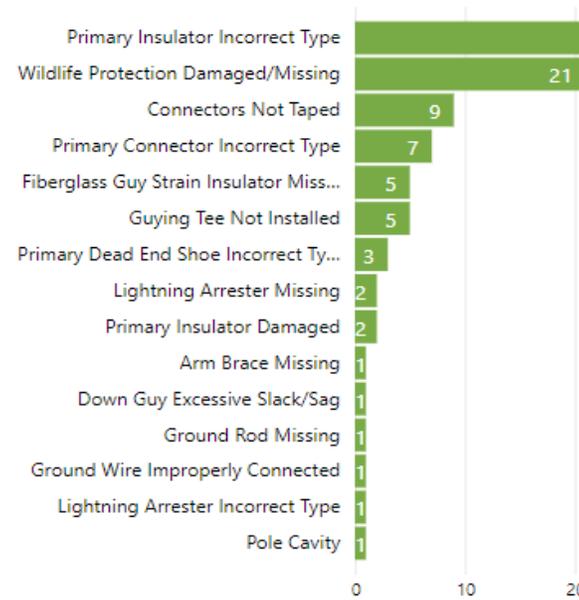
87%

P1 & P2 Total CR%

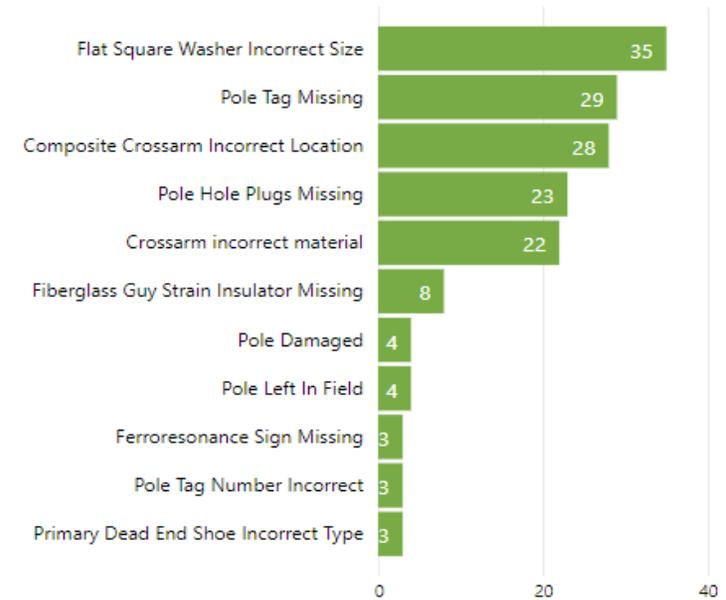
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	8	0	100.0%	95.0%	0	0	0	0	0	0	0	0
Medium	136	20	85.3%	95.0%	0	0	25	25	20	0	36	49
High	374	51	86.4%	98.0%	0	0	56	56	50	0	73	121
Very High	54	4	92.6%	100.0%	0	0	4	4	4	0	3	3
Total	572	75	86.9%		0	0	85	85	74	0	112	173

YTD March 2021 QC Results (Dist. Construction) – Orange

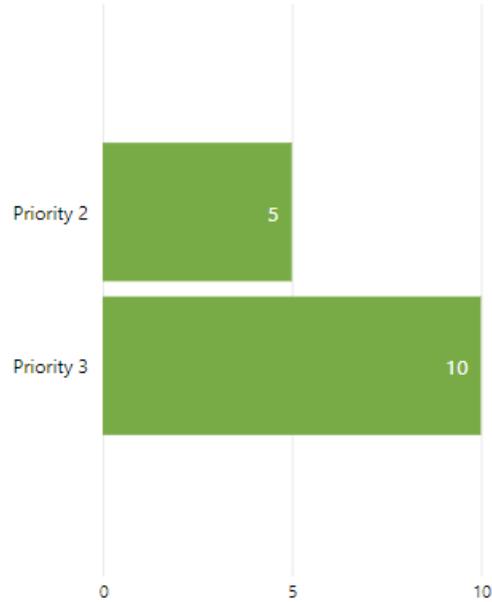
39
Total Inspections

35
Pass Total

4
Potential Non-Conformances

90%
P1 & P2 Total CR%

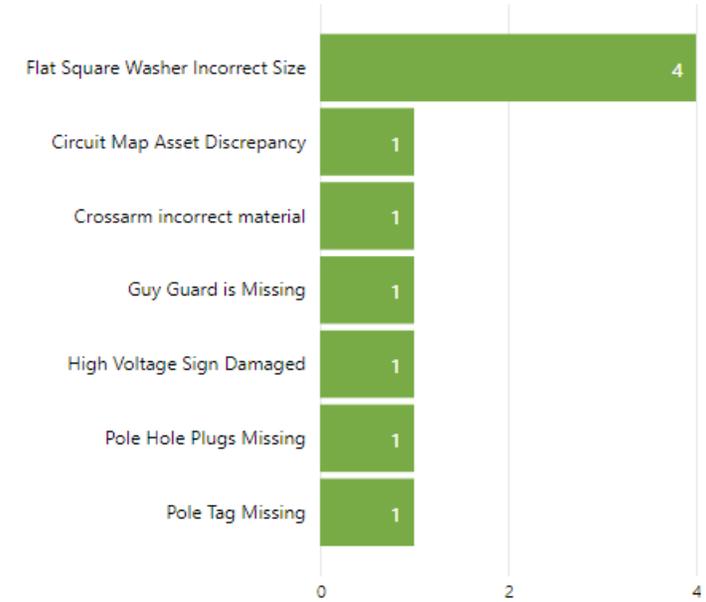
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	24	2	91.7%	95.0%	0	0	3	3	3	0	3	3
Medium	15	2	86.7%	95.0%	0	0	2	2	2	0	4	7
High		0			0	0	0	0	0	0	0	0
Very High		0			0	0	0	0	0	0	0	0
Total	39	4	89.7%		0	0	5	5	5	0	7	10

YTD March 2021 QC Results (Dist. Construction) – Rurals

153

Total Inspections

126

Pass Total

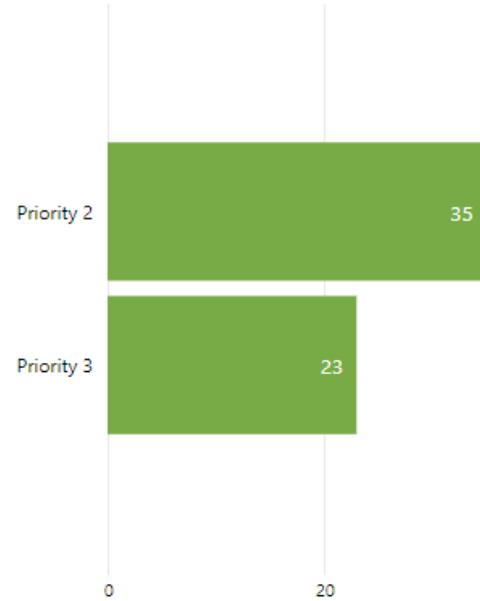
27

Potential Non-Conformances

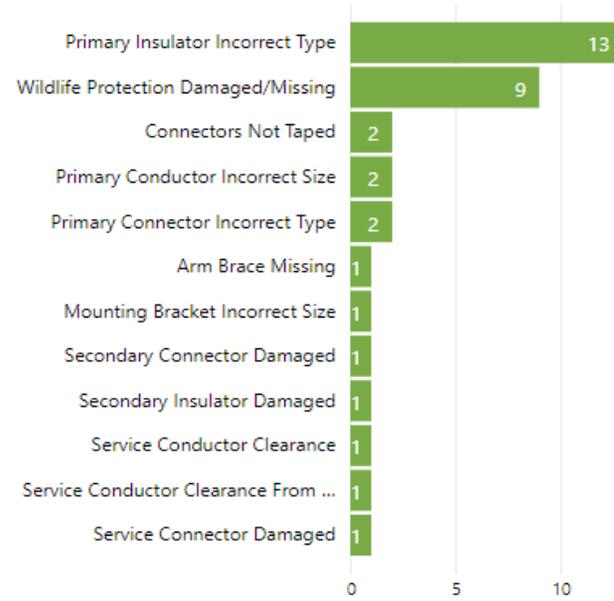
82%

P1 & P2 Total CR%

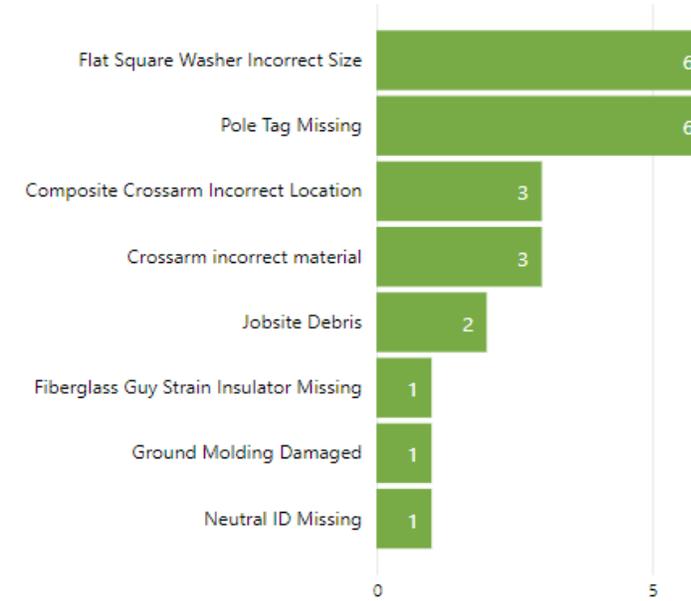
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	12	0	100.0%	95.0%	0	0	0	0	0	0	2	2
Medium	45	4	91.1%	95.0%	0	0	4	4	1	0	8	11
High	40	10	75.0%	98.0%	0	0	14	14	11	0	4	5
Very High	56	13	76.8%	100.0%	0	0	17	17	10	0	3	5
Total	153	27	82.4%		0	0	35	35	22	0	17	23

YTD March 2021 QC Results (Dist. Construction) – San Jacinto

771

Total Inspections

433

Pass Total

338

Potential Non-Conformances

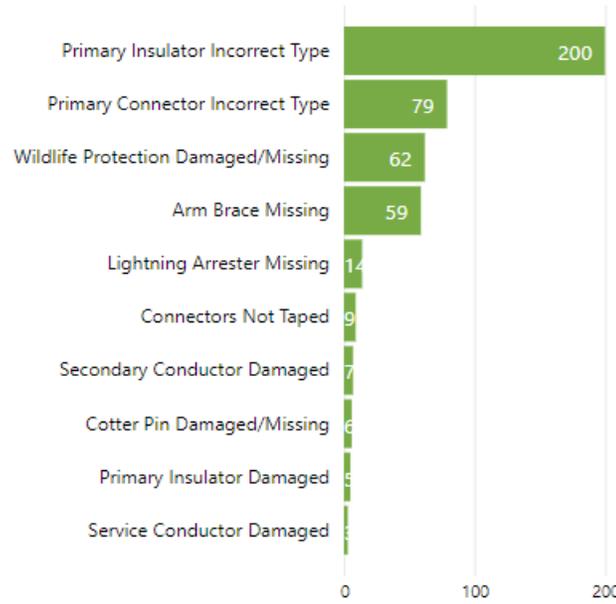
56%

P1 & P2 Total CR%

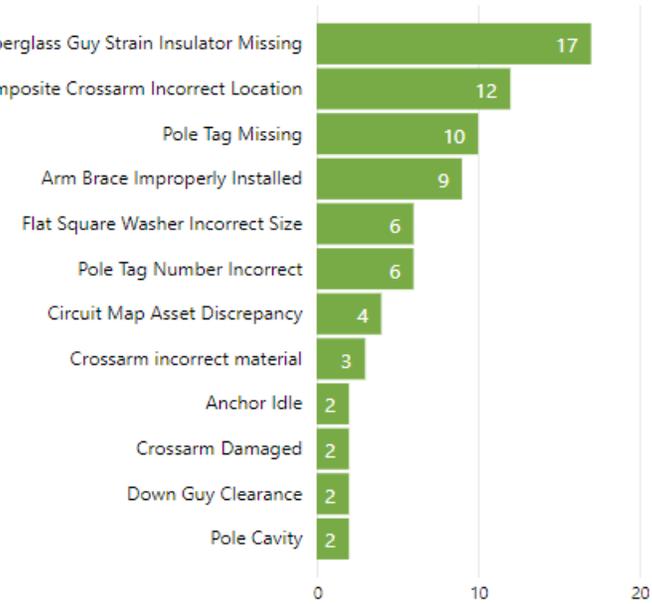
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOCS PNC	P3
Distribution Construction (Very												
Low	10	1	90.0%	95.0%	0	0	1	1	1	0	2	2
Medium	45	15	66.7%	95.0%	0	0	18	18	18	0	2	2
High	429	176	59.0%	98.0%	1	0	235	236	206	0	41	52
Very High	287	146	49.1%	100.0%	0	0	205	205	201	0	25	26
Total	771	338	56.2%		1	0	459	460	426	0	70	82

YTD March 2021 QC Results (Dist. Construction) – San Joaquin

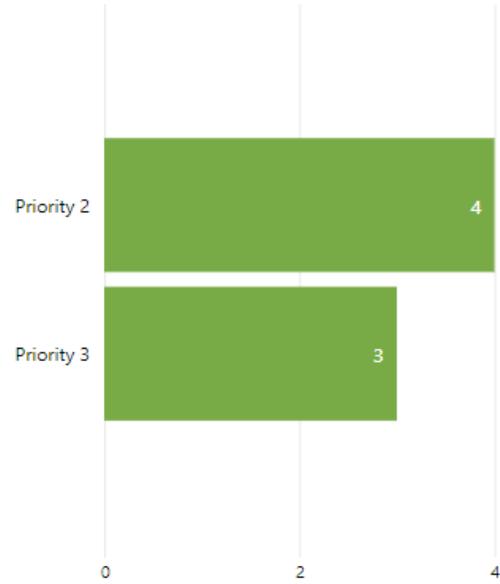
13
Total Inspections

9
Pass Total

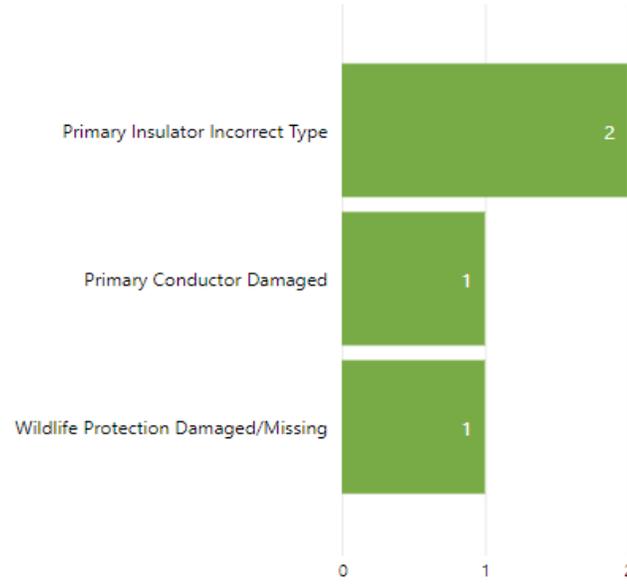
4
Potential Non-Conformances

69%
P1 & P2 Total CR%

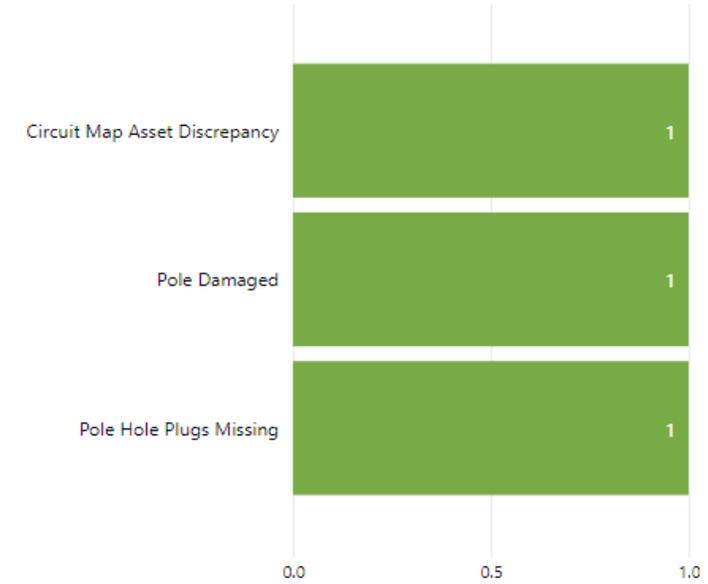
Non-Conformances by Prio



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very												
Low	3	1	66.7%	95.0%	0	0	1	1	1	0	0	0
Medium	10	3	70.0%	95.0%	0	0	3	3	3	0	3	3
High		0			0	0	0	0	0	0	0	0
Very High		0			0	0	0	0	0	0	0	0
Total	13	4	69.2%		0	0	4	4	4	0	3	3

Updated Quality Dashboard

Program Details Page

Updated Filtering Capabilities (Contractor, Trans. Grid, Distribution Region/District, etc.)

Click to filter by Reporting: **All** **Transmission Grid** Distribution Region

Contractor Name: All

Program: Transmission Construction

Grid: All

Date: Multiple selections

277 Total Inspections

270 Pass Total

7 Potential Non-Conformances

97% P1 & P2 Total CR%

Non-Conformances by Priority

Priority	Count
Priority 2	7
Priority 3	19

Top 10 P1 & P2 Finding Categories

Finding Category	Count
Connectors Not Taped	2
Anchor Overloaded	1
Down Guy Clearance	1
Primary Insulator Incorrect Type	1
Secondary Conductor Damaged	1
Secondary Riser Damaged	1

Top 10 P3 Finding Categories

Finding Category	Count
Circuit Map Asset Discrepancy	8
Flat Square Washer Incorrect Size	4
Pole Tag Missing	2
Crossarm incorrect material	1
Down Guy Excessive Slack/Sag	1
Guy Guard Missing	1
Pole Cavity	1
Span Guy Excessive Slack/Sag	1

Restricted area allows sorting by crew type (SCE vs Contractor)