

FOCUS ON QUALITY

T&D Quality Programs

RPPM Meeting
May 2021

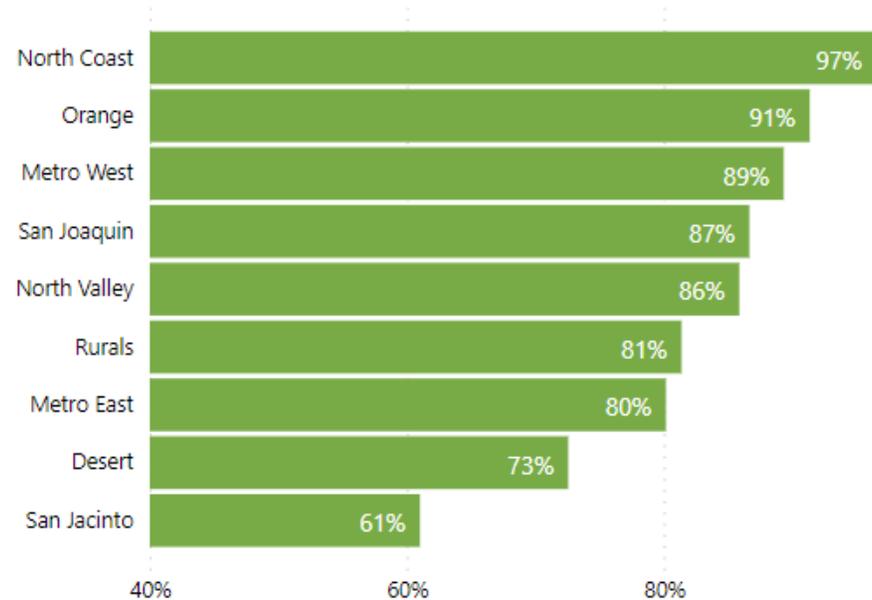


QC Results thru April 2021 (Dist. Construction)

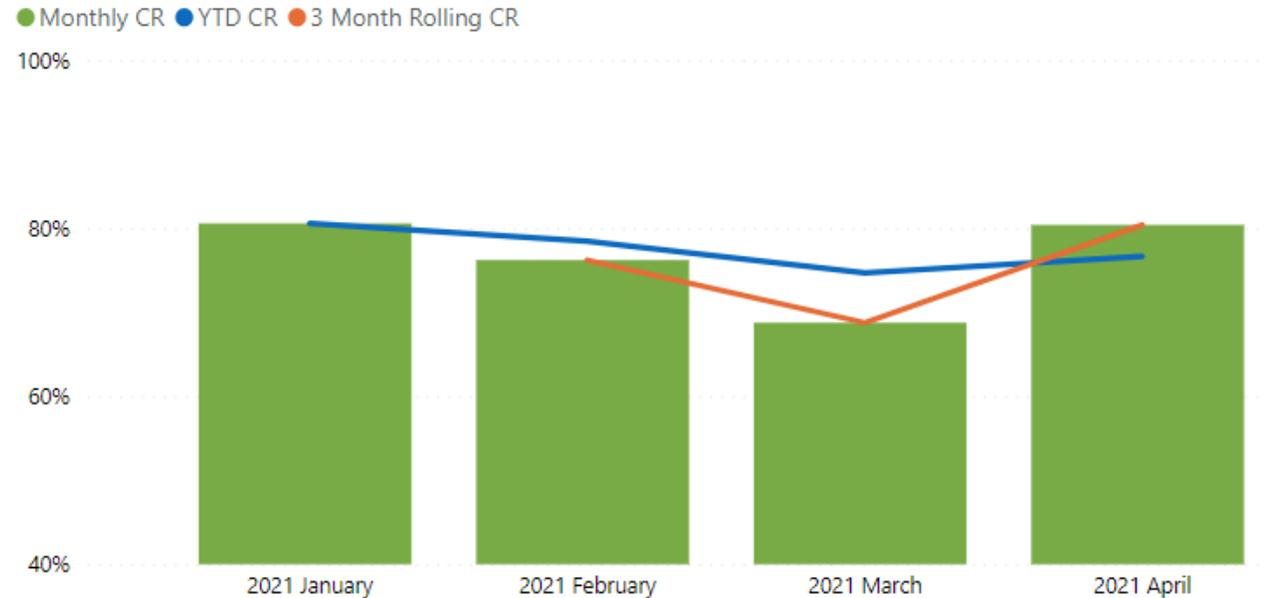
Trend vs 1st QTR

Total	3,072	2,355	717	77%  +2%
SCE	562	505	57	90%  -1%
Contractor	2,510	1,850	660	74%  +3%
	Total Inspections	Pass Total	Potential Non-Conformances	P1 & P2 Total CR%

Conformance Rate by Region | District



Conformance Rate Trending

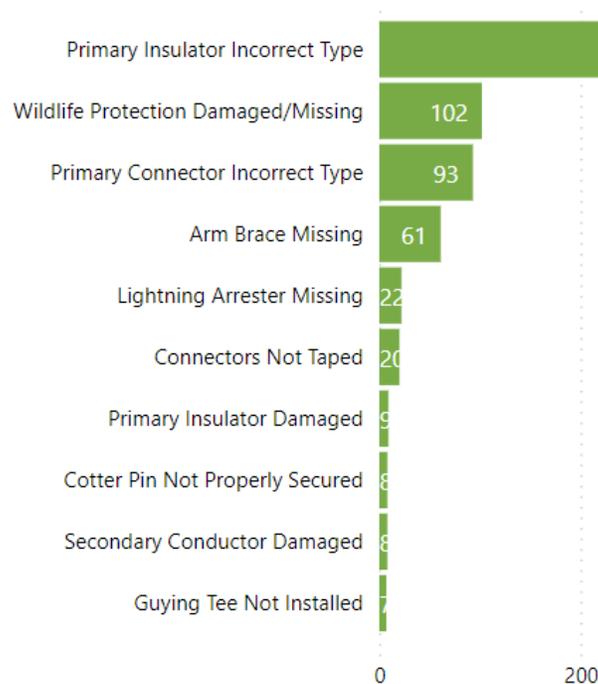


QC Results Dist. Construction – Q1 2021 vs April 2021

Trend

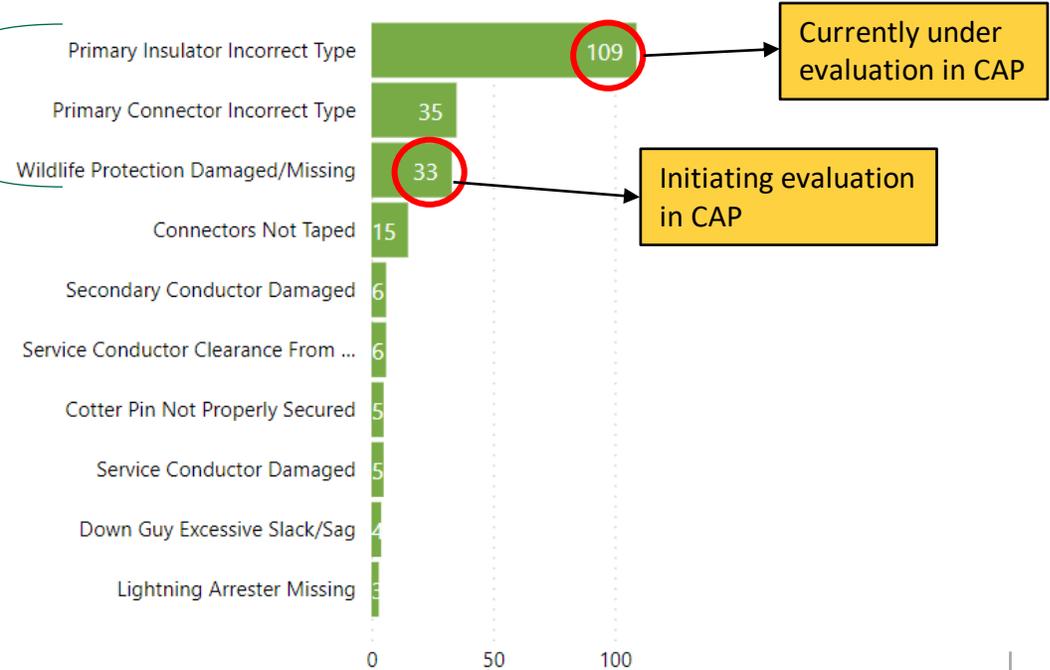
1st QTR 2021	2,006 Total Inspections	1,498 Pass Total	508 Potential Non-Conformances	75% P1 & P2 Total CR%	
April 2021	1,066 Total Inspections	857 Pass Total	209 Potential Non-Conformances	80% P1 & P2 Total CR%	

**1st Qtr. 2021
Top 10 P1 & P2 Finding Categories**



Same top 3

**April. 2021
Top 10 P1 & P2 Finding Categories**



Distribution Construction – YTD 2021 Results Through April

3,072

Total Inspections

2,355

Pass Total

717

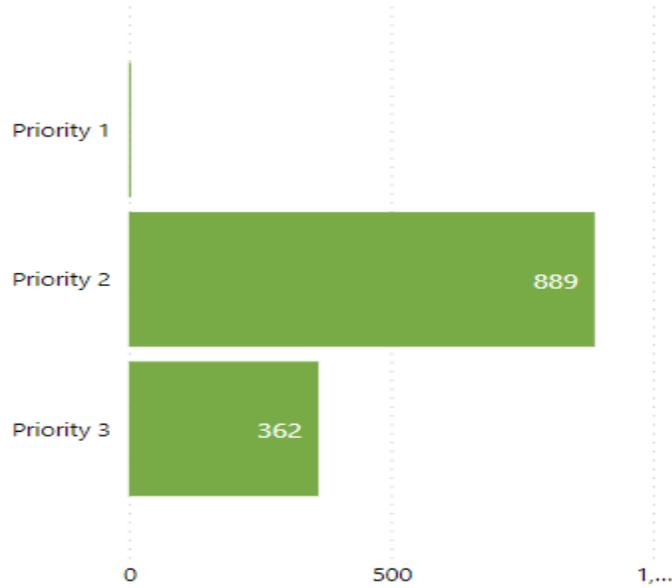
Potential Non-Conformances

77%

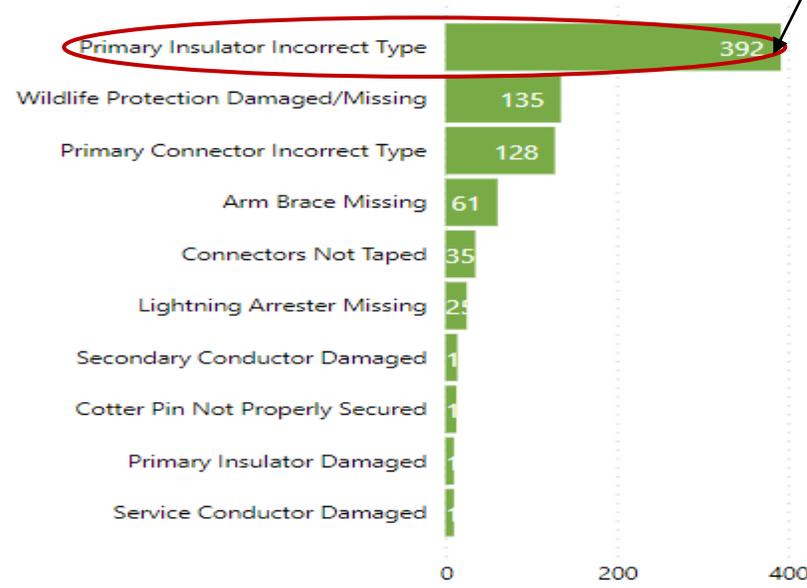
P1 & P2 Total CR%

Asset Life Issue, remediation within 5 years (under further evaluation). Initiated Cause Evaluation, elimination would increase CR score to ~88%

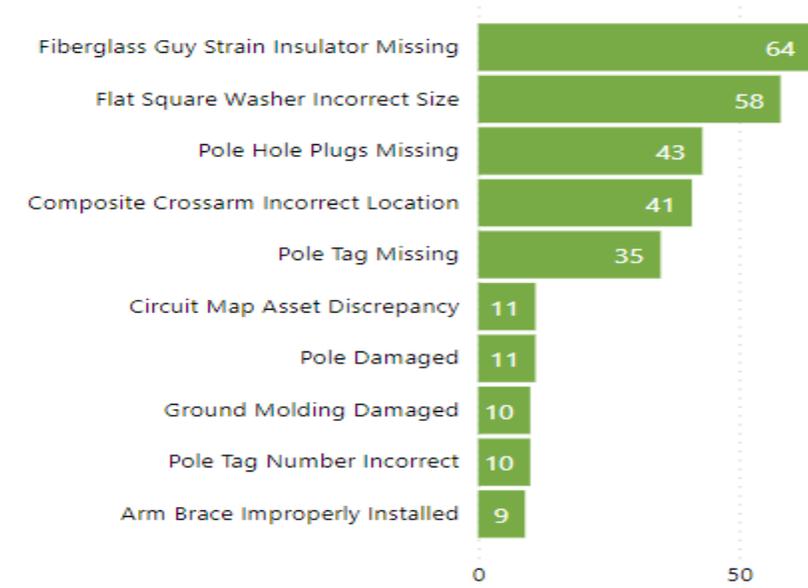
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



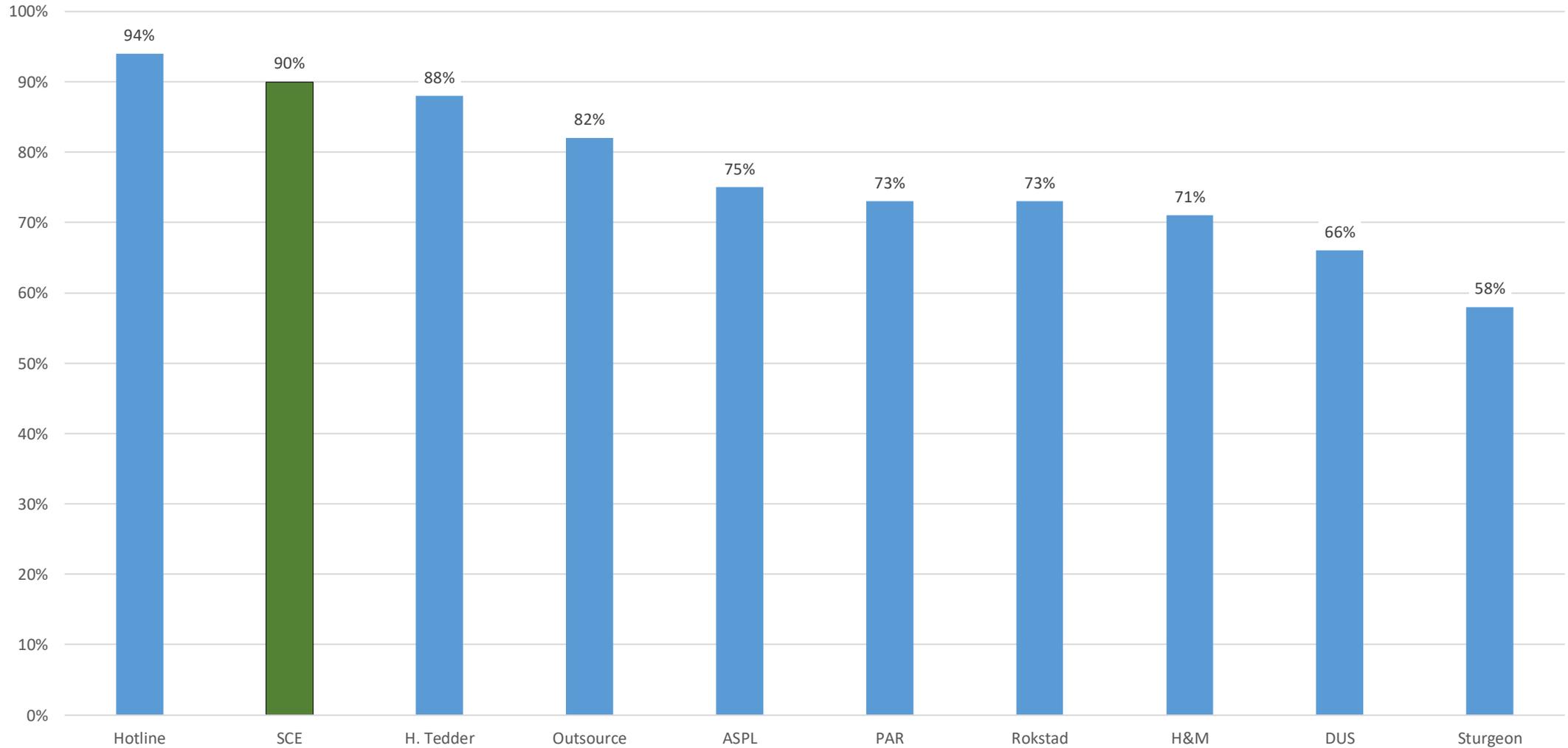
Top 10 P3 Finding Categories



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
Distribution Construction (Very High)											
Very High	730	259	65%	100.0%	0	0	339	339	314	0	59
High	1,329	314	76%	98.0%	1	0	388	389	299	0	137
Medium	716	118	84%	95.0%	3	0	134	137	109	0	86
Low	297	26	91%	95.0%	0	0	28	28	21	0	24
Total	3,072	717	77%	97.0%	4	0	889	893	743	0	306

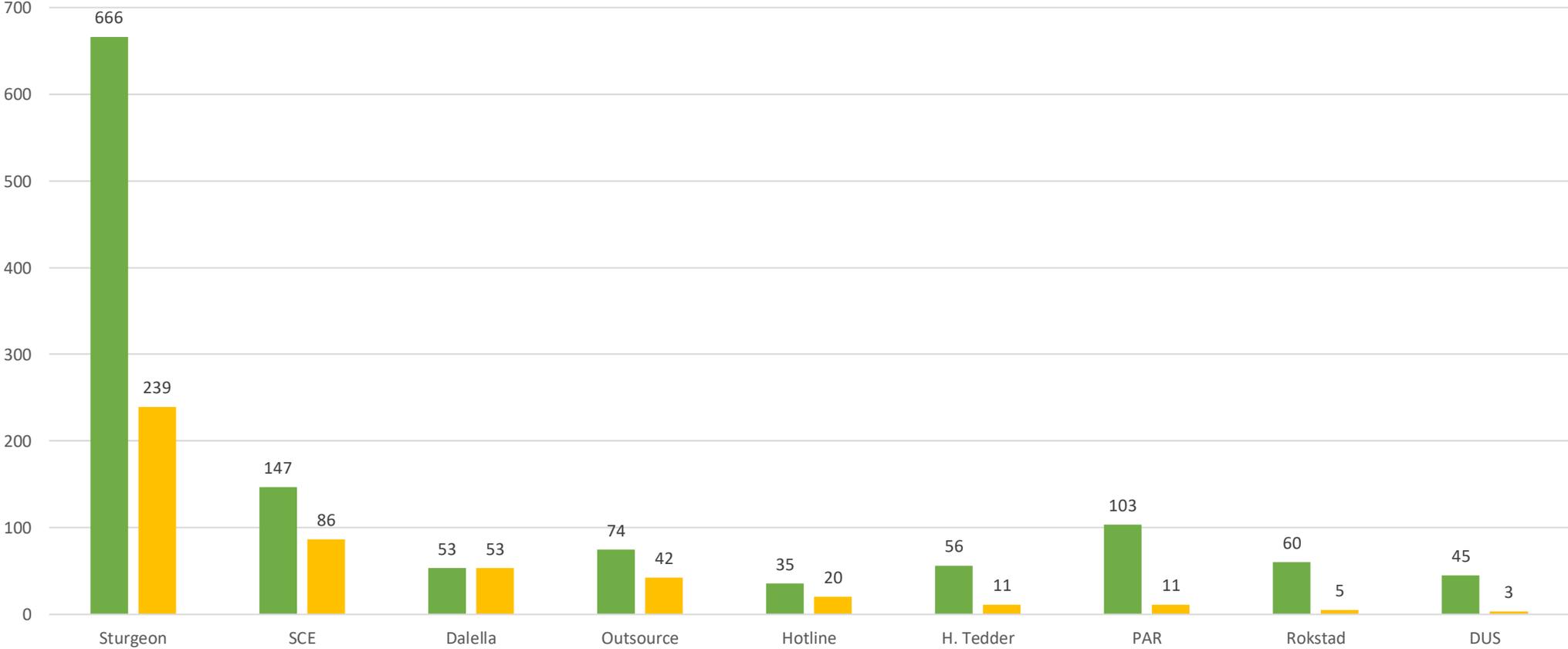
QC Results By Contractor

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



QC Results By Contractor

QC Distribution Construction Program – 2020 thru April 2021
Open & Overdue P1s & P2s



Note: Past Due includes 2020 & 2021 Findings

Open Past Due

Overhead Detail Inspection - YTD 2021 Results Through April

3,419

Total Inspections

3,258

Pass Total

161

Potential Non-Conformances

95%

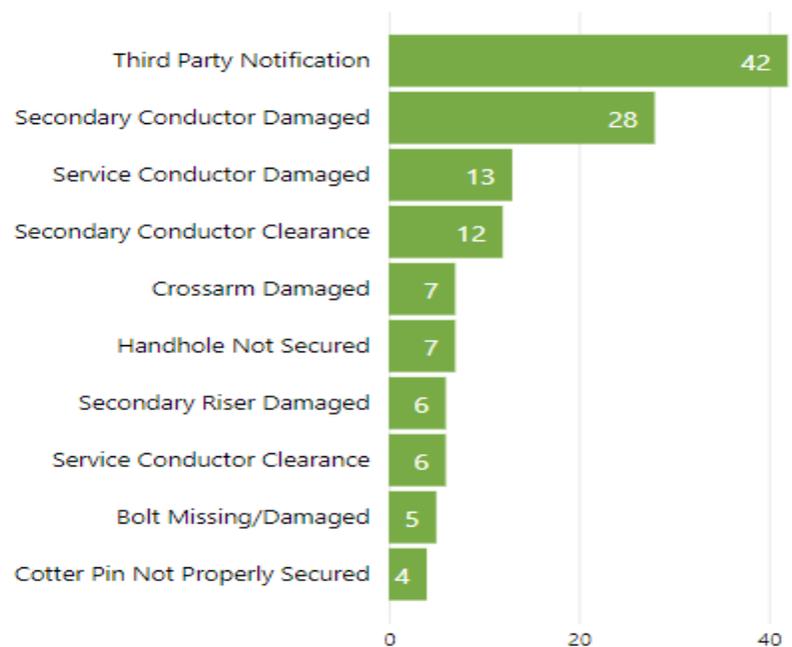
P1 & P2 Total CR%

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

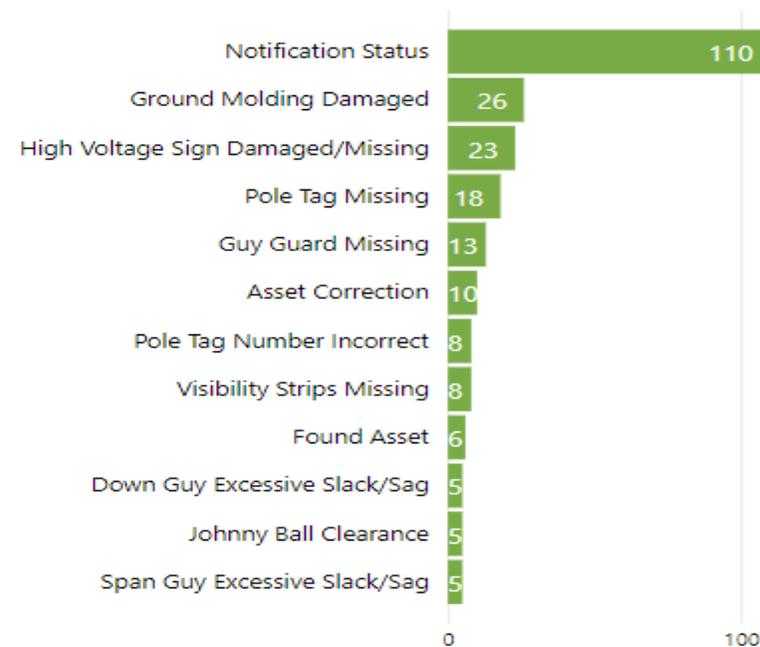
Non-Conformances by Priority



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	436	27	93.8%	90.0%	0	0	28	28	5	0	48	52
Medium	970	67	93.1%	95.0%	2	0	72	74	6	0	75	89
High	1,137	32	97.2%	95.0%	0	0	32	32	20	0	79	82
Very High	876	35	96.0%	98.0%	1	0	37	38	32	0	52	57
Total	3,419	161	95.3%		3	0	169	172	63	0	254	280

QC Results ODI – Q4 2020 vs Feb-April 2021

Trend

4th QTR, 2020

1,825

Total Inspections

1,715

Pass Total

110

Potential Non-Conformances

94%

P1 & P2 Total CR%

+3%



Feb - April, 2021

2,171

Total Inspections

2,100

Pass Total

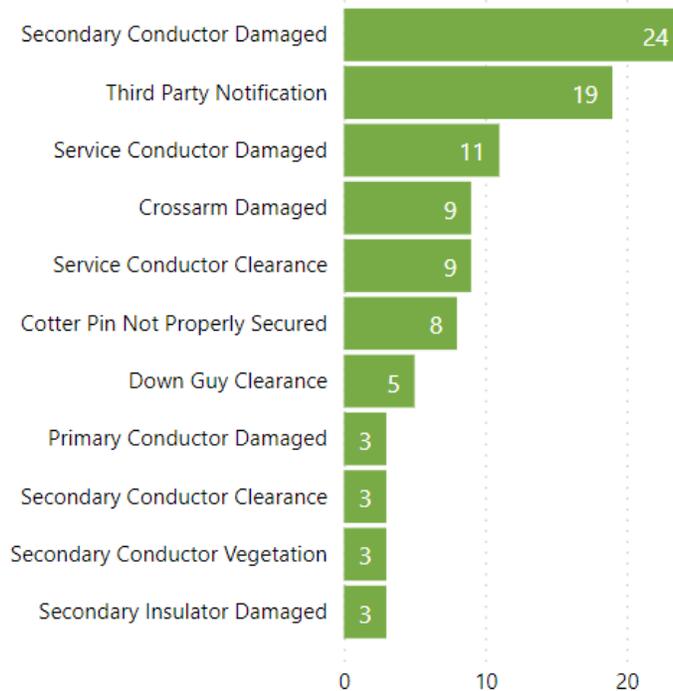
71

Potential Non-Conformances

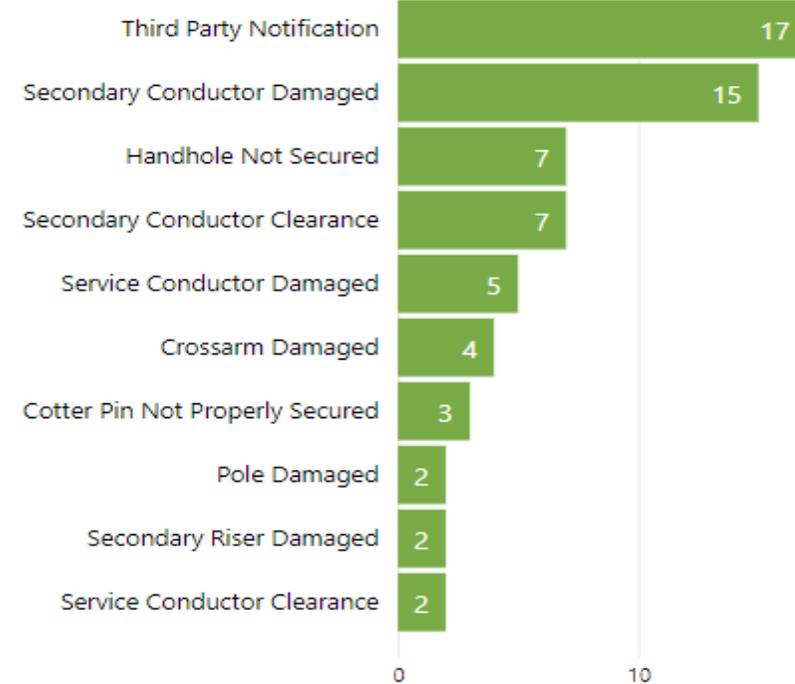
97%

P1 & P2 Total CR%

4th Qtr. 2020
Top 10 P1 & P2 Finding Categories



Feb - April. 2021
Top 10 P1 & P2 Finding Categories



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

277

Total Inspections

201

Pass Total

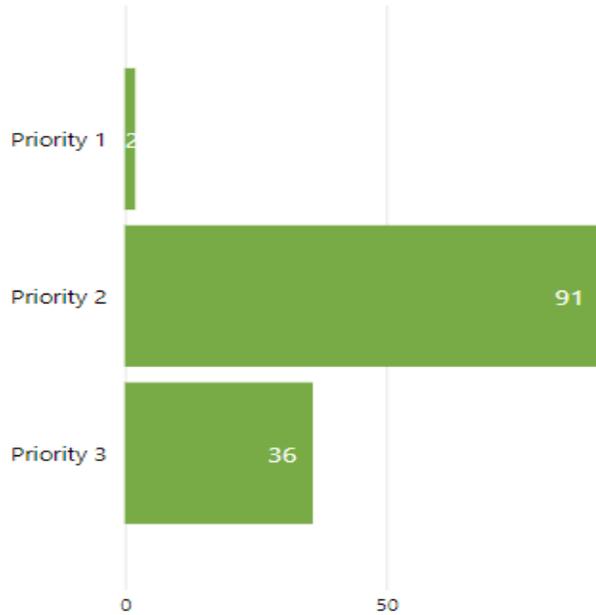
76

Potential Non-Conformances

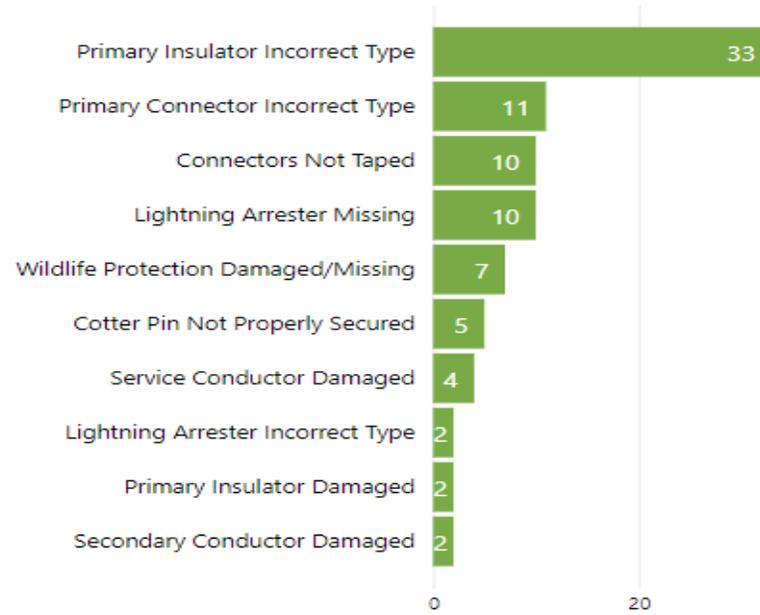
73%

P1 & P2 Total CR%

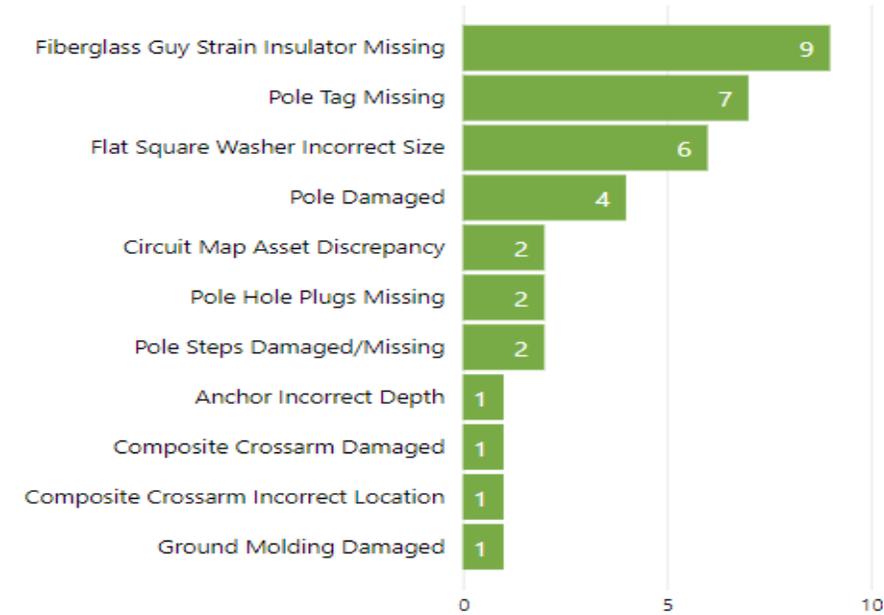
Non-Conformances by Priority



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	37	4	89.2%	95.0%	0	0	5	5	4	0	2	2
Medium	106	28	73.6%	95.0%	2	0	32	34	23	0	12	12
High	55	16	70.9%	98.0%	0	0	18	18	3	0	8	9
Very High	79	28	64.6%	100.0%	0	0	36	36	24	0	12	13
Total	277	76	72.6%		2	0	91	93	54	0	34	36

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

121

Total Inspections

97

Pass Total

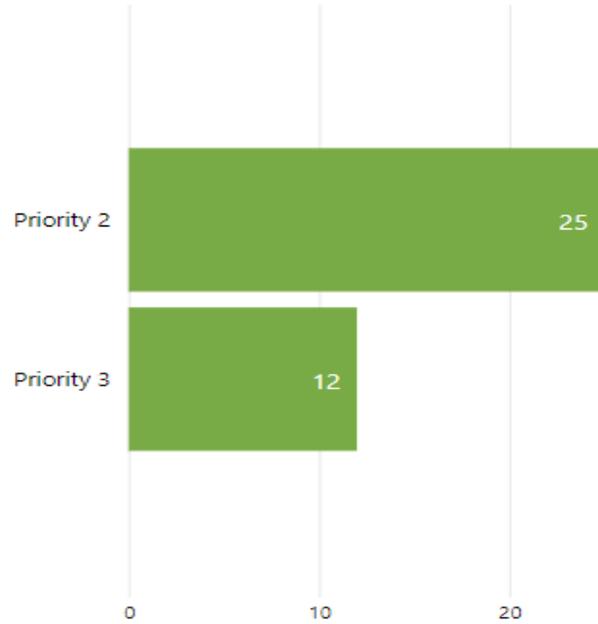
24

Potential Non-Conformances

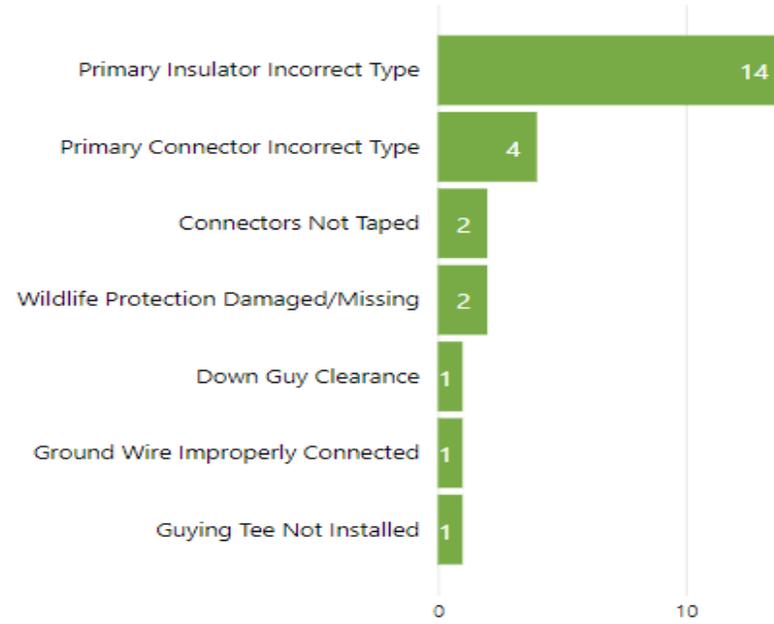
80%

P1 & P2 Total CR%

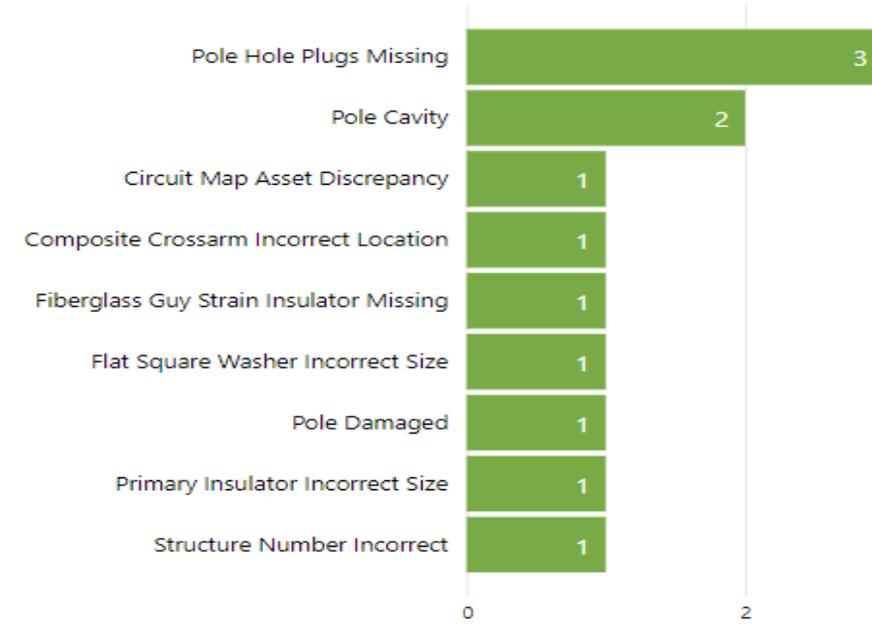
Non-Conformances by Priority



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	56	2	96.4%	95.0%	0	0	2	2	2	0	2	2
Medium	46	10	78.3%	95.0%	0	0	10	10	8	0	8	9
High	16	10	37.5%	98.0%	0	0	11	11	3	0	1	1
Very High	3	2	33.3%	100.0%	0	0	2	2	0	0	0	0
Total	121	24	80.2%		0	0	25	25	13	0	11	12

YTD April QC Results (Dist. Construction) – Metro West

75

Total Inspections

67

Pass Total

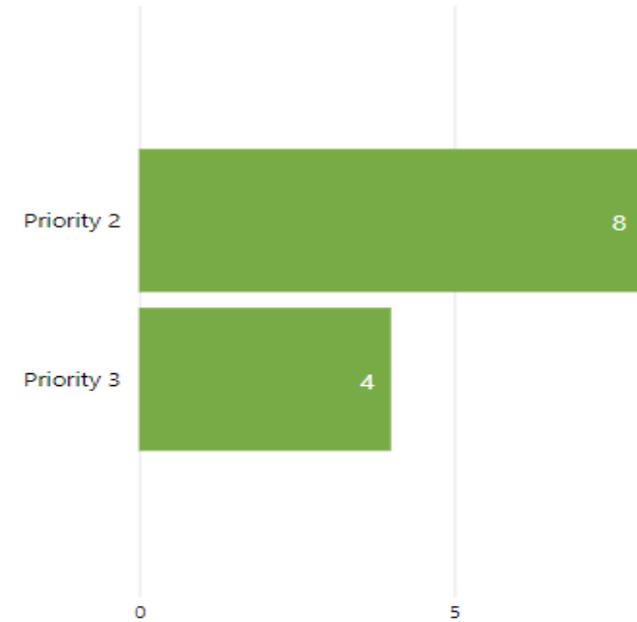
8

Potential Non-Conformances

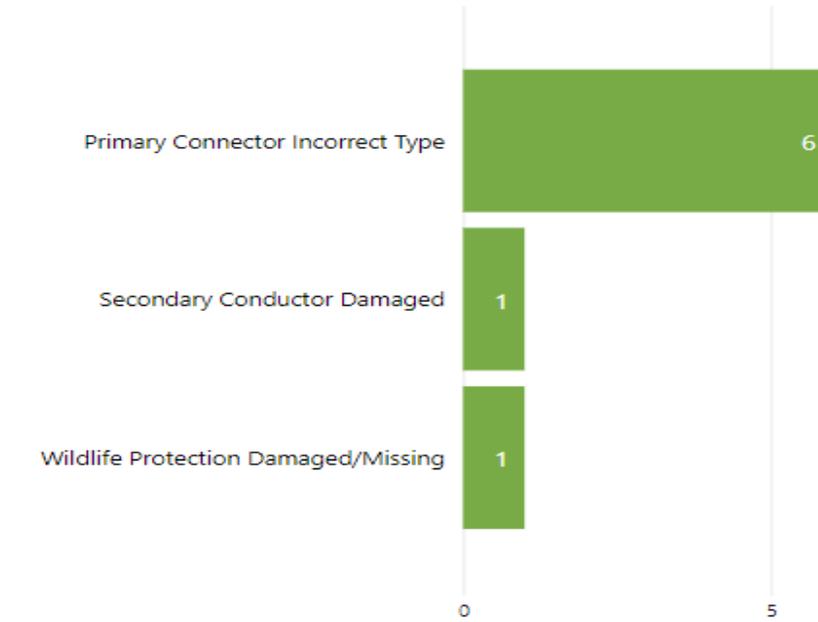
89%

P1 & P2 Total CR%

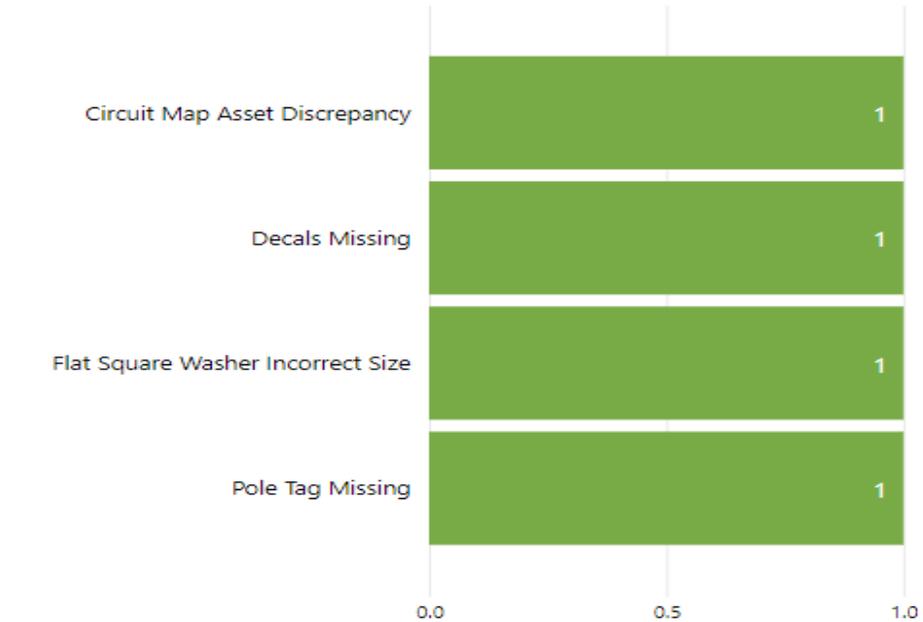
Non-Conformances by Priority



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	62	7	88.7%	95.0%	0	0	7	7	5	0	3	3
Medium	13	1	92.3%	95.0%	0	0	1	1	0	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	75	8	89.3%		0	0	8	8	5	0	4	4

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

261

Total Inspections

252

Pass Total

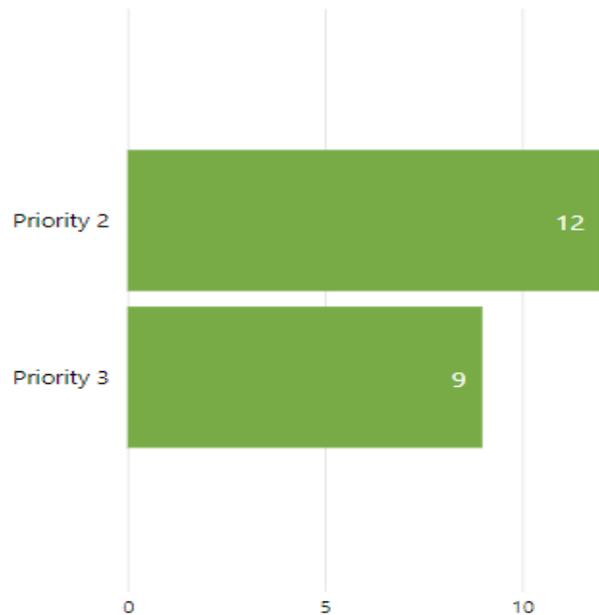
9

Potential Non-Conformances

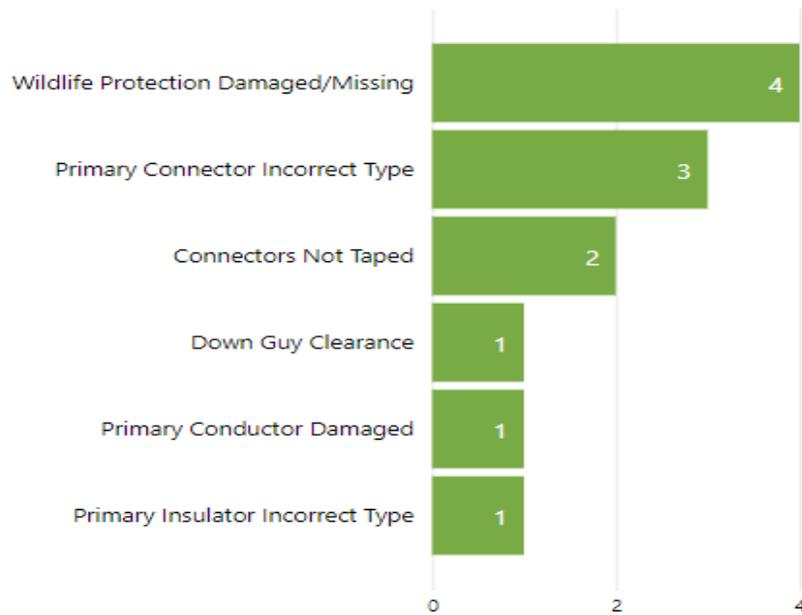
97%

P1 & P2 Total CR%

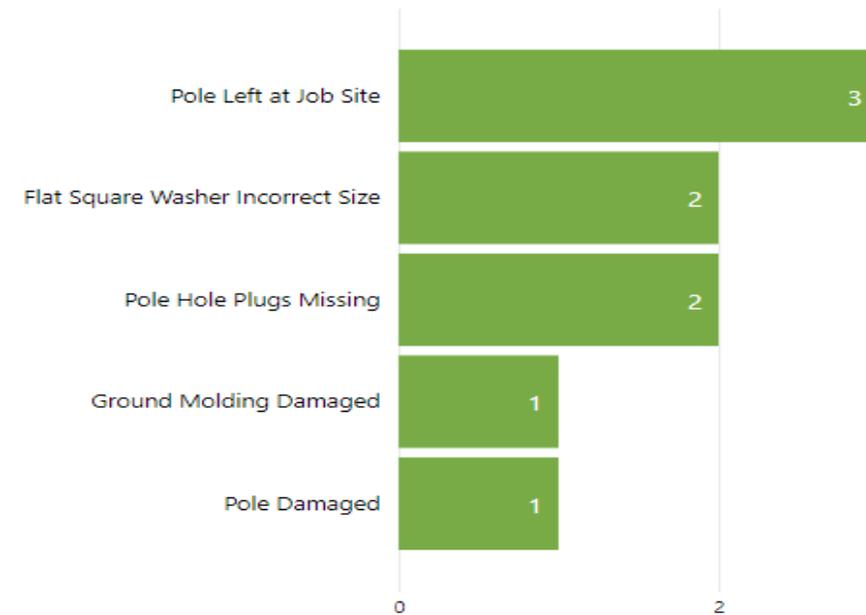
Non-Conformances by Priority



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	2	88.2%	95.0%	0	0	2	2	1	0	0	0
Medium	135	7	94.8%	95.0%	0	0	10	10	9	0	5	5
High	85	0	100.0%	98.0%	0	0	0	0	0	0	4	4
Very High	24	0	100.0%	100.0%	0	0	0	0	0	0	0	0
Total	261	9	96.6%		0	0	12	12	10	0	9	9

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

885

Total Inspections

760

Pass Total

125

Potential Non-Conformances

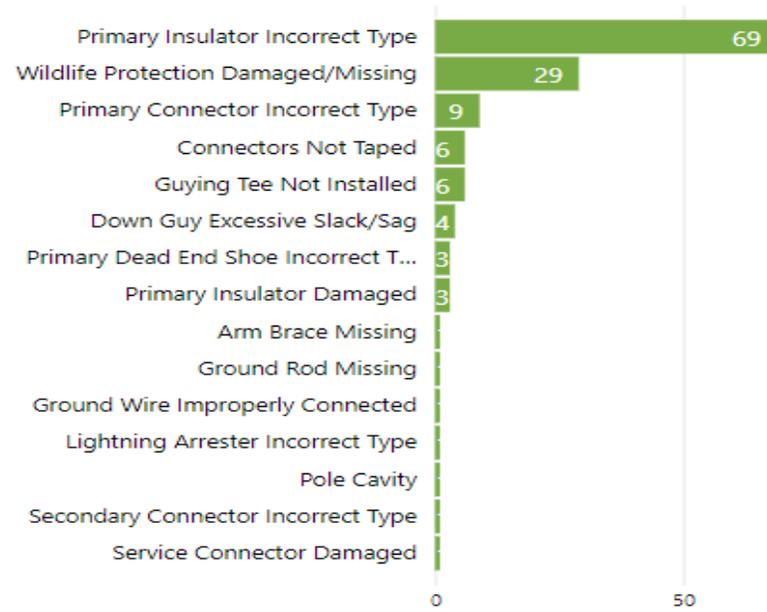
86%

P1 & P2 Total CR%

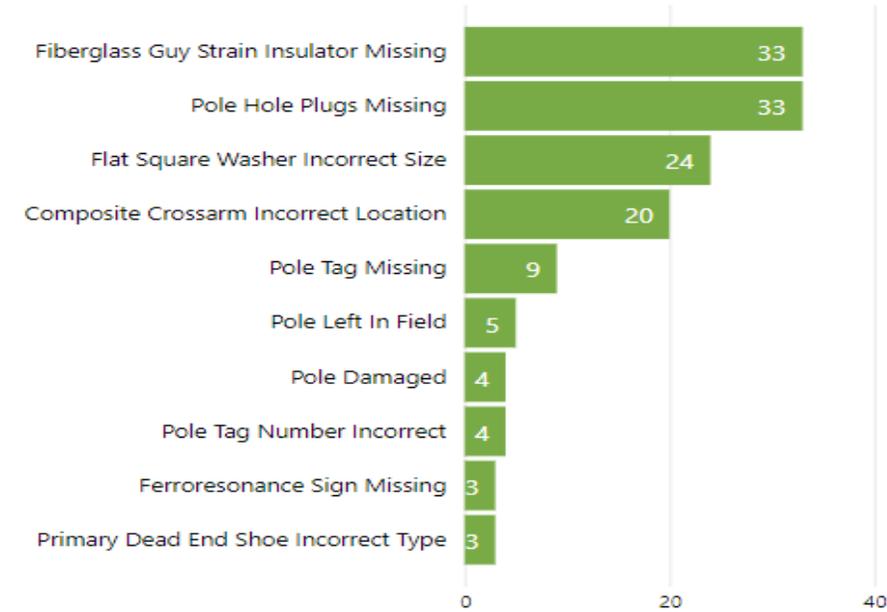
Non-Conformances by Priority



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	1	95.8%	95.0%	0	0	1	1	1	0	3	4
Medium	196	27	86.2%	95.0%	0	0	32	32	25	0	38	47
High	513	69	86.5%	98.0%	0	0	74	74	51	0	71	92
Very High	152	28	81.6%	100.0%	0	0	29	29	29	0	14	14
Total	885	125	85.9%		0	0	136	136	106	0	126	157

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

81

Total Inspections

74

Pass Total

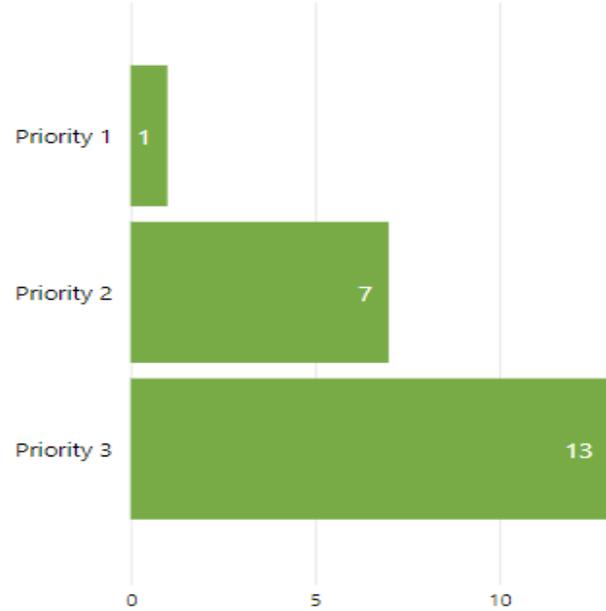
7

Potential Non-Conformances

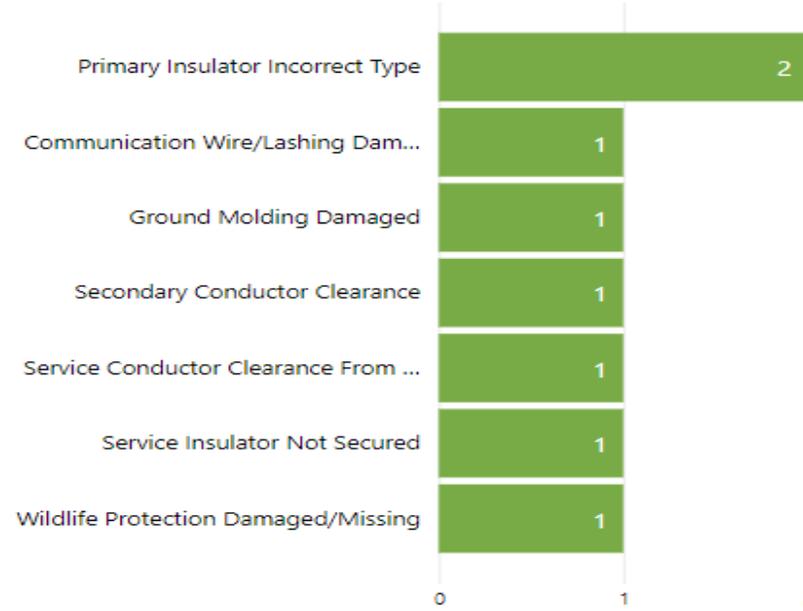
91%

P1 & P2 Total CR%

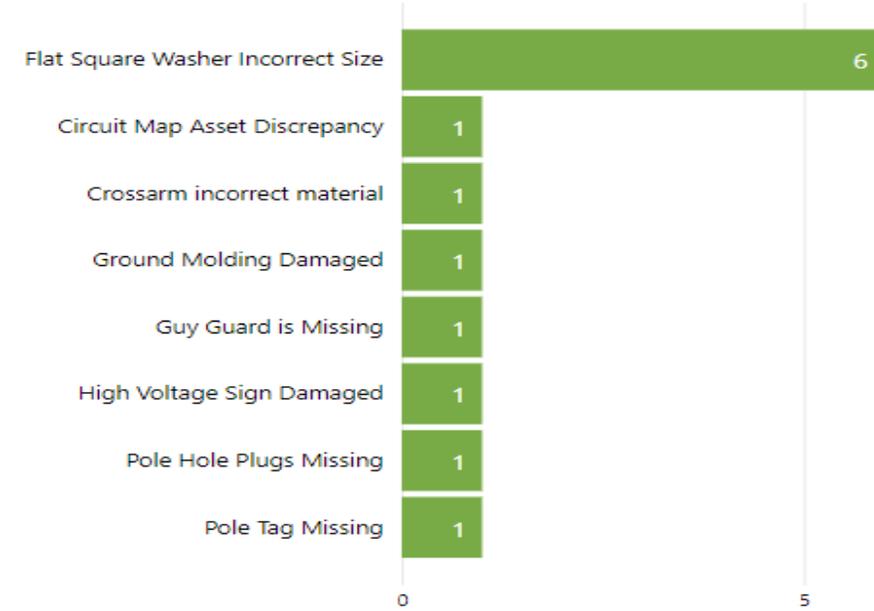
Non-Conformances by Priority



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	46	4	91.3%	95.0%	0	0	5	5	2	0	6	6
Medium	30	3	90.0%	95.0%	1	0	2	3	3	0	4	7
High	5	0	100.0%	98.0%	0	0	0	0	0	0	0	0
Very High		0			0	0	0	0	0	0	0	0
Total	81	7	91.4%		1	0	7	8	5	0	10	13

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

290

Total Inspections

236

Pass Total

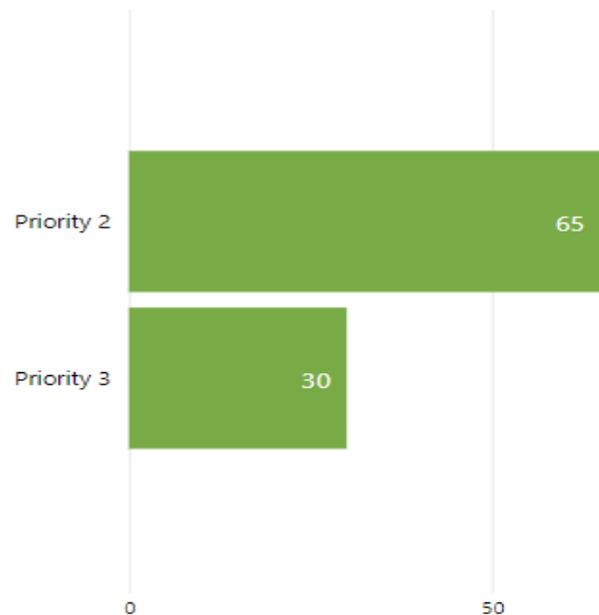
54

Potential Non-Conformances

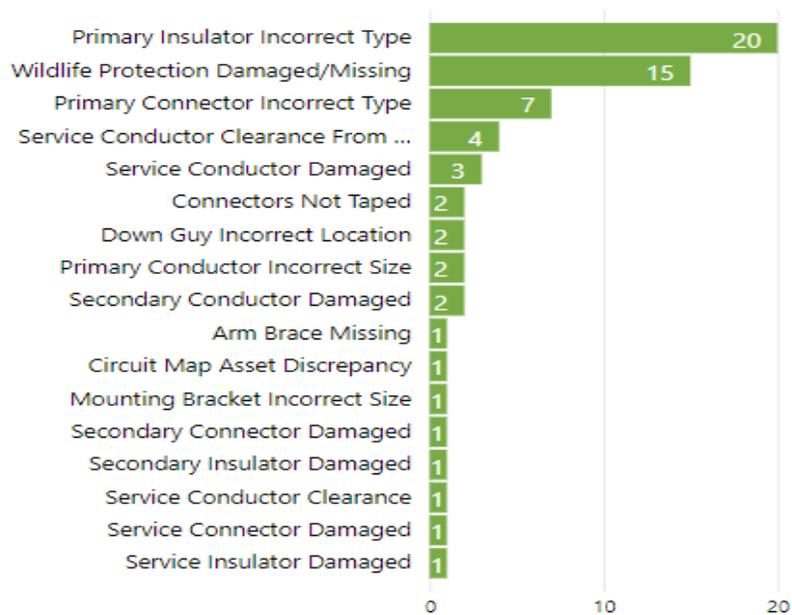
81%

P1 & P2 Total CR%

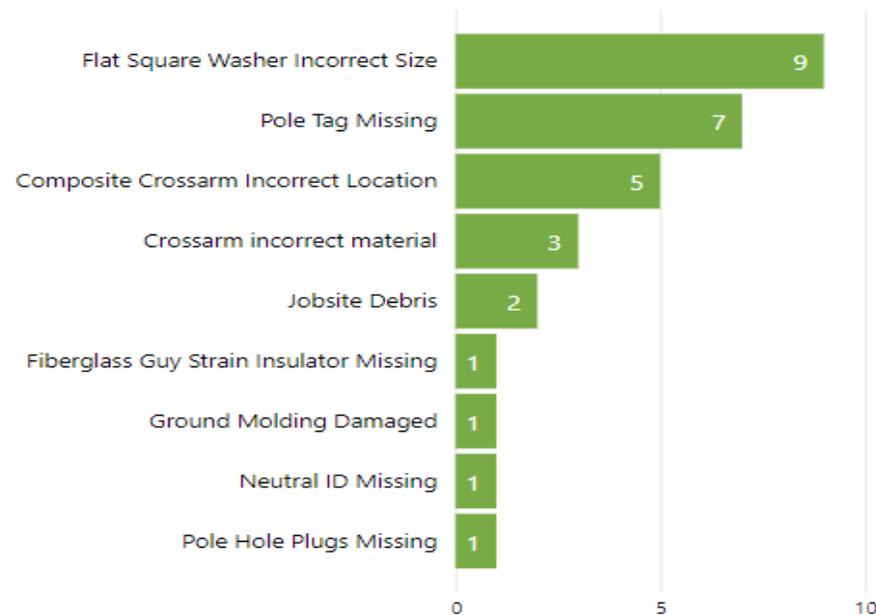
Non-Conformances by Priority



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	27	4	85.2%	95.0%	0	0	4	4	4	0	3	4
Medium	85	11	87.1%	95.0%	0	0	11	11	7	0	12	15
High	73	13	82.2%	98.0%	0	0	17	17	14	0	5	6
Very High	105	26	75.2%	100.0%	0	0	33	33	26	0	3	5
Total	290	54	81.4%		0	0	65	65	51	0	23	30

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

30

Total Inspections

26

Pass Total

4

Potential Non-Conformances

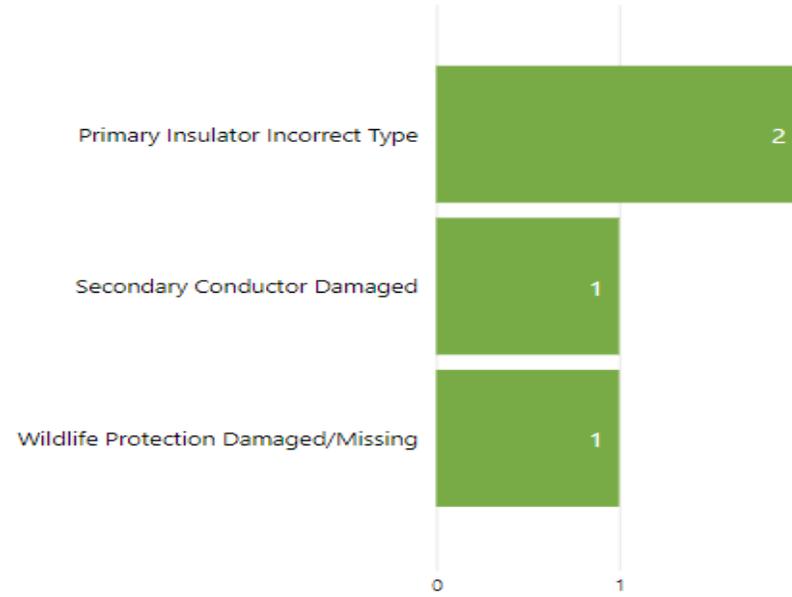
87%

P1 & P2 Total CR%

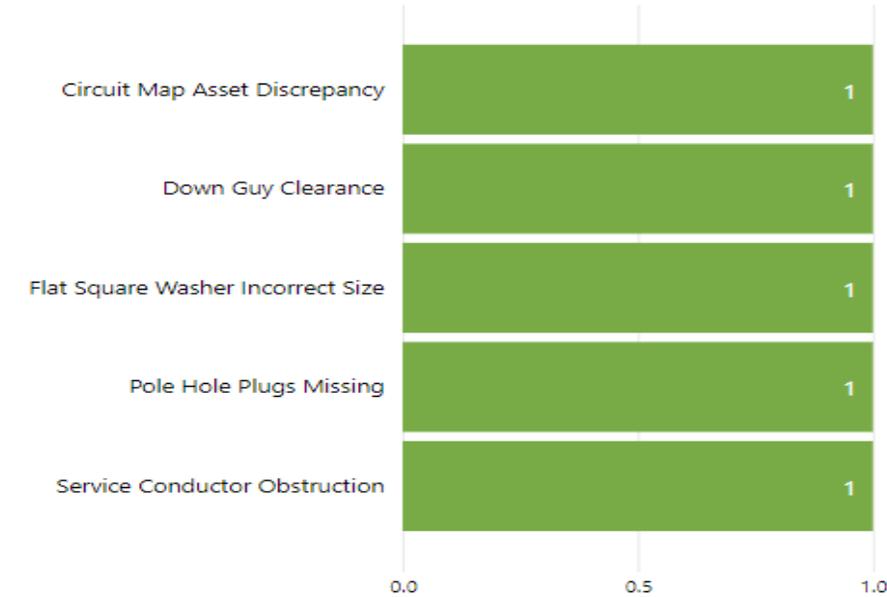
Non-Conformances by Priority



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	14	1	92.9%	95.0%	0	0	1	1	1	0	3	3
Medium	16	3	81.3%	95.0%	0	0	3	3	3	0	2	2
High		0			0	0	0	0	0	0	0	0
Very High		0			0	0	0	0	0	0	0	0
Total	30	4	86.7%		0	0	4	4	4	0	5	5

YTD April 2021 QC Results – San Jacinto

1,052

Total Inspections

642

Pass Total

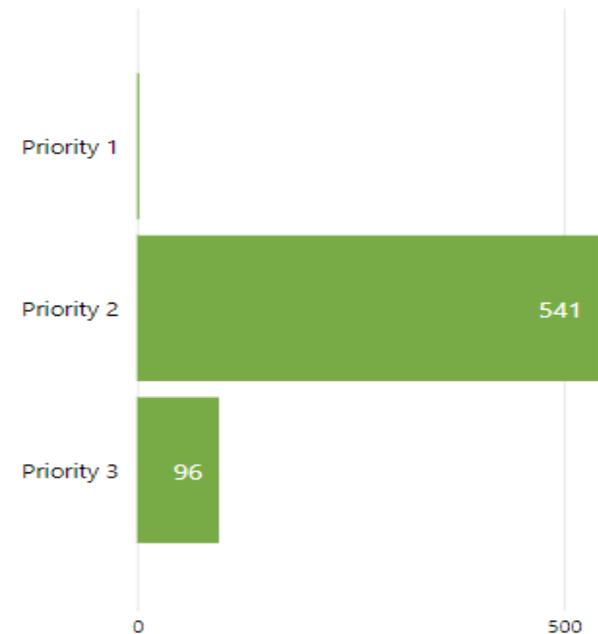
410

Potential Non-Conformances

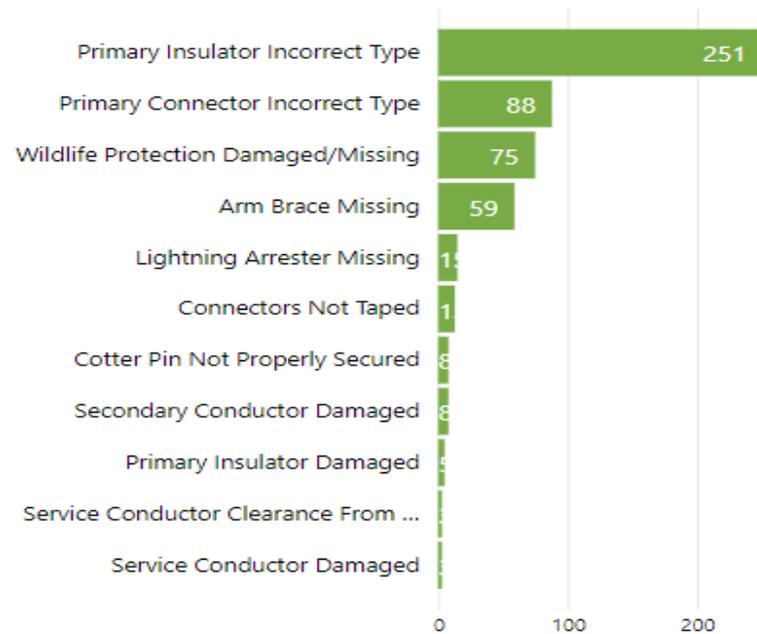
61%

P1 & P2 Total CR%

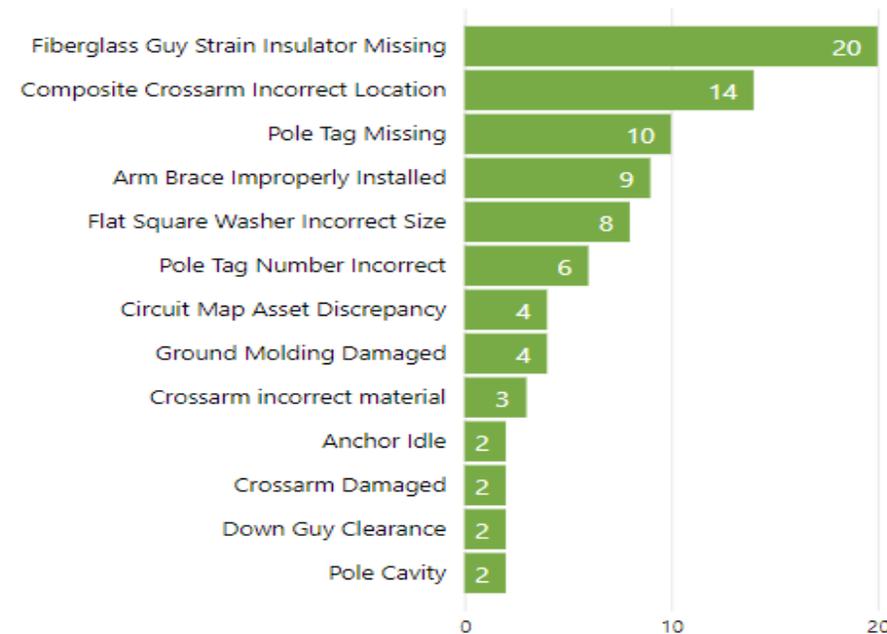
Non-Conformances by Priority



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	14	1	92.9%	95.0%	0	0	1	1	1	0	2	2
Medium	89	28	68.5%	95.0%	0	0	33	33	31	0	4	4
High	582	206	64.6%	98.0%	1	0	268	269	228	0	48	59
Very High	367	175	52.3%	100.0%	0	0	239	239	235	0	30	31
Total	1,052	410	61.0%		1	0	541	542	495	0	84	96