

T&D Quality Programs

District Manager Core Team Meeting
June 2021



Program Performance – BI Dashboard thru May 2021

Header	QC Structures Inspected	2021 YTD to May						Total					
		P1		P2		P3		P1 & P2 Findings		P1 & P2 Findings		P1 & P2 Findings	
Program Name		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count	Open Count	Overdue Count	Open Count	Overdue Count
Distribution Construction	3,841	5	99.9%	834	78.2%	338	91.2%	771	69	416	416	1,187	485
Transmission Construction	612	0	100.0%	25	95.9%	25	95.9%	18	0	8	8	26	8
Aerial Distribution	0	0	0	0	0	0	0	0	0	8	8	8	8
ODI	3,884	5	99.9%	187	95.2%	297	92.4%	88	4	0	0	88	4
Planning	911	78	91.4%	198	78.3%	172	81.1%	315	16	0	0	315	16
Intrusive	429	0	100.0%	5	98.8%	21	95.1%	4	0	0	0	4	0
Generation Inspections	0	0	0	0	0	0	0	0	0	3	3	3	3
TIMP	521	1	99.8%	7	98.7%	10	98.1%	7	0	0	0	7	0

Other Program Information

- QC Pole Loading program completed in May with a conformance rate of 97.4%
- New QC of Underground Detail Inspection program starting early June

Distribution Construction – YTD 2021 Results Through May

3,841

Total Inspections

2,999

Pass Total

842

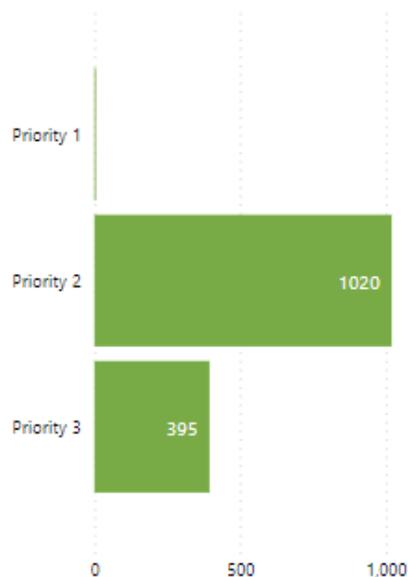
Potential Non-Conformances

78%

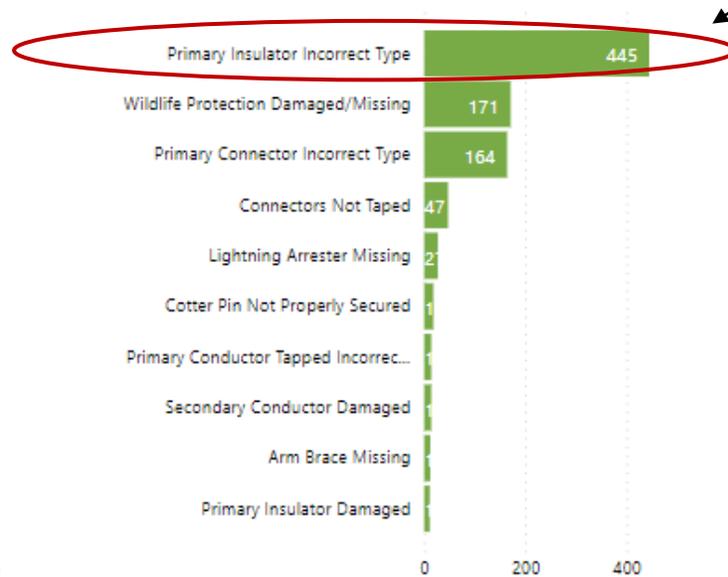
P1 & P2 Total CR%

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

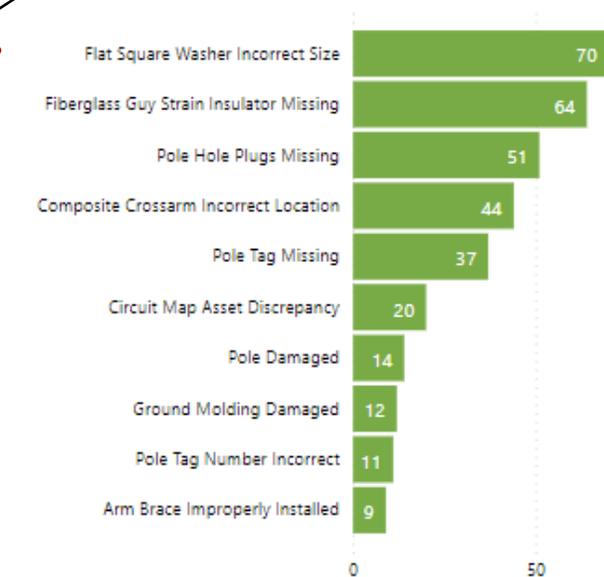
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



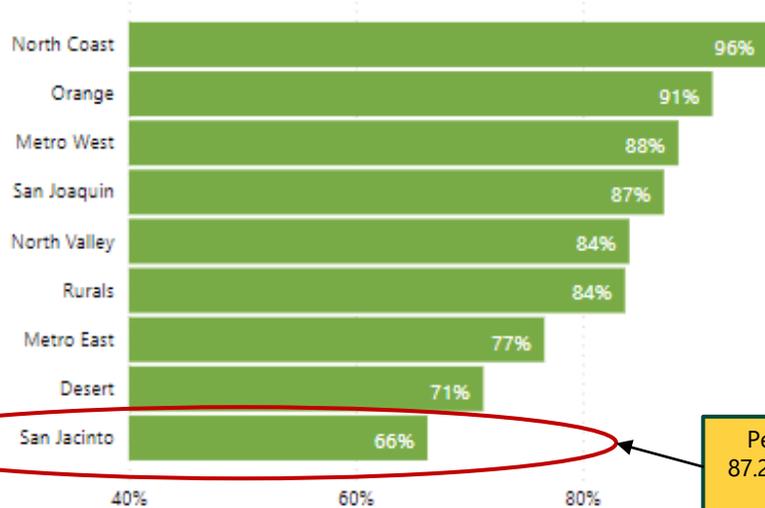
Program Name - REAX Score	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open
Distribution Construction (Very High)									
Very High	932	304	67%	100.0%	0	0	380	380	338
High	1,671	372	78%	98.0%	1	0	453	454	313
Medium	933	139	85%	95.0%	4	0	158	162	106
Low	305	27	91%	95.0%	0	0	29	29	14
Total	3,841	842	78%	97.0%	5	0	1,020	1,025	771

Distribution Construction – YTD 2021 Results Through May

Trend vs 1st QTR

Total	3,841 Total Inspections	2,999 Pass Total	842 Potential Non-Conformances	78% P1 & P2 Total CR%	↑ +3%
SCE	654 Total Inspections	584 Pass Total	70 Potential Non-Conformances	89% P1 & P2 Total CR%	↑ +2%
Contractor	3,187 Total Inspections	2,415 Pass Total	772 Potential Non-Conformances	76% P1 & P2 Total CR%	↑ +4%

Conformance Rate by Region | District



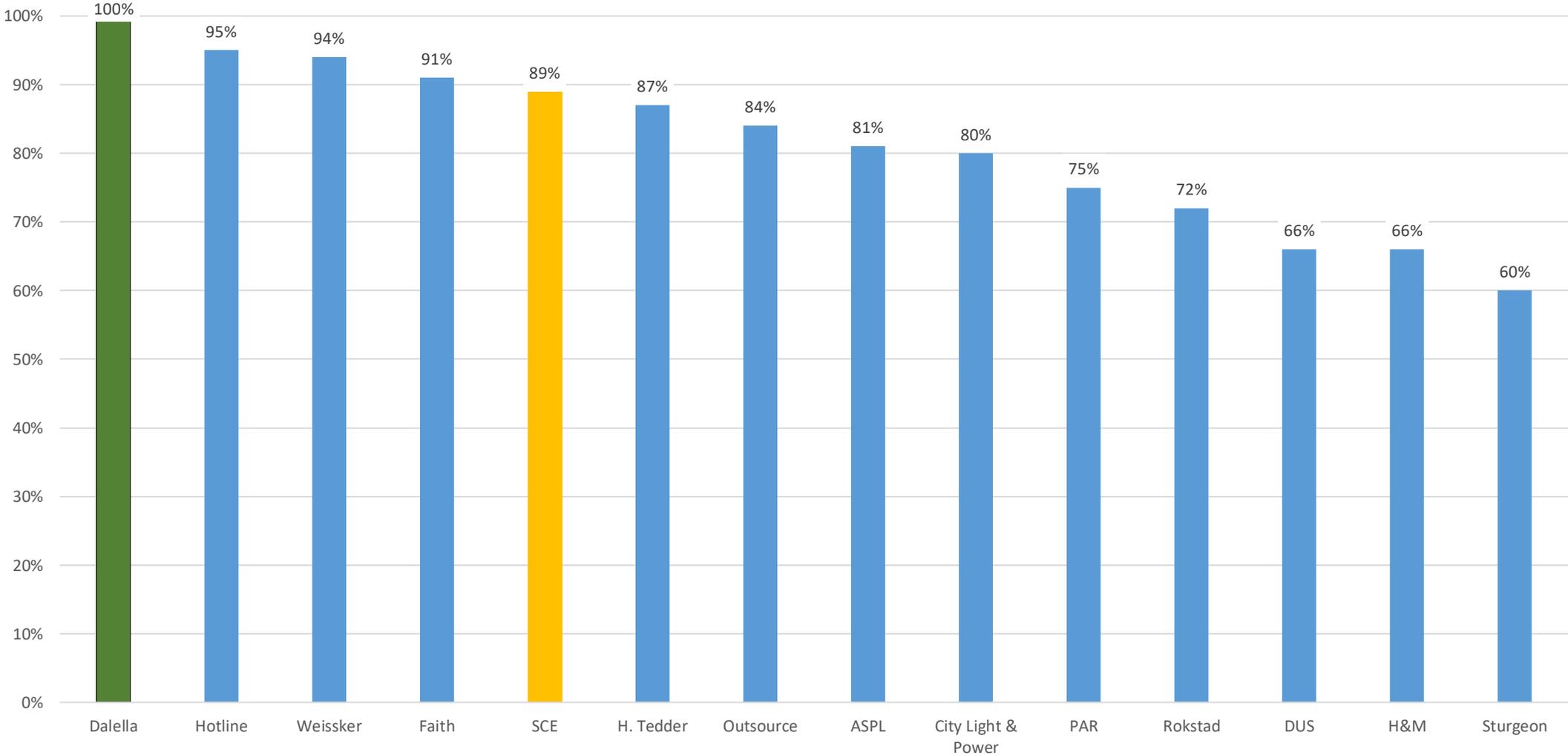
Conformance Rate Trending



Performance was 87.2% for the month of May

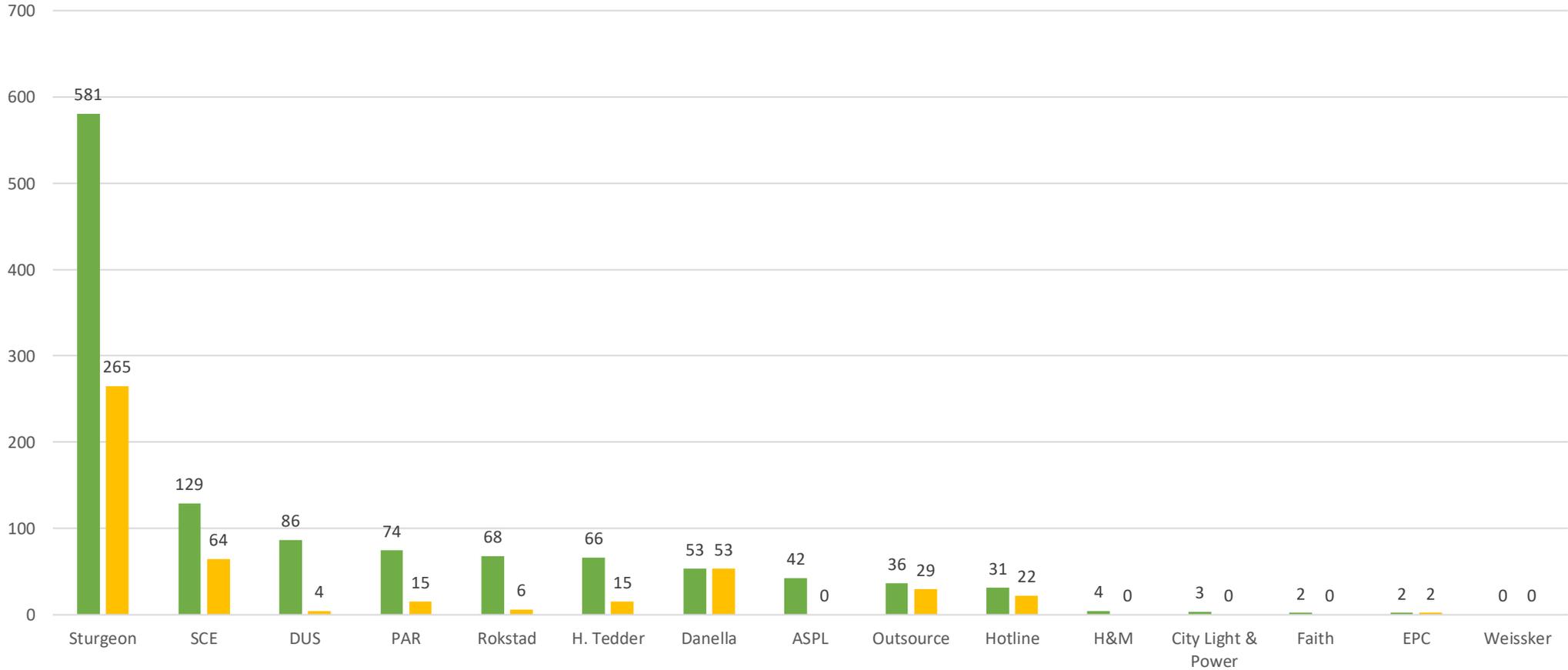
QC Results By Contractor

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



QC Results By Contractor

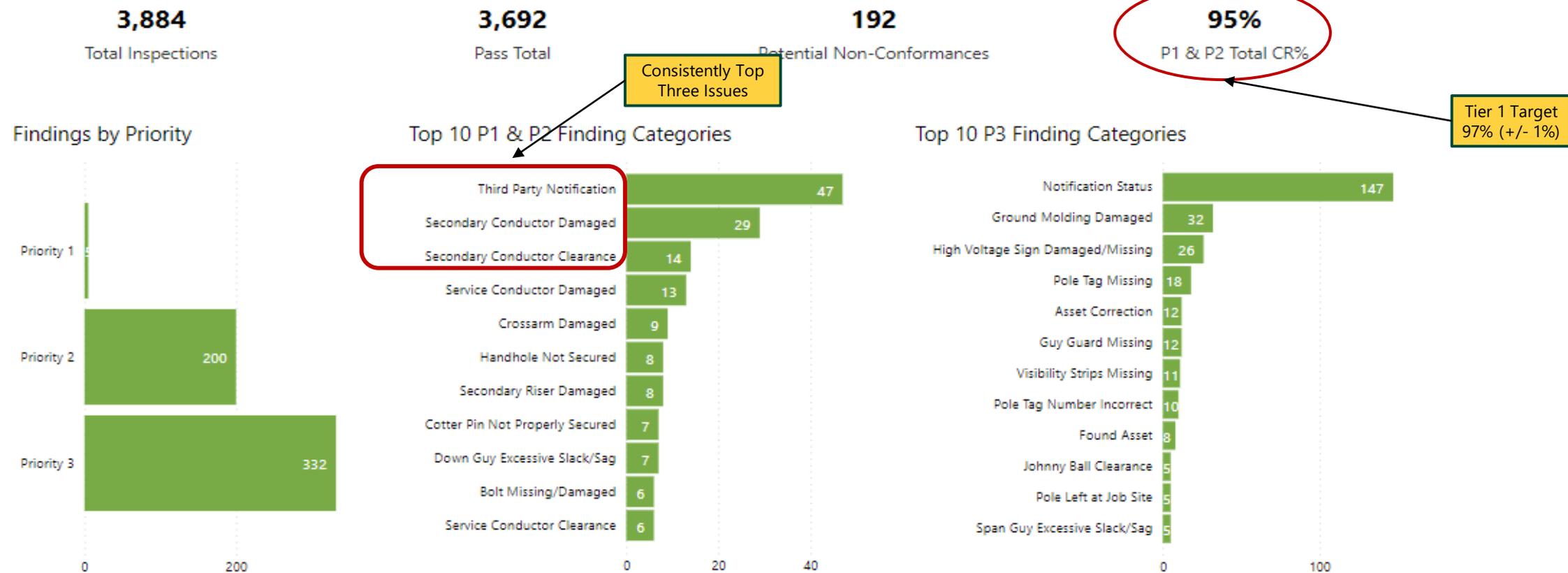
QC Distribution Construction Program – Open & Past Due Findings
YTD May 2021



Note: Past Due includes 2020 & 2021 Findings

■ Open ■ Past Due

Overhead Detail Inspection - YTD 2021 Results Through May



Program Name - REAX Score	FLOCS				P1 & P2 Findings					
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	
ODI (High)										
Very High	876	35	96%	98.0%	1	0	37	38	32	
High	1,136	31	97%	95.0%	0	0	31	31	19	
Medium	970	67	93%	95.0%	2	0	72	74	6	
Low	567	33	94%	90.0%	0	0	34	34	11	
Total	3,549	166	95%	94.5%	3	0	174	177	68	

QC Planning - YTD 2021 Results Through May- Preliminary

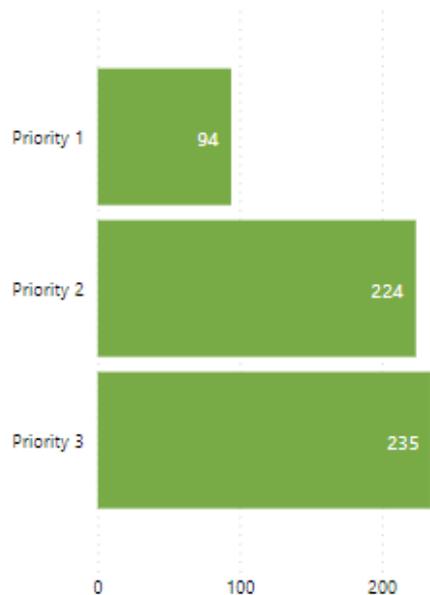
911
Total Inspections

635
Pass Total

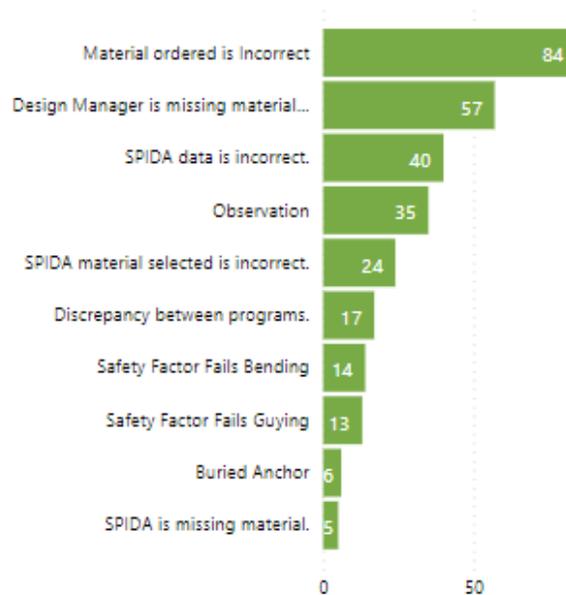
276
Potential Non-Conformances

70%
P1 & P2 Total CR%

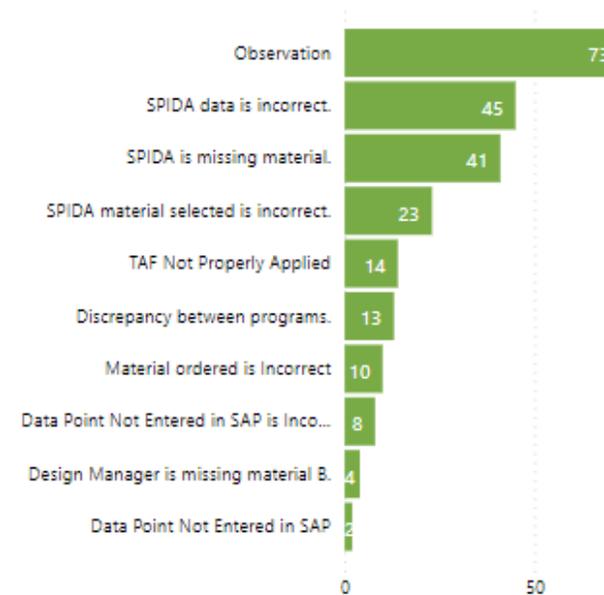
Findings by Priority



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
Planning (High)												
Very High	47	8	83%	98.0%	0	0	11	11	11	0	5	9
High	273	99	64%	95.0%	34	0	77	111	111	2	39	48
Medium	510	139	73%	95.0%	49	0	112	161	159	14	102	137
Low	81	30	63%	90.0%	11	0	24	35	34	0	26	41
Total	911	276	70%	94.5%	94	0	224	318	315	16	172	235

QC Planning – YTD 2021 Results Through May- Preliminary

Trend vs 1st QTR

911

Total Inspections

635

Pass Total

276

Potential Non-Conformances

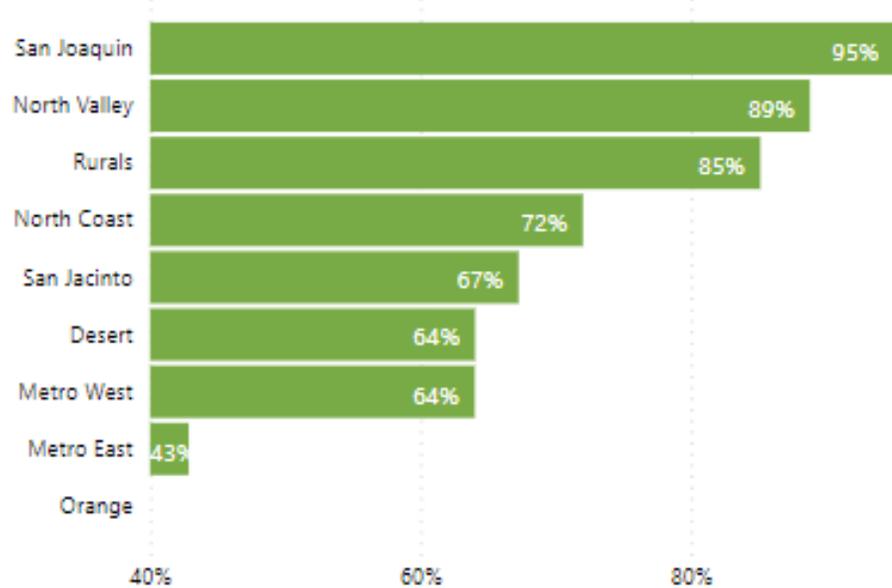
70%

P1 & P2 Total CR%

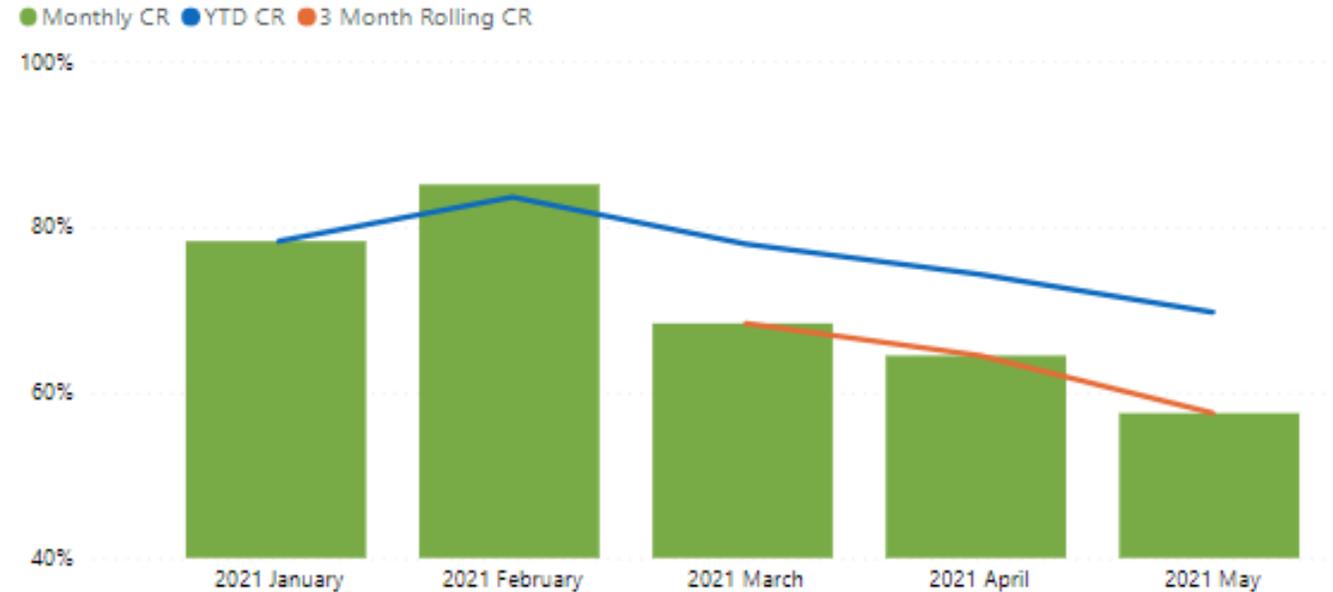
-8%



Conformance Rate by Region | District



Conformance Rate Trending



APPENDIX



Draft YTD May 2021 QC Results (Dist. Construction) – Sturgeon/San Jacinto Region

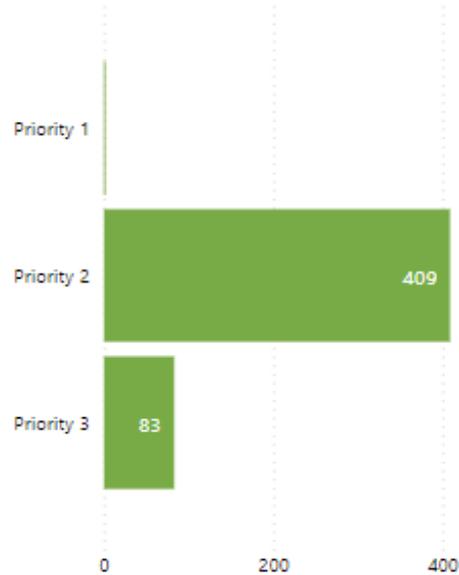
815
Total Inspections

492
Pass Total

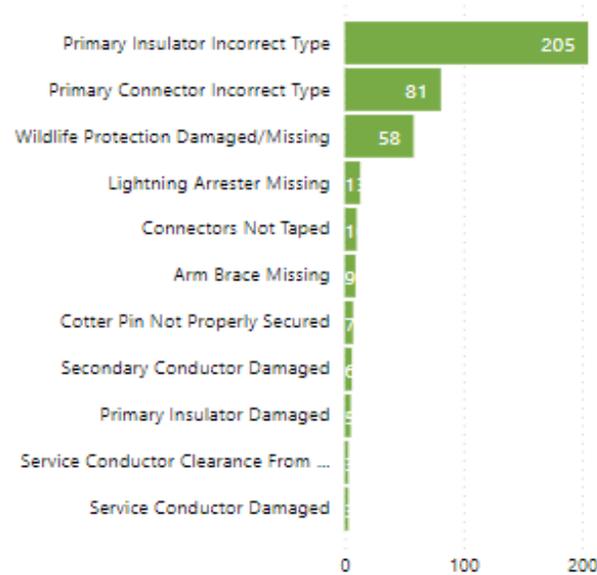
323
Potential Non-Conformances

60%
P1 & P2 Total CR%

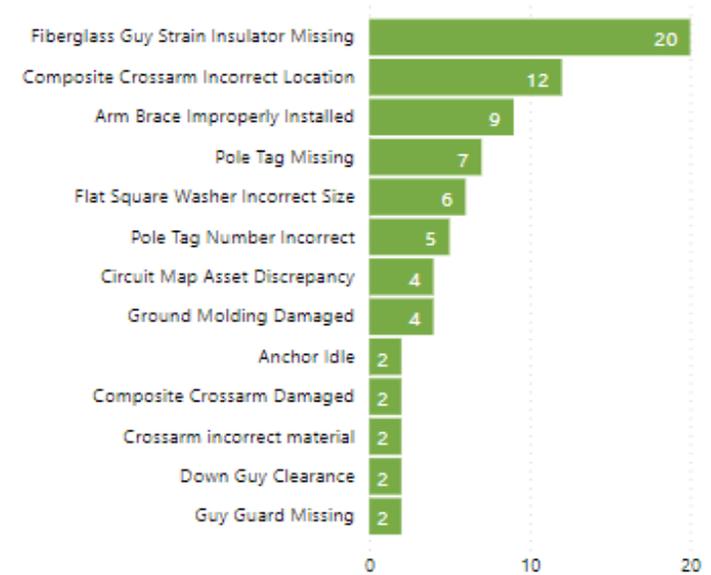
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings				
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open
Distribution Construction (Very High)									
Very High	353	157	56%	100.0%	0	0	190	190	179
High	409	155	62%	98.0%	1	0	207	208	171
Medium	46	10	78%	95.0%	0	0	11	11	10
Low	7	1	86%	95.0%	0	0	1	1	1
Total	815	323	60%	97.0%	1	0	409	410	361

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

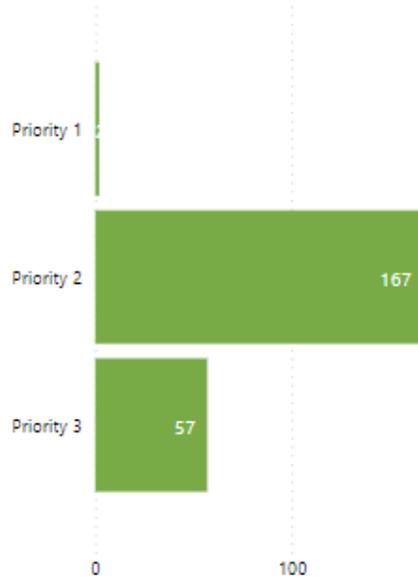
435
Total Inspections

310
Pass Total

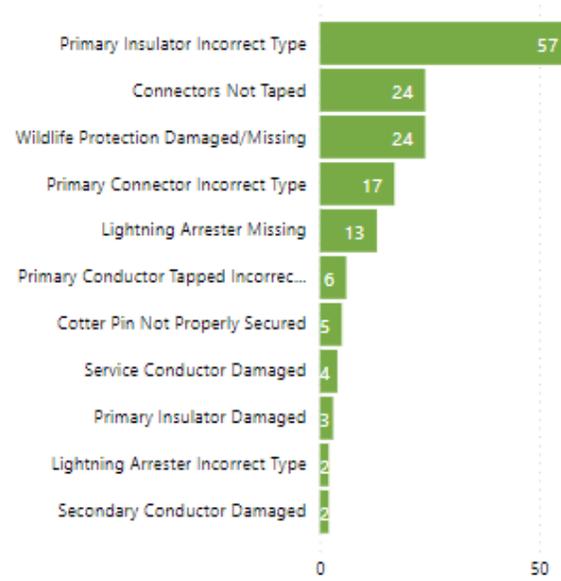
125
Potential Non-Conformances

71%
P1 & P2 Total CR%

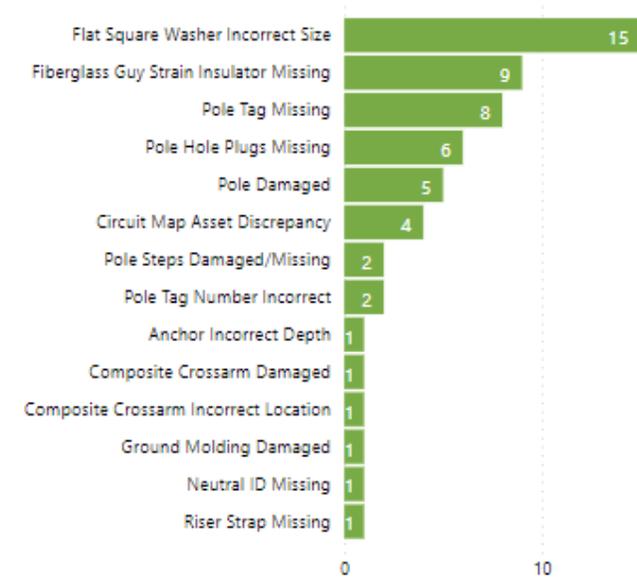
Findings by Priority



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 High)												
Very High	133	55	59%	100.0%	0	0	82	82	63	0	19	20
High	129	36	72%	98.0%	0	0	45	45	30	0	19	21
Medium	135	30	78%	95.0%	2	0	35	37	21	1	14	14
Low	38	4	89%	95.0%	0	0	5	5	2	0	2	2
Total	435	125	71%	97.0%	2	0	167	169	116	1	54	57

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

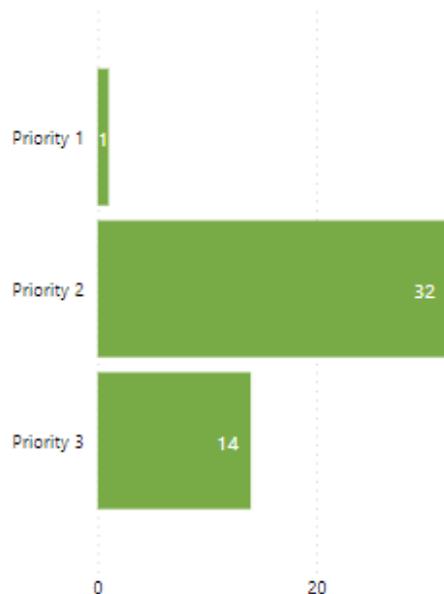
137
Total Inspections

105
Pass Total

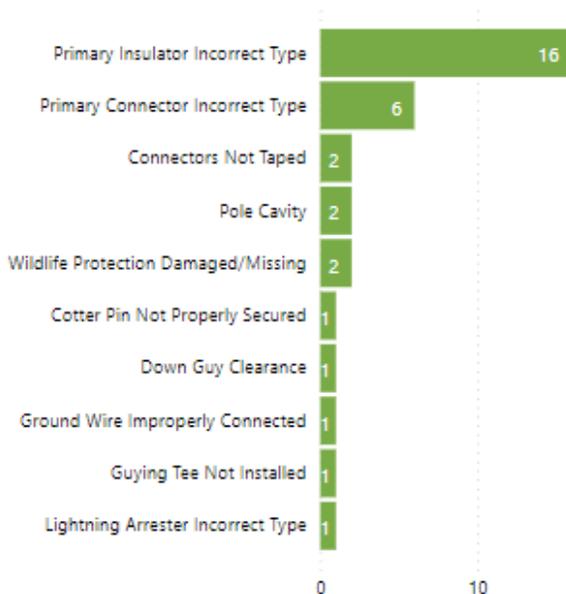
32
Potential Non-Conformances

77%
P1 & P2 Total CR%

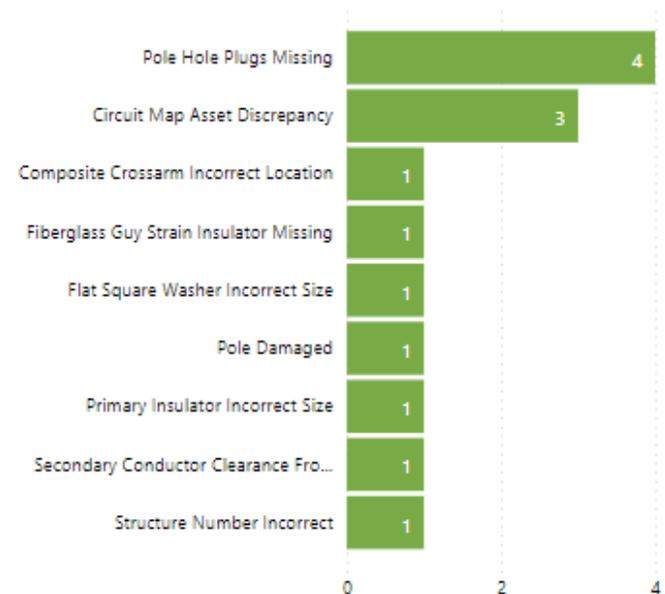
Findings by Priority



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 High)												
Very High	4	2	50%	100.0%	0	0	2	2	0	0	0	0
High	17	11	35%	98.0%	0	0	12	12	2	0	1	1
Medium	59	17	71%	95.0%	1	0	16	17	9	0	10	11
Low	57	2	96%	95.0%	0	0	2	2	1	0	2	2
Total	137	32	77%	97.0%	1	0	32	33	12	0	13	14

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

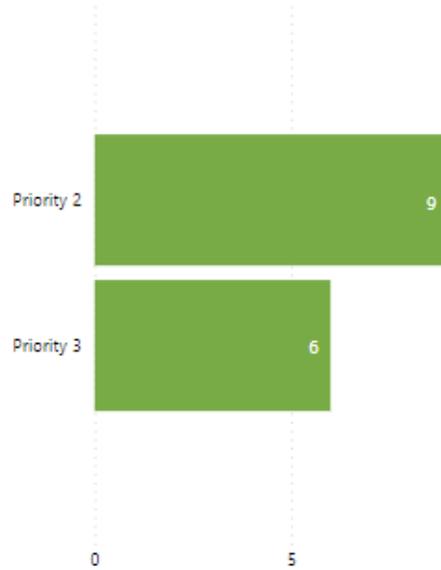
78
Total Inspections

69
Pass Total

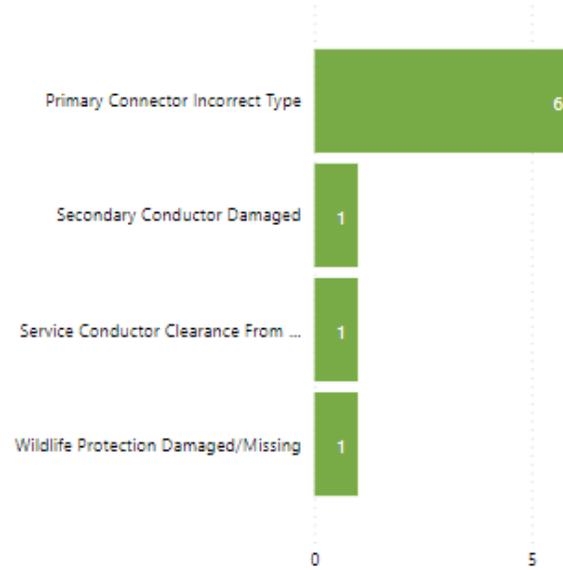
9
Potential Non-Conformances

88%
P1 & P2 Total CR%

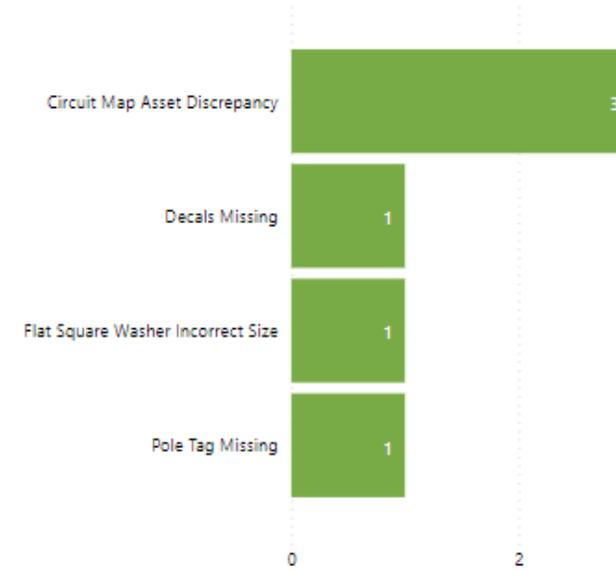
Findings by Priority



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 High)												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	15	2	87%	95.0%	0	0	2	2	1	0	3	3
Low	63	7	89%	95.0%	0	0	7	7	4	0	3	3
Total	78	9	88%	95.0%	0	0	9	9	5	0	6	6

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

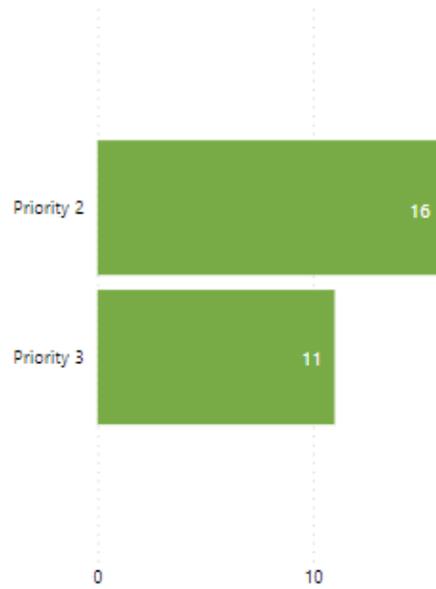
355
Total Inspections

342
Pass Total

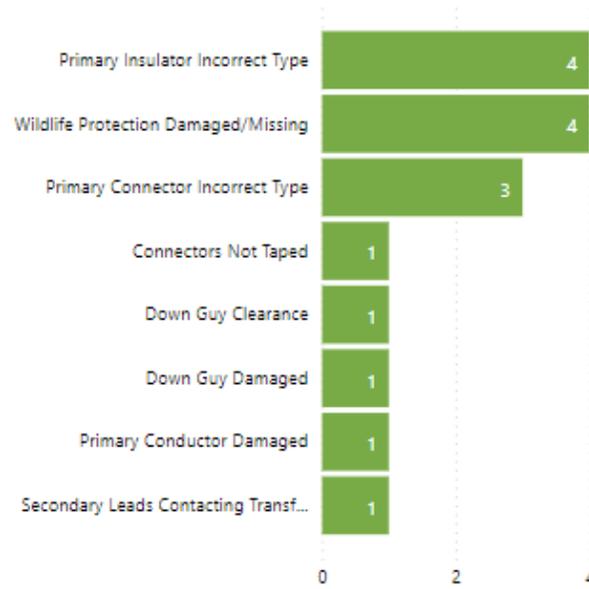
13
Potential Non-Conformances

96%
P1 & P2 Total CR%

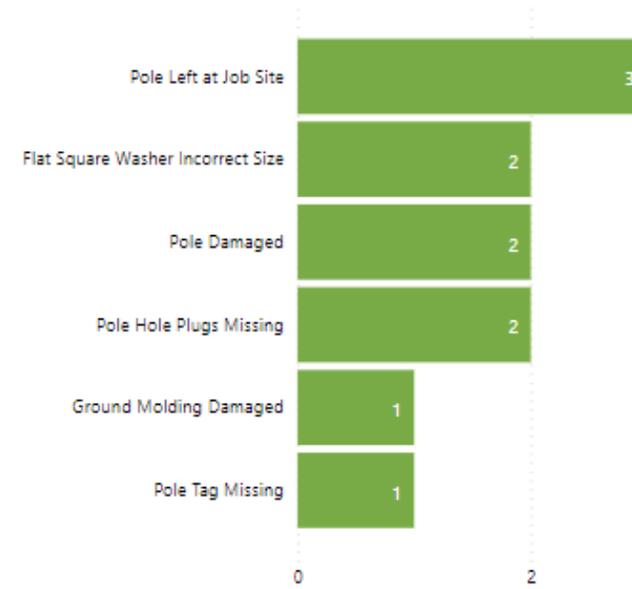
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

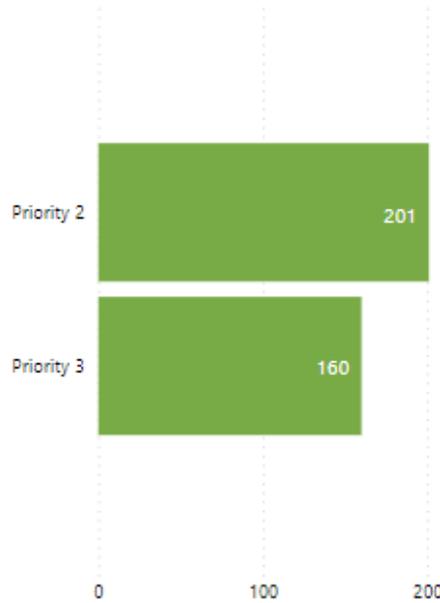


Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	28	0	100%	100.0%	0	0	0	0	0	0	0	0
High	113	1	99%	98.0%	0	0	1	1	1	0	4	4
Medium	195	10	95%	95.0%	0	0	13	13	12	0	7	7
Low	19	2	89%	95.0%	0	0	2	2	0	0	0	0
Total	355	13	96%	97.0%	0	0	16	16	13	0	11	11

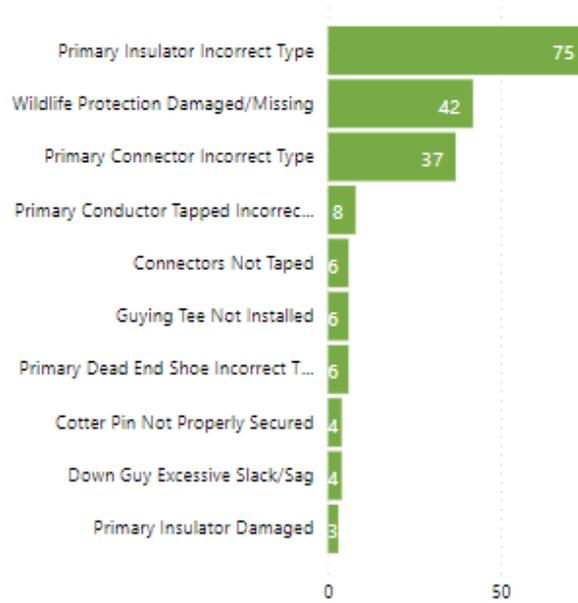
YTD May 2021 QC Results (Dist. Construction) – North Valley

1,128 Total Inspections **949** Pass Total **179** Potential Non-Conformances **84%** P1 & P2 Total CR%

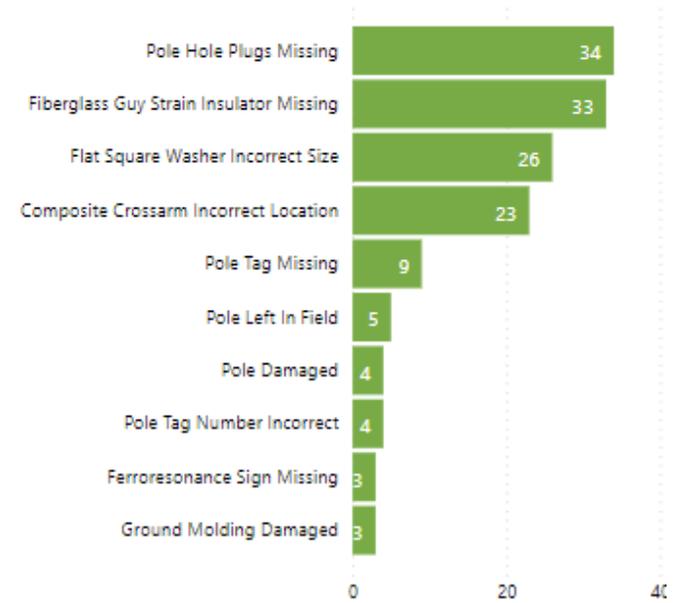
Findings by Priority



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 High)												
Very High	210	44	79%	100.0%	0	0	47	47	47	0	16	16
High	637	100	84%	98.0%	0	0	111	111	65	5	73	94
Medium	256	34	87%	95.0%	0	0	42	42	26	9	37	46
Low	25	1	96%	95.0%	0	0	1	1	1	0	3	4
Total	1,128	179	84%	97.0%	0	0	201	201	139	14	129	160

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

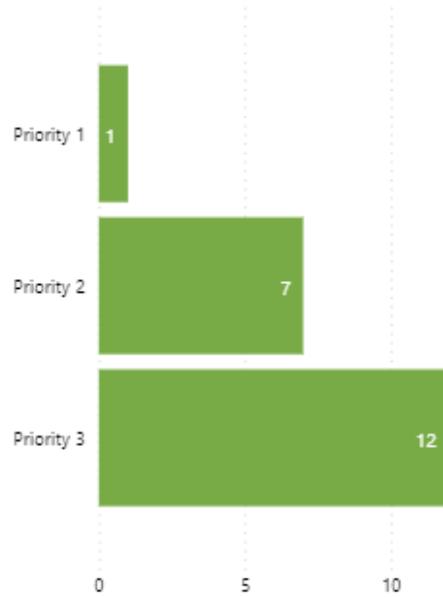
82
Total Inspections

75
Pass Total

7
Potential Non-Conformances

91%
P1 & P2 Total CR%

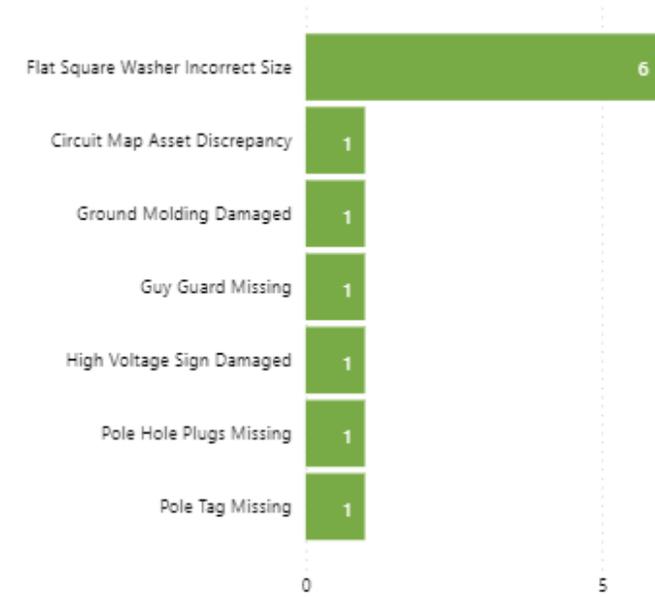
Findings by Priority



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 High)												
Very High		0			0	0	0	0	0	0	0	0
High	5	0	100%	98.0%	0	0	0	0	0	0	0	0
Medium	31	3	90%	95.0%	1	0	2	3	2	0	4	7
Low	46	4	91%	95.0%	0	0	5	5	1	0	5	5
Total	82	7	91%	96.0%	1	0	7	8	3	0	9	12

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

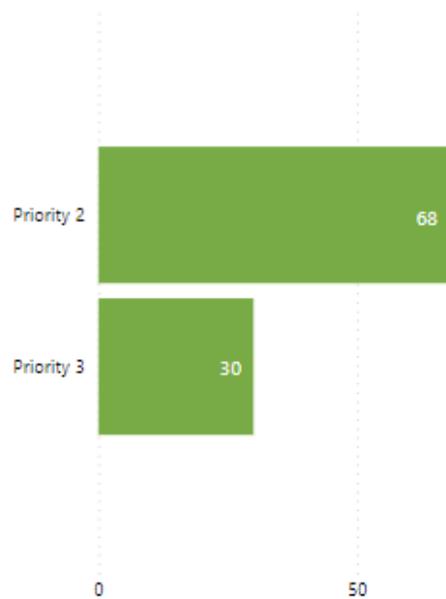
357
Total Inspections

299
Pass Total

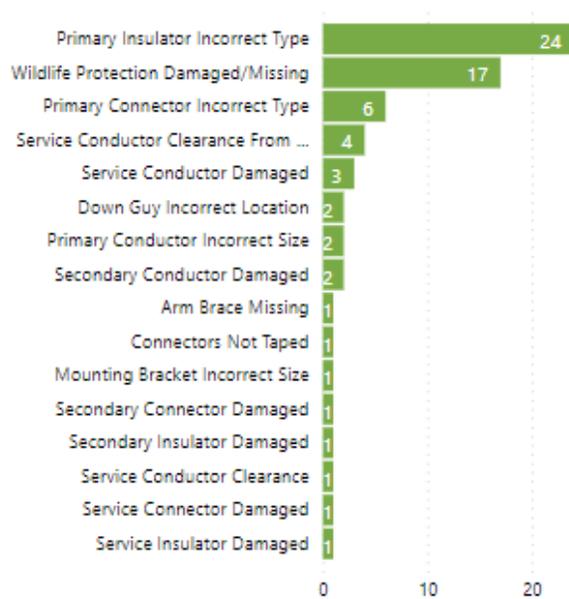
58
Potential Non-Conformances

84%
P1 & P2 Total CR%

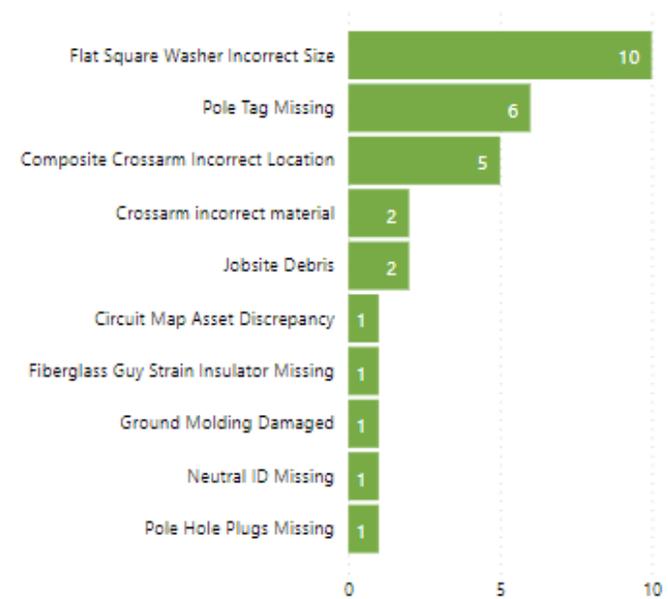
Findings by Priority



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 High)												
Very High	115	27	77%	100.0%	0	0	34	34	24	5	3	5
High	114	15	87%	98.0%	0	0	18	18	9	1	4	4
Medium	101	12	88%	95.0%	0	0	12	12	7	0	13	17
Low	27	4	85%	95.0%	0	0	4	4	2	0	3	4
Total	357	58	84%	97.0%	0	0	68	68	42	6	23	30

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

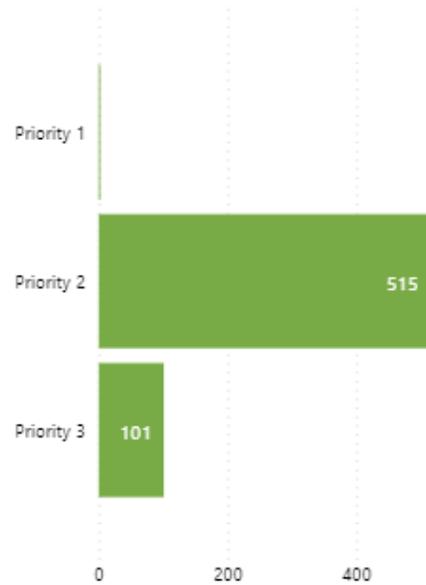
1,230
Total Inspections

816
Pass Total

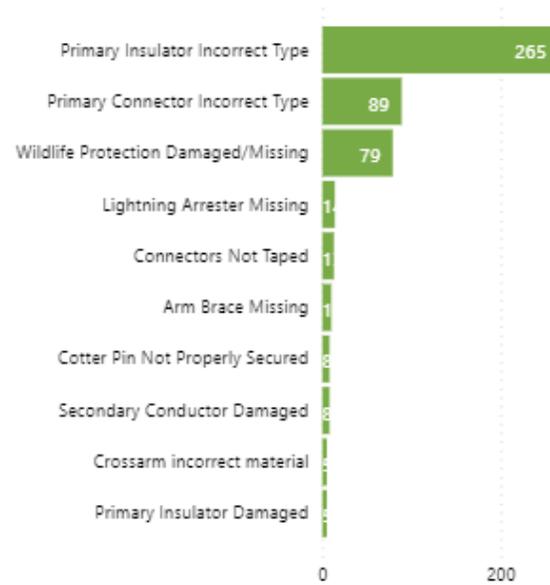
414
Potential Non-Conformances

66%
P1 & P2 Total CR%

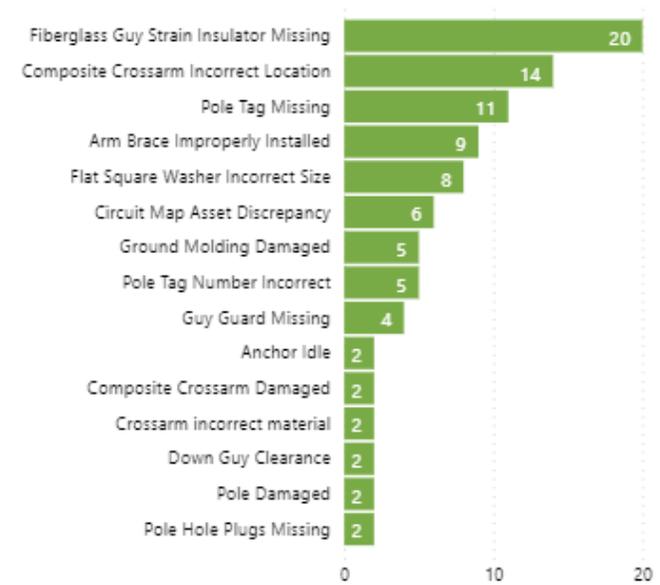
Findings by Priority



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 High)												
Very High	442	176	60%	100.0%	0	0	215	215	204	19	36	37
High	656	209	68%	98.0%	1	0	266	267	206	27	46	57
Medium	118	28	76%	95.0%	0	0	33	33	25	2	5	5
Low	14	1	93%	95.0%	0	0	1	1	1	0	2	2
Total	1,230	414	66%	97.0%	1	0	515	516	436	48	89	101

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

39

Total Inspections

34

Pass Total

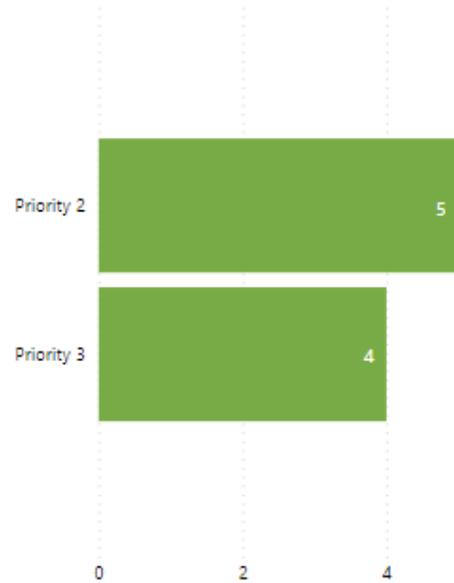
5

Potential Non-Conformances

87%

P1 & P2 Total CR%

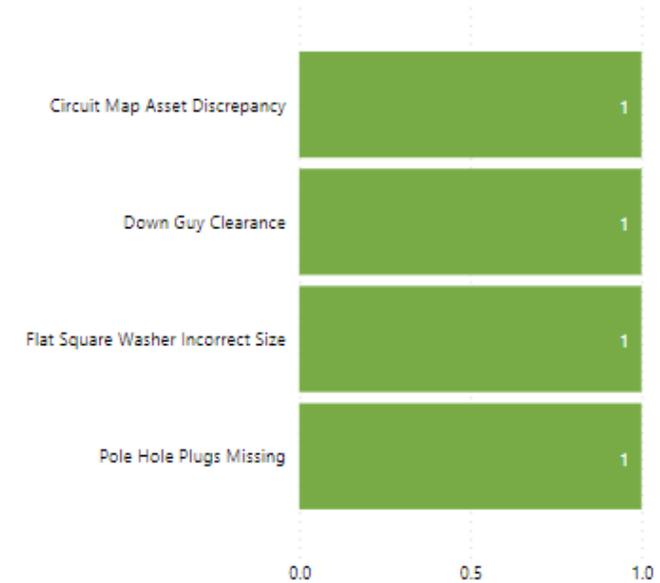
Findings by Priority



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 High)												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	23	3	87%	95.0%	0	0	3	3	3	0	2	2
Low	16	2	88%	95.0%	0	0	2	2	2	0	2	2
Total	39	5	87%	95.0%	0	0	5	5	5	0	4	4

Updated Quality Dashboard

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

Program Details Page

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

Quality Control Programs (Restricted Access) | Data updated 4/14/21

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