

# T&D Quality Programs

DM Core Team Meeting  
March 2, 2021



## Program Performance – BI Dashboard thru January 2021

Header	QC Structures Inspected	P1		P2		P3		P1 & P2 Findings	
Program Name		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count
Distribution Construction	628	0	100.0%	168	77.7%	174	80.7%	168	0
Transmission Construction	0	0	0	0	0	0	0	0	0
Aerial Distribution	0	0	0	0	0	0	0	0	0
ODI	1,249	2	99.8%	98	92.8%	130	91.0%	100	0
Intrusive	73	0	100.0%	0	100.0%	0	100.0%	0	0
GOCI	0	0	0	0	0	0	0	0	0
Planning	69	5	92.8%	11	85.5%	19	73.9%	16	0
TIMP	0	0	0	0	0	0	0	0	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	162	0	100.0%	7	95.7%	0	100.0%	7	0

# QC Results thru January 2021 (Dist. Construction)

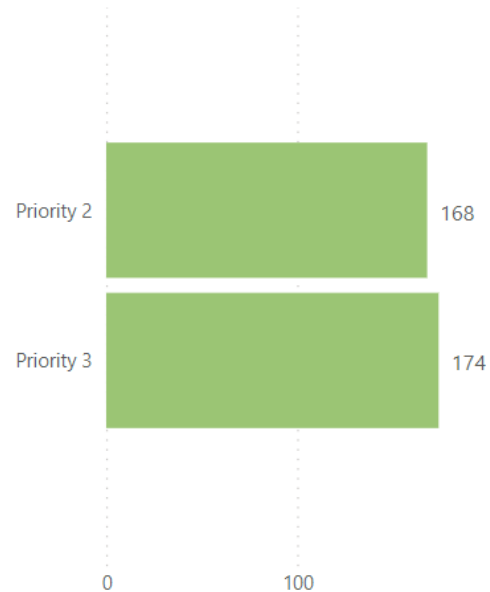
**628**  
Total Inspections

**488**  
Pass Total

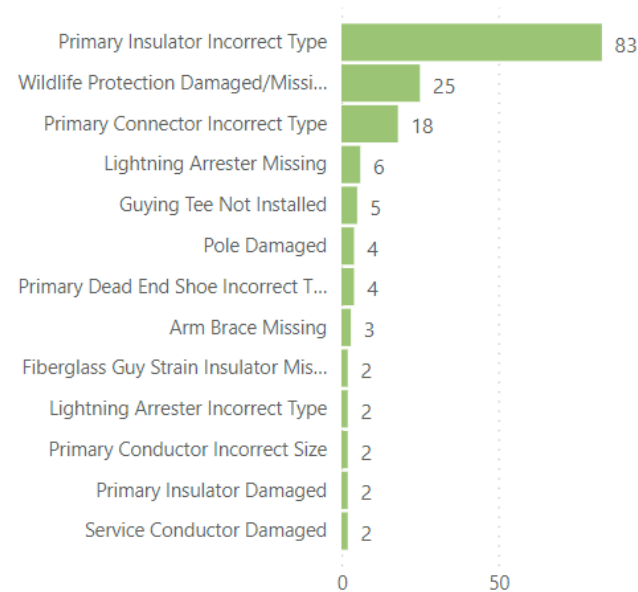
**140**  
Potential Non-Conformances

**77.7%**  
P1 & P2 Total CR%

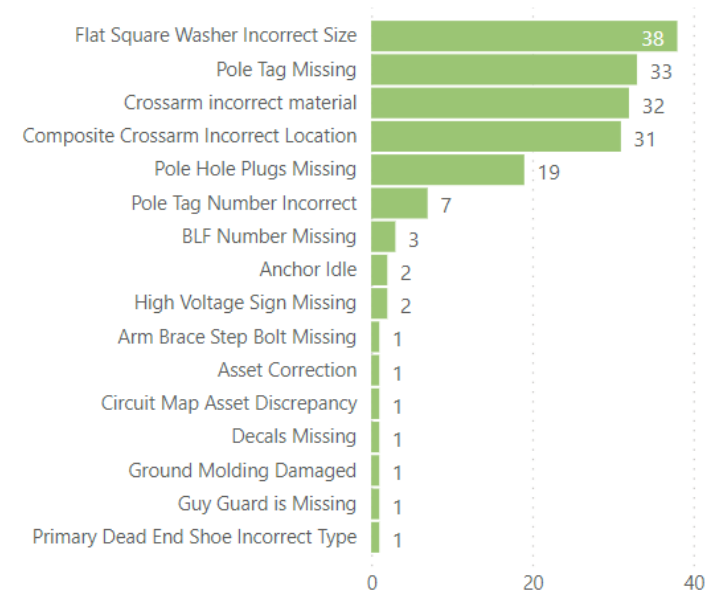
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



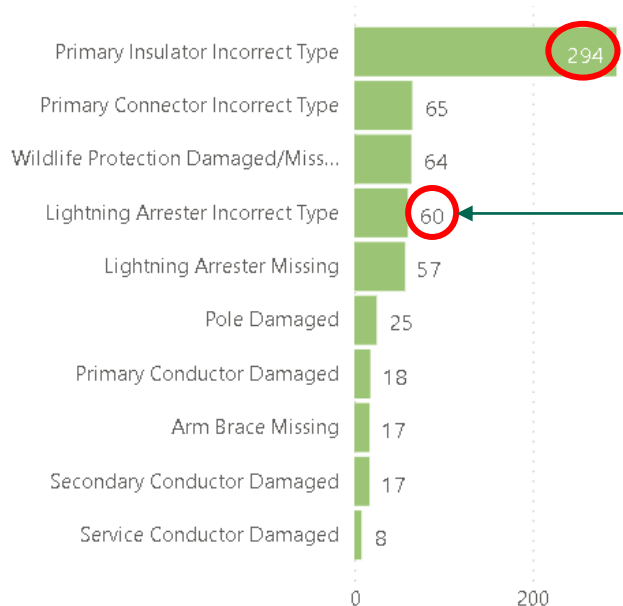
Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	P1 & P2 Total	Open	Past Due	FLOC PNC	P3
<b>Distribution Construction (Very High)</b>												
Very High	103	35	66.0%	100.0%	0	0	46	46	46	0	4	4
High	314	72	77.1%	98.0%	0	0	82	82	82	0	67	108
Medium	159	30	81.1%	95.0%	0	0	37	37	37	0	45	57
Low	52	3	94.2%	95.0%	0	0	3	3	3	0	5	5
<b>Total</b>	<b>628</b>	<b>140</b>	<b>77.7%</b>		<b>0</b>	<b>0</b>	<b>168</b>	<b>168</b>	<b>168</b>	<b>0</b>	<b>121</b>	<b>174</b>

Results Below TL

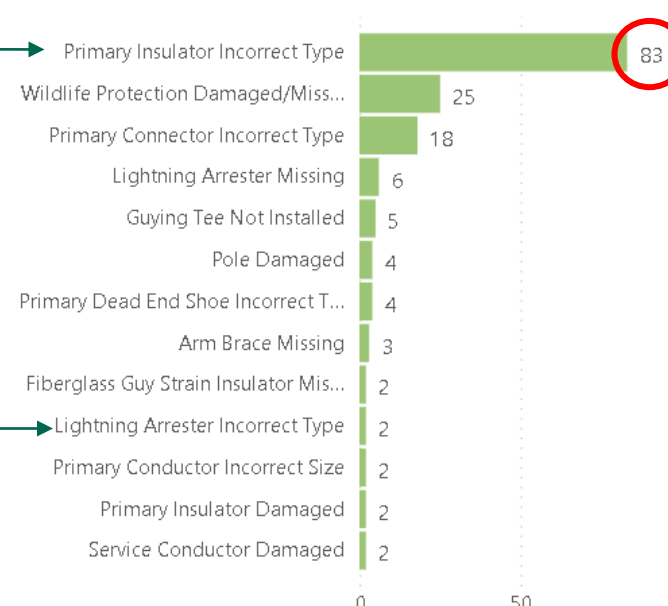
# QC Results Dist. Construction – 2020 YTD vs Jan YTD

<b>4<sup>th</sup> QTR 2020</b>	<b>3,314</b> Total Inspections	<b>2,685</b> Pass Total	<b>629</b> Potential Non-Conformances	<b>81.0%</b> P1 & P2 Total CR%
<b>YTD, Jan.</b>	<b>628</b> Total Inspections	<b>488</b> Pass Total	<b>140</b> Potential Non-Conformances	<b>77.7%</b> P1 & P2 Total CR%

**4<sup>th</sup> QTR 2020**  
Top 10 P1 & P2 Finding Categories



**Jan 2021**  
Top 10 P1 & P2 Finding Categories



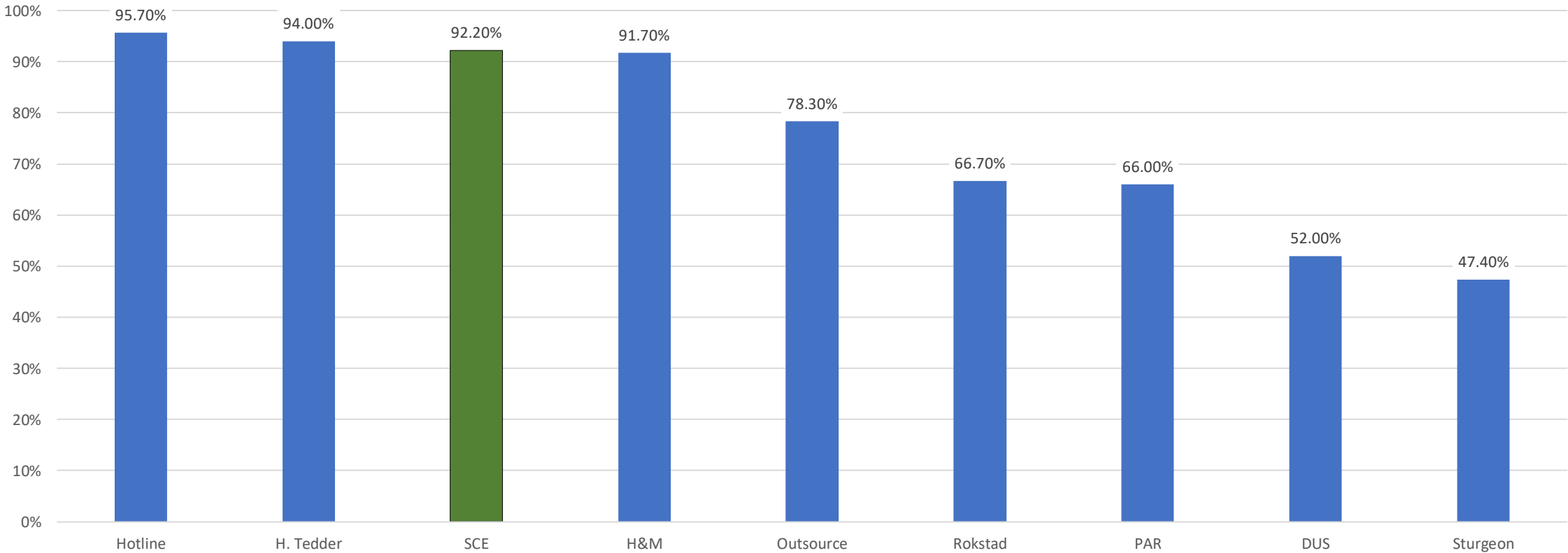
- Represents almost 60% of findings
- Action Plan is needed to provide pathway to Green.

# QC Results thru January 2021 (Dist. Construction)

<b>Total</b>	<b>628</b> Total Inspections	<b>488</b> Pass Total	<b>140</b> Potential Non-Conformances	<b>77.7%</b> P1 & P2 Total CR%
<b>SCE</b>	<b>102</b> Total Inspections	<b>94</b> Pass Total	<b>8</b> Potential Non-Conformances	<b>92.2%</b> P1 & P2 Total CR%
<b>Contractor</b>	<b>526</b> Total Inspections	<b>394</b> Pass Total	<b>132</b> Potential Non-Conformances	<b>74.9%</b> P1 & P2 Total CR%

# QC Results By Contractor

QC Distribution Construction Program January 2021  
Conformance Rate (%) by Contractor



• Chart being added to dashboard in 2021

## QC Results thru January 2021 (ODI)

1,309

Total Inspections

1,217

Pass Total

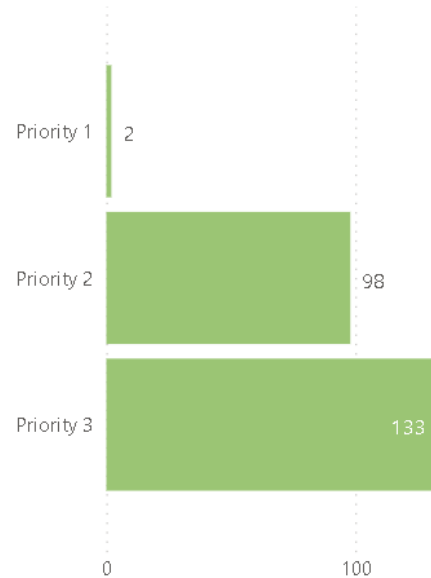
92

Potential Non-Conformances

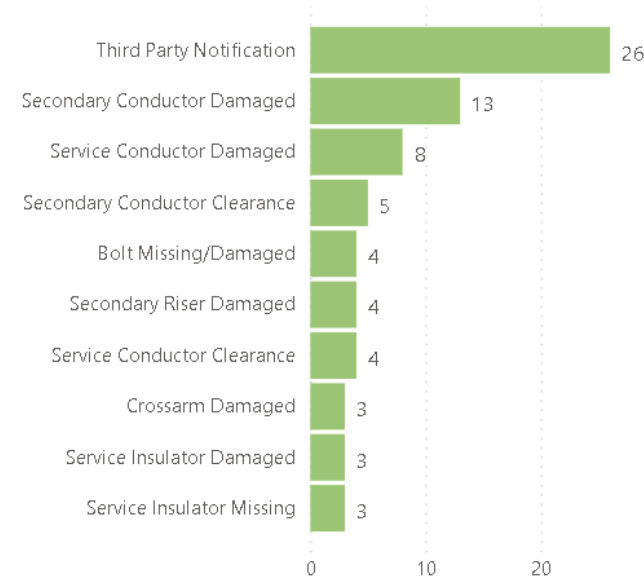
93.0%

P1 & P2 Total CR%

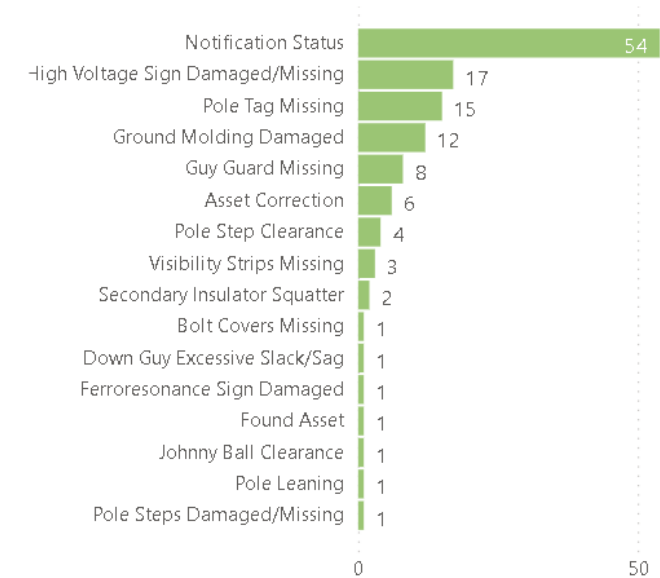
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

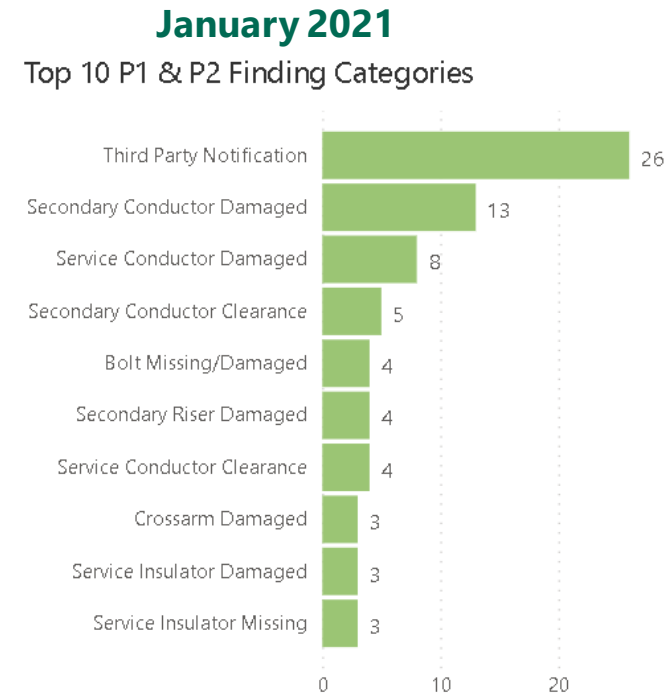
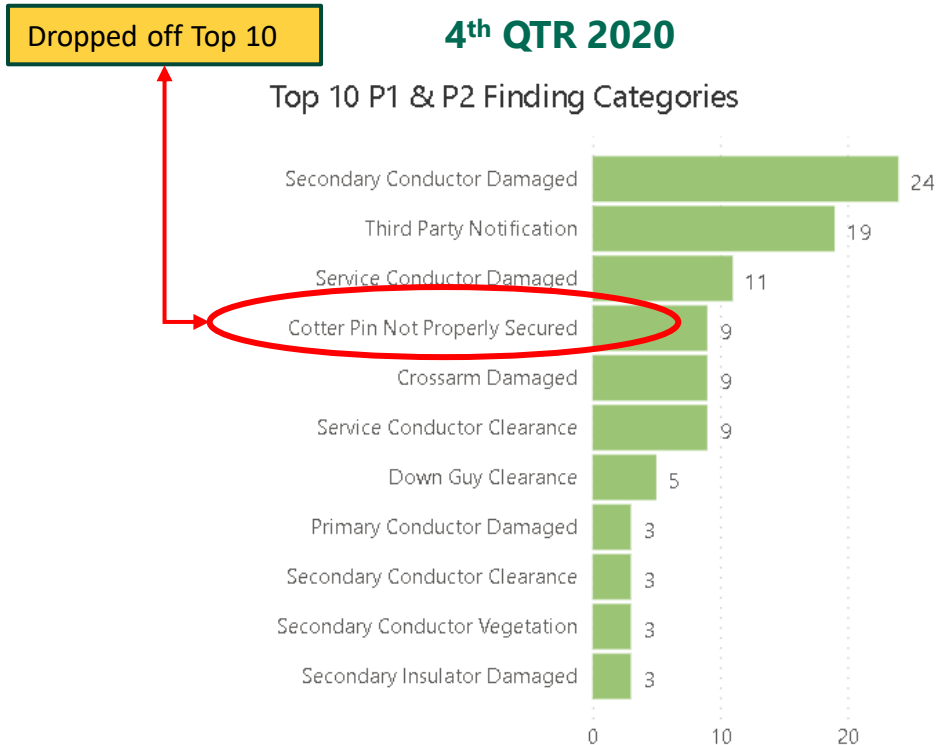


Program Name - REAX Score	FLOCS				P1 & P2 Findings				P3 Findings			
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	P1 & P2 Total	Open	Past Due	FLOC PNC	P3
<b>ODI (High)</b>												
Very High	14	1	92.9%	98.0%	0	0	1	1	1	0	0	0
High	186	7	96.2%	95.0%	0	0	7	7	7	0	7	8
Medium	818	63	92.3%	95.0%	2	0	68	70	70	0	71	86
Low	291	21	92.8%	90.0%	0	0	22	22	22	0	36	39
<b>Total</b>	<b>1,309</b>	<b>92</b>	<b>93.0%</b>		<b>2</b>	<b>0</b>	<b>98</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>115</b>	<b>133</b>

Results Below TL

# QC Results ODI – 4<sup>th</sup> QTR 2020 vs Jan YTD

<b>4<sup>th</sup> QTR 2020</b>	<b>1,825</b> Total Inspections	<b>1,714</b> Pass Total	<b>111</b> Potential Non-Conformances	<b>93.9%</b> P1 & P2 Total CR%
<b>YTD, Jan.</b>	<b>1,249</b> Total Inspections	<b>1,157</b> Pass Total	<b>92</b> Potential Non-Conformances	<b>92.6%</b> P1 & P2 Total CR%



- Comparing Jan vs 4<sup>th</sup> QTR of 2020, Top 10 P1 & P2 Findings remain the same
- This is indicative of a programmatic issue
- Current action plan has not been effective
- Recommendation is to enter the CAP process.



# APPENDIX



# January 2021 QC Results (Dist. Construction) – Desert Region

38

Total Inspections

25

Pass Total

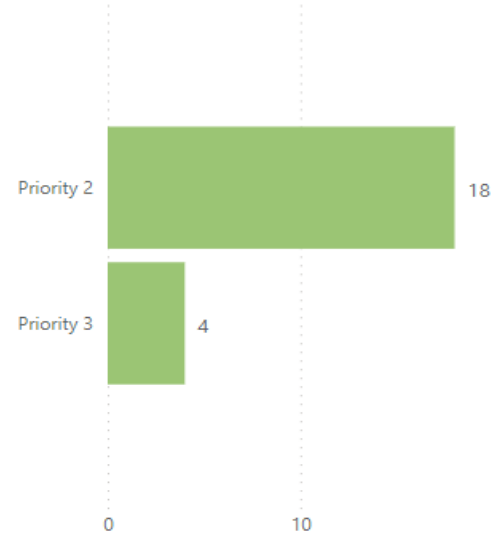
13

Potential Non-Conformances

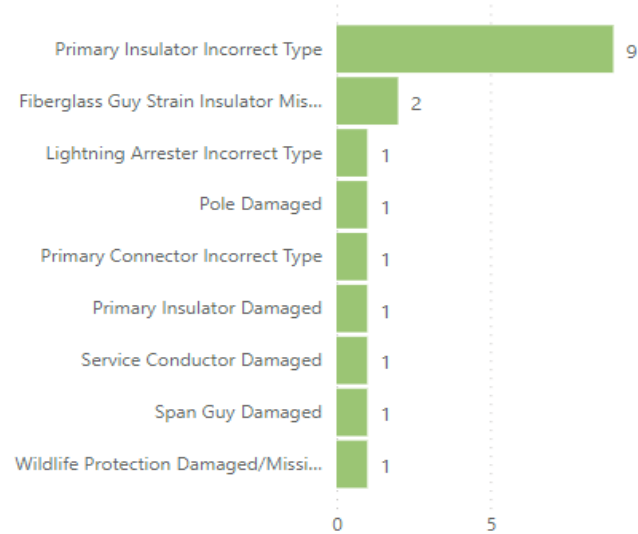
65.8%

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
<b>Distribution Construction (Very High)</b>												
Very High	2	1	50.0%	100.0%	0	0	2	2	2	0	0	0
High	16	7	56.3%	98.0%	0	0	10	10	10	0	2	2
Medium	13	5	61.5%	95.0%	0	0	6	6	6	0	2	2
Low	7	0	100.0%	95.0%	0	0	0	0	0	0	0	0
<b>Total</b>	<b>38</b>	<b>13</b>	<b>65.8%</b>		<b>0</b>	<b>0</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>0</b>	<b>4</b>	<b>4</b>

# January 2021 QC Results (Dist. Construction) – Metro East Region

20

Total Inspections

19

Pass Total

1

Potential Non-Conformances

95.0%

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
<b>Distribution Construction (Very High)</b>												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	12	1	91.7%	95.0%	0	0	1	1	1	0	1	1
Low	8	0	100.0%	95.0%	0	0	0	0	0	0	0	0
<b>Total</b>	<b>20</b>	<b>1</b>	<b>95.0%</b>		<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>

# January 2021 QC Results (Dist. Construction) – Metro West Region

15

Total Inspections

14

Pass Total

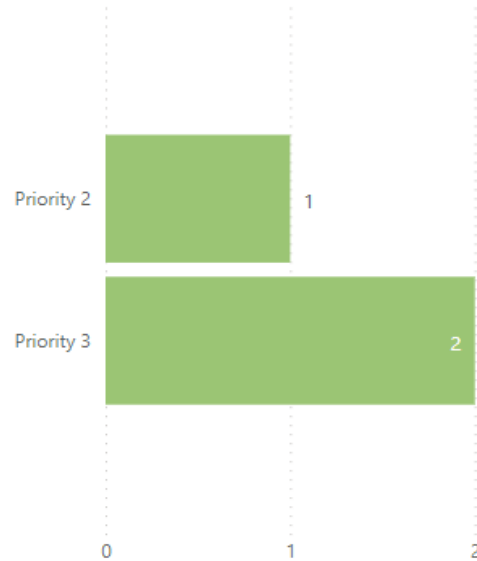
1

Potential Non-Conformances

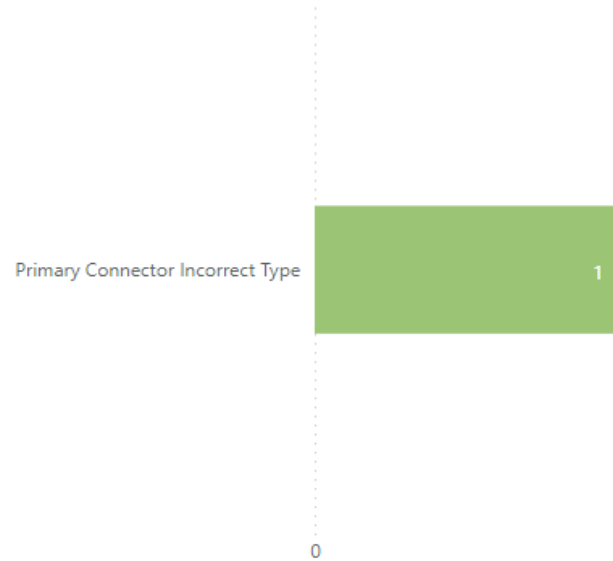
93.3%

P1 & P2 Total CR%

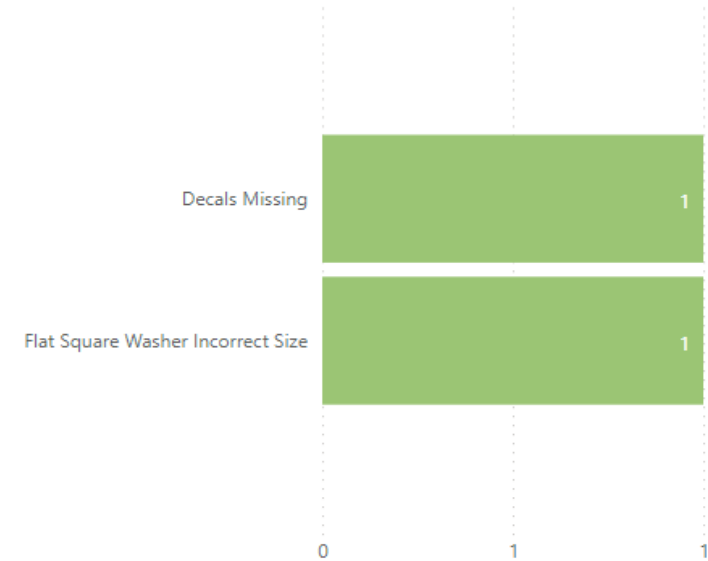
Non-Conformances by Priority



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
<b>Distribution Construction (Very High)</b>												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	2	0	100.0%	95.0%	0	0	0	0	0	0	0	0
Low	13	1	92.3%	95.0%	0	0	1	1	1	0	2	2
<b>Total</b>	<b>15</b>	<b>1</b>	<b>93.3%</b>		<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>

# January 2021 QC Results (Dist. Construction) – North Coast Region

269

Total Inspections

245

Pass Total

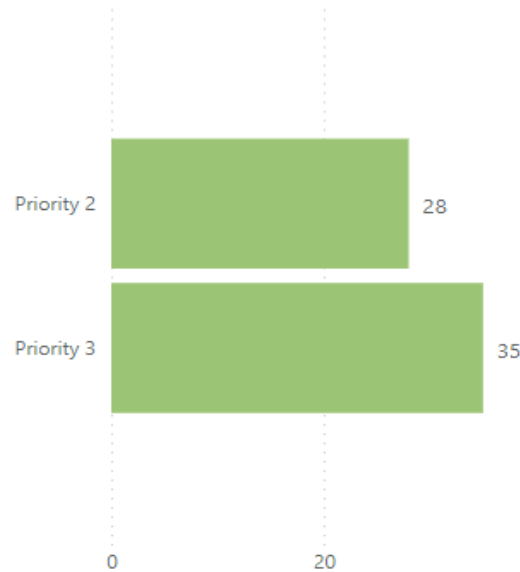
24

Potential Non-Conformances

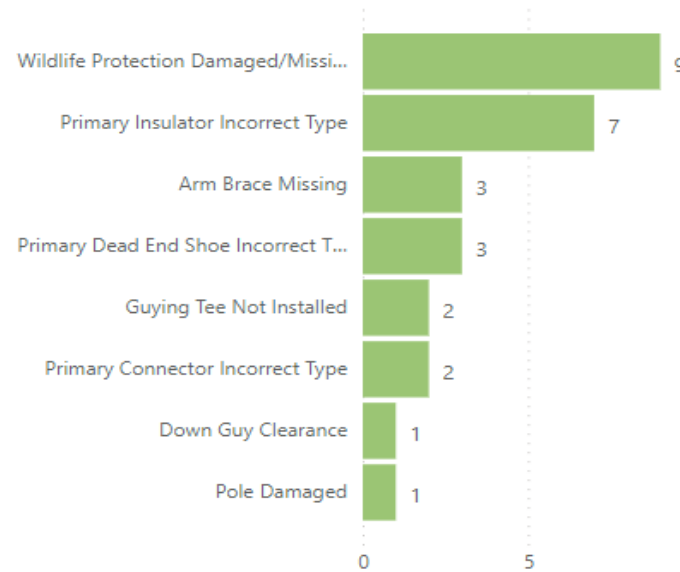
91.1%

P1 & P2 Total CR%

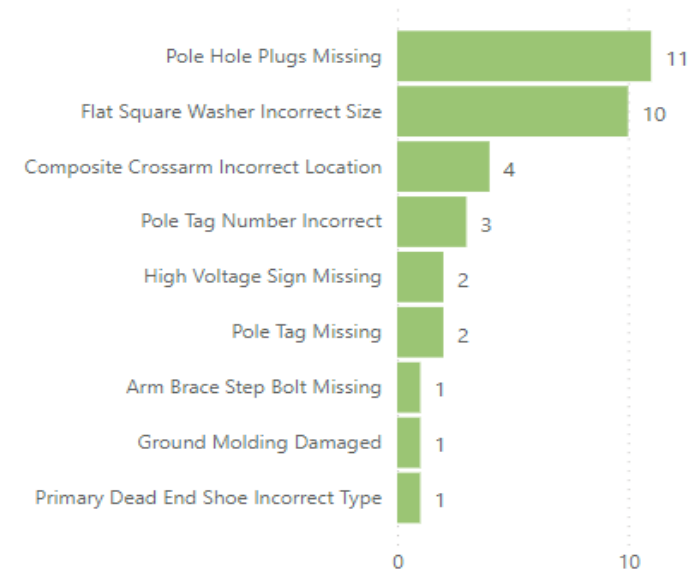
Non-Conformances by Priority



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
<b>Distribution Construction (Very High)</b>												
Very High	32	0	100.0%	100.0%	0	0	0	0	0	0	1	1
High	144	10	93.1%	98.0%	0	0	10	10	10	0	13	15
Medium	81	13	84.0%	95.0%	0	0	17	17	17	0	17	19
Low	12	1	91.7%	95.0%	0	0	1	1	1	0	0	0
<b>Total</b>	<b>269</b>	<b>24</b>	<b>91.1%</b>		<b>0</b>	<b>0</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>0</b>	<b>31</b>	<b>35</b>

# January 2021 QC Results (Dist. Construction) – Orange Region

**13**

Total Inspections

**13**

Pass Total

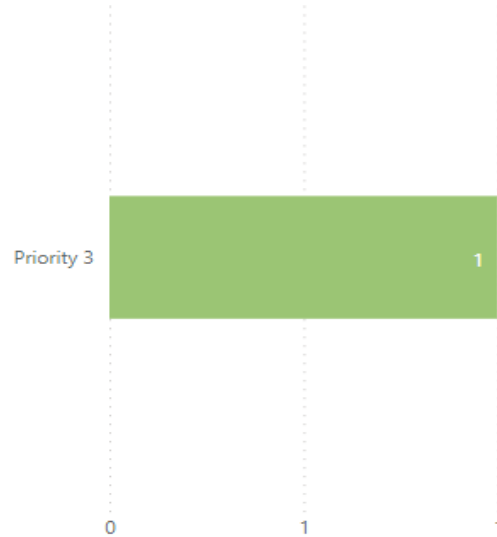
**0**

Potential Non-Conformances

**100.0%**

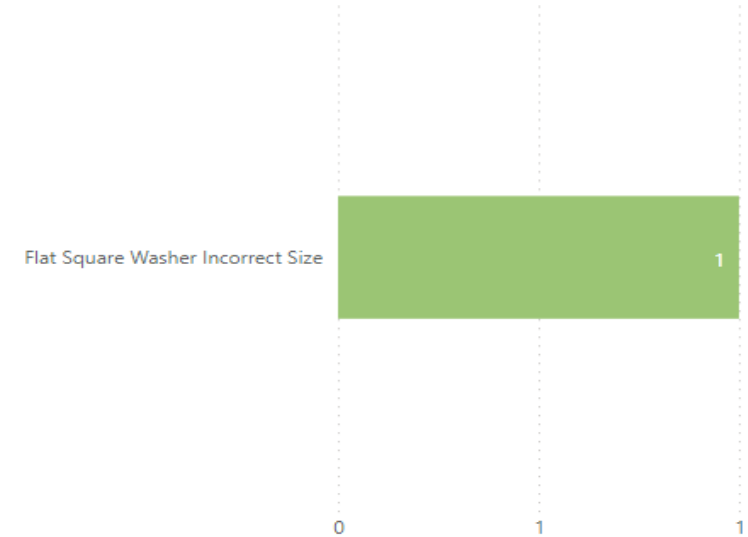
P1 & P2 Total CR%

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
<b>Distribution Construction (Very High)</b>												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	6	0	100.0%	95.0%	0	0	0	0	0	0	1	1
Low	7	0	100.0%	95.0%	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13</b>	<b>0</b>	<b>100.0%</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

# January 2021 QC Results (Dist. Construction) – Rurals Region

146

Total Inspections

111

Pass Total

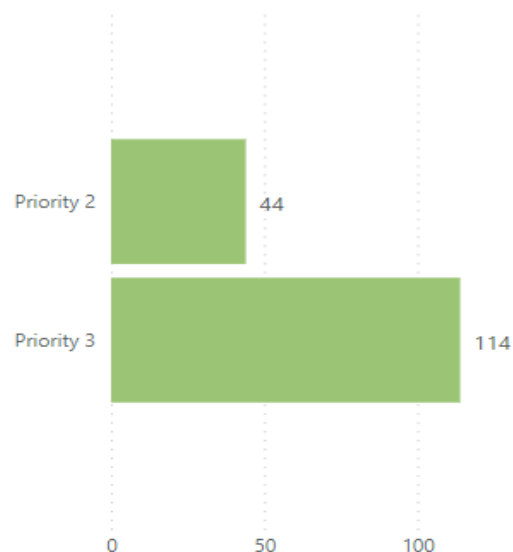
35

Potential Non-Conformances

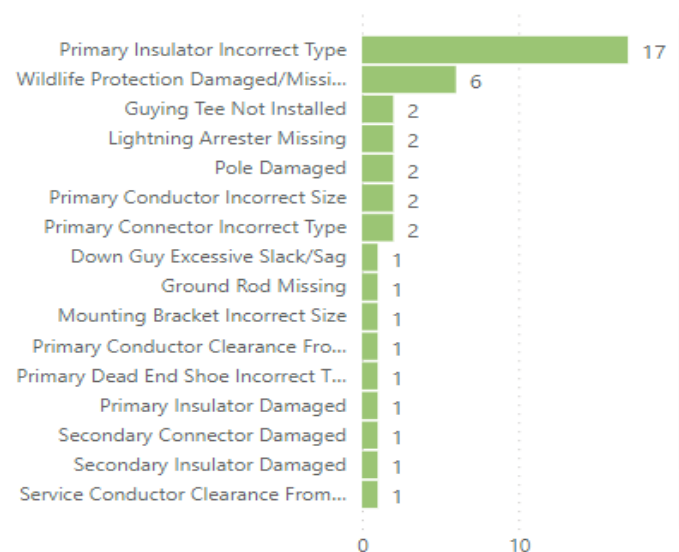
76.0%

P1 & P2 Total CR%

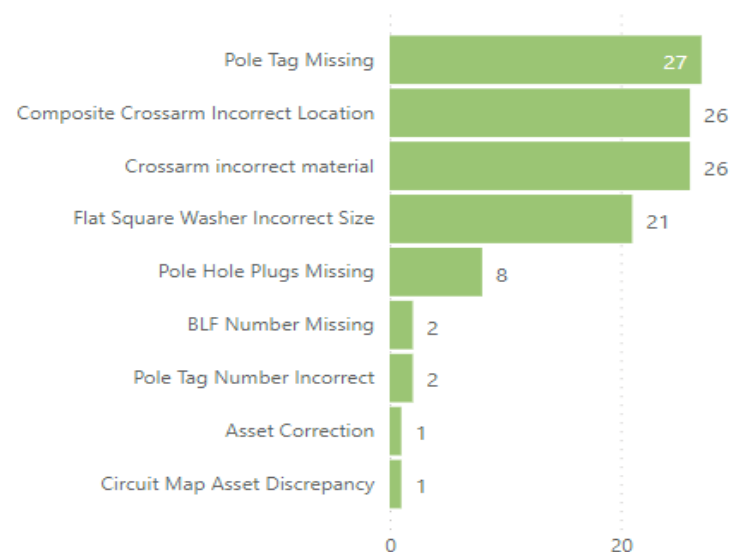
Non-Conformances by Priority



Top 10 P1 & P2 Finding Categories

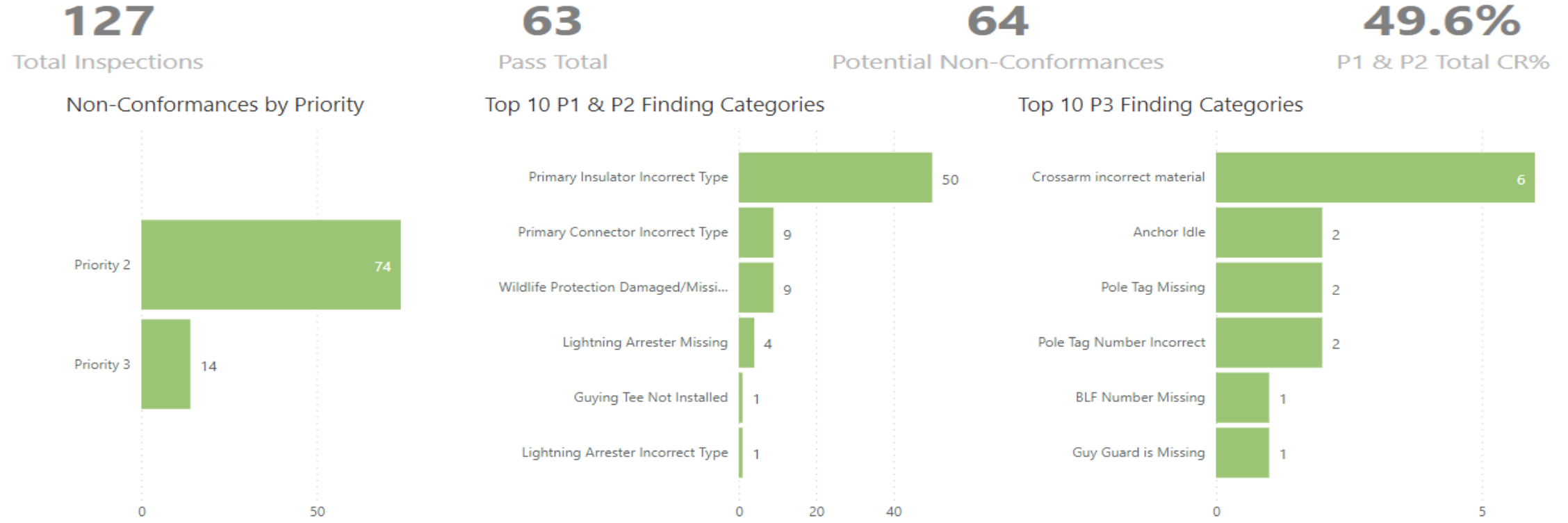


Top 10 P3 Finding Categories



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
<b>Distribution Construction (Very High)</b>												
Very High	29	9	69.0%	100.0%	0	0	13	13	13	0	0	0
High	73	17	76.7%	98.0%	0	0	21	21	21	0	41	80
Medium	39	9	76.9%	95.0%	0	0	10	10	10	0	23	33
Low	5	0	100.0%	95.0%	0	0	0	0	0	0	1	1
<b>Total</b>	<b>146</b>	<b>35</b>	<b>76.0%</b>		<b>0</b>	<b>0</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>0</b>	<b>65</b>	<b>114</b>

# January 2021 QC Results (Dist. Construction) – San Jacinto Region



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
<b>☰ Distribution Construction (Very High)</b>												
Very High	40	25	37.5%	100.0%	0	0	31	31	31	0	3	3
High	81	37	54.3%	98.0%	0	0	40	40	40	0	10	10
Medium	6	2	66.7%	95.0%	0	0	3	3	3	0	1	1
Low		0			0	0	0	0	0	0	0	0
<b>Total</b>	<b>127</b>	<b>64</b>	<b>49.6%</b>		<b>0</b>	<b>0</b>	<b>74</b>	<b>74</b>	<b>74</b>	<b>0</b>	<b>14</b>	<b>14</b>



# YE 2020 QC Results (Dist. Construction) – San Joaquin Region

258

Total Inspections

204

Pass Total

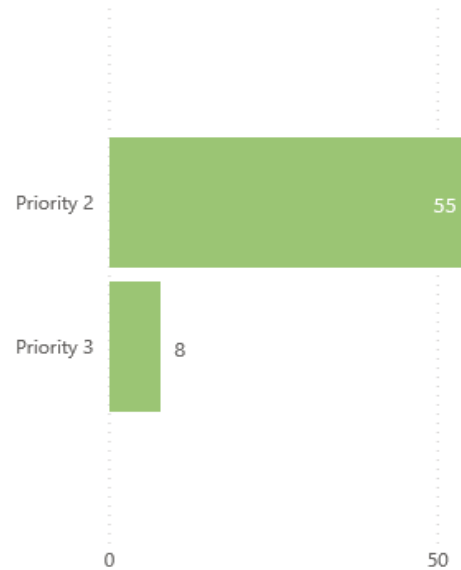
54

Potential Non-Conformances

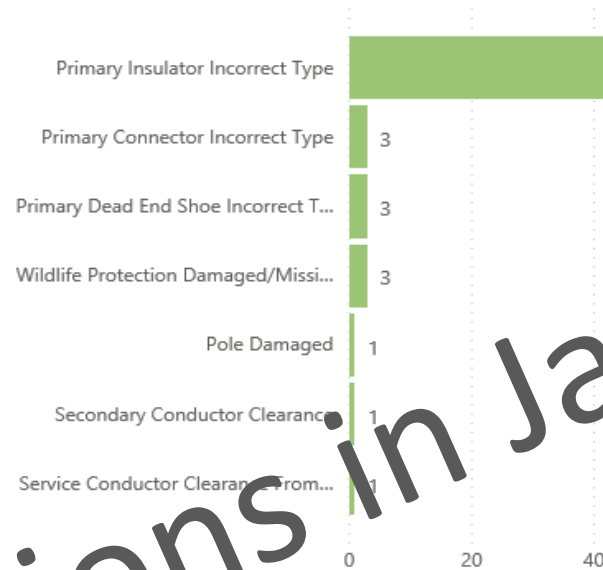
79.1%

P1 & P2 Total CR%

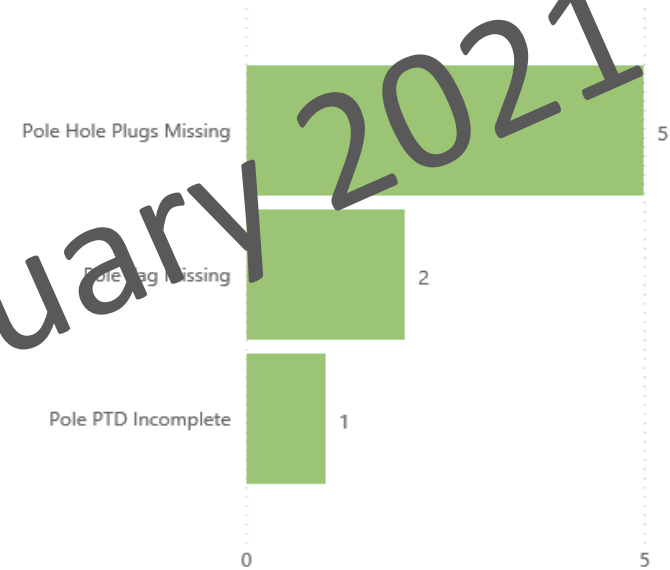
Non-Conformances by Priority



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
<b>Distribution Construction (Very High)</b>												
Very High	1	0	100.0%	100.0%	0	0	0	0	0	0	0	0
High	44	8	81.8%	98.0%	0	0	9	9	9	0	1	1
Medium	76	19	75.0%	95.0%	0	0	19	19	0	0	2	2
Low	137	27	80.3%	95.0%	0	0	27	27	0	0	4	5
<b>Total</b>	<b>258</b>	<b>54</b>	<b>79.1%</b>		<b>0</b>	<b>0</b>	<b>55</b>	<b>55</b>	<b>9</b>	<b>0</b>	<b>7</b>	<b>8</b>

# QC Results By Contractor – YE 2020

