

ANNUAL GENERATOR LOAD TEST



| |
|--------------|
| GEN SET KW |
| 600 |
| GEN SET KVA |
| 750 |
| GEN SET VOLT |
| 480 |
| GEN SET AMPS |
| 902 |

| | | |
|-----------------------------------|------|---|
| OIL PRESURE | PASS | X |
| COOLANT TEMP | PASS | X |
| COMMENTS: Critical Infrastructure | | |
| W/O # 22117 | | |
| | | |
| | | |
| | | |

TECH NAME Roger Harrington

TECH #

DATE 11/12/2019

| TIME TEST | SAMPLE INTERVAL | | | | | | | | | | | | | | | | | |
|-----------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MINUTES | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 |
| HOURS | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 |

| ENGINE | | | | | | | | | | | | | | | | | | |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|--|--|
| OIL PRESSURE | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 98 | | | | | | | | |
| COOLANT TEMP | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 174 | | | | | | | | |
| D.C. VOLTAGE | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | | | | | | | |
| EXHAUST TEMP @ | 815 | 831 | 910 | 918 | 936 | 940 | 938 | 936 | 939 | 435 | | | | | | | | |
| EXHAUST TEMP (L) | 810 | 827 | 901 | 912 | 931 | 936 | 935 | 932 | 933 | 429 | | | | | | | | |
| GENERATOR | 66 | 67 | 74 | 77 | 78 | 79 | 80 | 82 | 84 | 81 | | | | | | | | |
| OIL TEMP | 189 | 192 | 196 | 198 | 202 | 205 | 208 | 210 | 212 | 206 | | | | | | | | |

| VOLTAGE | | | | | | | | | | | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A-B | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | | | | | | | | |
| B-C | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | | | | | | | | |
| C-A | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | | | | | | | | |
| VOLTAGE AV. | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| A | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 0 | | | | | | | | |
| B | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 0 | | | | | | | | |
| C | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 0 | | | | | | | | |
| AMPERAGE AV. | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 0 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| KWATTS CAL. | 403.2096 | 403.2096 | 403.2096 | 403.2096 | 403.2096 | 403.2096 | 403.2096 | 403.2096 | 403.2096 | 0 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| KVA | | | | | | | | | | | | | | | | | | |
| FREQUENCY | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60.2 | | | | | | | | |
| POWER FACTOR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| %LOAD | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 67.2016 | 72N/A | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |

| | | | |
|---------------|------------|---------------|-------------|
| GEN SET MAKE | Doosan | ENGINE MAKE | Doosan |
| GEN SET MODEL | 8412490100 | ENGINE MODEL | P222LF |
| GEN SET SER # | 2095127 | ENGINE SER. # | EAYOA600805 |
| GEN SET ARR # | | ENGINE ARR. # | |

| ENGINE HOURS | |
|--------------|-------|
| PRESTART | 245.7 |
| FINAL | 247.9 |
| TOTAL RUN | 2.2 |

JOB # 22117

UNIT # 600 Kw Doosan

CUSTOMER NAME PLACER CO

NOTES
CUSTOMER 2 HOUR LOAD TEST



