



POWER GENERATION SYSTEM UNIT - 90 PG-9001

Date : 2022-09-23

SHEET : 1 OF 5

PAG-408

| Hours | FIELD | | VOLTAGE BEFORE TRAFO | VOLTAGE AFTER TRAFO | | | LOAD (AMP) | | | POWER FACTOR | LOAD (MW) | | M VAR | | TEMPERATURE (°C) | | | | | | GEN TRAFO | | | Visual Check | | | | | | | |
|-------|-------|----|----------------------------|------------------------|-----|-----|------------|----|----|-----------------|--------------|----|-------|----|--------------------|---|---|---------|---|-----|-----------------|----------------|---------------|-----------------------------------|-------------|--------------|-------|--|--|--|--|
| | V | A | V | 1-2 | 2-3 | 3-1 | 1 | 2 | 3 | | METER RECORD | | | | AIR | | | WINDING | | | LIQUID LEVEL | LIQUID TEMP | WIND. TEMP | RECT. TRAFO LIQUID TEMP. | KW HOURS | Visual Check | | | | | |
| | | | | | | | | | | | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | L/O | | | | | | Temp. | Sound | | | | |
| 00:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:00 | 29 | 26 | 11 | 24 | 12 | 2 | 14 | 22 | 33 | 4 | 25 | 28 | 32 | 21 | | | | | | | | | | | | | | | | | |
| 09:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15:00 | 28 | 27 | 11 | 25 | 22 | 1 | 25 | 33 | 4 | 2 | 22 | 31 | 11 | 23 | | | | | | | | | | | | | | | | | |
| 17:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <div>00:00: Raihan</div> <div>Supv./Panelman : <u>Farhan</u></div> | |
| <div>09:00: Raihan</div> <div>Supv./Panelman : <u>Riyan</u></div> | |
| <div>10:00: Farhan</div> <div>Supv./Panelman : <u>Raihan</u></div> | |



POWER GENERATION SYSTEM UNIT - 90 PG-9001

Date : 2022-09-23

SHEET : 2 OF 5

PAG-408

| Hours | | | | | | | | | | TEMPERATURE (°C) | | | | | | | | | | LUBE OIL TANK TEMP | LUBE OIL BEARING TEMP | COOLING WATER TEMP | LUBE OIL PRESS | | | | | | | HYD. TRIP CIRCUIT PRESS | HYD. OIL PRESS (FOR 63HQ) | |
|---------------|-----|-----|-----|----------|------|-----------|-----------------|-------------|------------------------|--------------------|-------------------|--------------------------|--------------------|-------------------|------------------|------------------|------------------|------------------|-----------------|--------------------|-----------------------|--------------------|---------------------|--------------------|-----------------------|------------|------------------------|---------------------|---------------|-------------------------|---------------------------|--|
| | | | | | | | | | | OIL COOLER INLET | OIL COOLER OUTLET | JOURNAL AND THRUST DRAIN | BEARING DRAIN NO.2 | GEAR PINION NO. 1 | GEAR WHEEL NO. 2 | GEAR WHEEL NO. 3 | GEAR WHEEL NO. 4 | GEAR WHEEL NO. 5 | GENERATOR DRAIN | | | | MAIN OIL PUMP DISCH | AUX OIL PUMP DISCH | ENGINE OIL PUMP DISCH | FWD FILTER | TURBINE BEARING HEADER | GEN. BEARING HEADER | (FOR 63 HR) | | | |
| TURBINE SPEED | | VCE | DSP | GAS FLOW | LOAD | FIRE TIME | PEAK FIRED TIME | FIRE STARTS | MANUAL INITIATED START | FAST START | | | | | | | | | | | | | | | | | | | | | | |
| | RPM | | V | M³/Hr | MW | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <div>00:00: Raihan</div> <div>Supv./Panelman : <u>Farhan</u></div> | |
| <div>09:00: Raihan</div> <div>Supv./Panelman : <u>Riyan</u></div> | |
| <div>16:00: Farhan</div> <div>Supv./Panelman : <u>Raihan</u></div> | |



POWER GENERATION SYSTEM UNIT - 90 PG-9001

PAG-408

SHEET : 3 OF 5

| Hours | FIRST STAGE WHEEL SPACE TEMPERATURE °C | | | | | | | | | SECOND STAGE WHEEL SPACE TEMPERATURE °C | | | | | | | | | COMP TEMP (°C) | | | | EXHAUST TEMP (°C) | | | | REMARKS |
|-------|--|-------|--------------|-------------|-------|-------|--------------|-------------|----------------|---|-------|--------------|-------------|-------|-------|--------------|-------------|----------------|------------------|------------------|----------|-----------|---------------------|---|---|---|---------|
| | FWD 2 | FWD 3 | DIFF FWD 2-3 | AVE FWD 2-3 | AFD 2 | AFD 3 | DIFF AFD 2-3 | AVE AFT 2-3 | DIFF FWD - AFD | FWD 2 | FWD 3 | DIFF FWD 2-3 | AVE FWD 2-3 | AFT 1 | AFT 2 | DIFF AFT 1-2 | AVE AFT 1-2 | DIFF FWD - AFT | DISCHARGE ANUL L | DISCHARGE ANUL R | DIFF L R | INLET AIR | 1 | 2 | 3 | 4 | |
| | 427 | 427 | 83 | | 427 | 427 | 83 | | 83 | 427 | 427 | 83 | | 427 | 427 | 83 | | 83 | | | 11 | | | | | | |
| 00:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Hours | EXHAUST FUEL GAS TEMPERATURE °C | | | | | | | | | | | | | | | | | | | | FUEL TEMP(°C) | | | | | |
|-------|---------------------------------|---|---|---|---|----|----|----|---------|--------|----|----|----|----|----|----|-----|-----|-----|-------|-----------------|--|------|-------|-------|-------|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | AT 1-12 | Ave TX | T1 | T2 | T3 | T4 | T5 | T6 | OTA | OTB | OTC | T-Ave | | | T-TX | T-OTA | T-OTB | T-OTC |
| | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 28 |
| 00:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <div>00:00: Raihan</div> <div>Supv./Panelman : <u>Farhan</u></div> | |
| <div>00:00: Raihan</div> <div>Supv./Panelman : <u>Riyan</u></div> | |
| <div>10:00: Farhan</div> <div>Supv./Panelman : <u>Raihan</u></div> | |



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Date : 2022-09-23

SHEET : 4 OF 5

PAG-408

| Hours | FUEL GAS PRESS | | | | COMP. DISC. AIR PRESS | | DIFF. PRESS | | | | | FUEL DIESEL LEVEL | LUBE OIL LEVEL | LEL | | COOLING WATER | | AMBIENT TEMP. | GAS CONSUMPTION | REMARKS |
|-------|-------------------|-------------------|----------------------|-------------------------|-----------------------|---------------|--------------------|-----------------|--------------------|-----------------|-------------------|-------------------|----------------|---------------|---------------|---------------|-------------|---------------|-----------------|---------|
| | HP GAS BEFORE KOD | BEFORE STOP VALVE | AFTER GAS STOP VALVE | AFTER GAS CONTROL VALVE | AFTER POROUS FILTER | (For 96 CD) | INLET HOUSE FILTER | LUBE OIL FILTER | CONTROL OIL FILTER | HYD. OIL FILTER | AIR COOLER FILTER | | | DETECTOR NO.1 | DETECTOR NO.2 | FLOW | TEMPERATURE | | | |
| | KG/CM² | | | | | | | | | | | | | | | M³/H | ° C | | M³ | |
| 00:00 | | | | | | | | | | | | | | | | | | | | |
| 01:00 | | | | | | | | | | | | | | | | | | | | |
| 03:00 | | | | | | | | | | | | | | | | | | | | |
| 05:00 | | | | | | | | | | | | | | | | | | | | |
| 07:00 | | | | | | | | | | | | | | | | | | | | |
| 09:00 | | | | | | | | | | | | | | | | | | | | |
| 11:00 | | | | | | | | | | | | | | | | | | | | |
| 13:00 | | | | | | | | | | | | | | | | | | | | |
| 15:00 | | | | | | | | | | | | | | | | | | | | |
| 17:00 | | | | | | | | | | | | | | | | | | | | |
| 19:00 | | | | | | | | | | | | | | | | | | | | |
| 21:00 | | | | | | | | | | | | | | | | | | | | |
| 23:00 | | | | | | | | | | | | | | | | | | | | |

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| <div>00:00-01:00</div> <div>Supv./Panelman : <u>Farhan</u></div> | |
| <div>09:00-10:00</div> <div>Supv./Panelman : <u>Riyan</u></div> | |
| <div>10:00-11:00</div> <div>Supv./Panelman : <u>Raihan</u></div> | |



POWER GENERATION SYSTEM UNIT - 90 PG-9001

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PAG-408

| Hours | | BENTLY VIBRATION UN FILTER | | | | | | | | | | | | | | | |
|-------------------------|-------------------|----------------------------|---|--------------------|---|--------------------|---|-------------------|---|----------------------------|---|----------------------------|---|----------------------------|---|----------------------------|---|
| | | THRUST BRG TP 1 | | NO 1 BRG RV 101 | | NO 2 BRG RV 102 | | GEN BRG RV 103 | | GEAR TURBINE BRG RV 104 | | GEAR TURBINE BRG RV 105 | | GEAR TURBINE BRG RV 106 | | GEAR TURBINE BRG RV 107 | |
| | | A | B | V | H | V | H | V | H | V | H | V | H | V | H | V | H |
| 03:00 | VIB | | | | | | | | | | | | | | | | |
| | GAP | | | | | | | | | | | | | | | | |
| 15:00 | VIB | | | | | | | | | | | | | | | | |
| | GAP | | | | | | | | | | | | | | | | |
| 23:00 | VIB | | | | | | | | | | | | | | | | |
| | GAP | | | | | | | | | | | | | | | | |
| BENTLY VIBRATION FILTER | | | | | | | | | | | | | | | | | |
| 03:00 | AMPLITUDE | | | | | | | | | | | | | | | | |
| | PHASE | | | | | | | | | | | | | | | | |
| 15:00 | AMPLITUDE | | | | | | | | | | | | | | | | |
| | PHASE | | | | | | | | | | | | | | | | |
| 23:00 | AMPLITUDE | | | | | | | | | | | | | | | | |
| | PHASE | | | | | | | | | | | | | | | | |
| Hours | SEISMIC VIBRATION | | | | | | | | | | | | | REMARKS | | | |
| | 1 BRG CASING | | | | | COMP. CASING | | | | GEB. BRG CASING | | | | | | | |
| 00:00 | | | | | | | | | | | | | | | | | |
| 01:00 | | | | | | | | | | | | | | | | | |
| 03:00 | | | | | | | | | | | | | | | | | |
| 05:00 | | | | | | | | | | | | | | | | | |
| 07:00 | | | | | | | | | | | | | | | | | |
| 09:00 | | | | | | | | | | | | | | | | | |
| 11:00 | | | | | | | | | | | | | | | | | |
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| 15:00 | | | | | | | | | | | | | | | | | |
| 17:00 | | | | | | | | | | | | | | | | | |
| 19:00 | | | | | | | | | | | | | | | | | |
| 21:00 | | | | | | | | | | | | | | | | | |
| 23:00 | | | | | | | | | | | | | | | | | |