

| <div><div></div><div>PT DIKARI TATA UDARA INDONESIA</div><div>ENGINEERING DIVISION</div><div>CHILLER</div><div>Sales, Design, Service, Installation, Prepentive Maintenance</div></div> |             | SERVICE REPORT PM - MINI |              |   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|---|-------------|--------------------------|--------------|---|---------------------|-----------|--------------|--|---|----|---|--|--------------------------|-----------|--|----------------------------|---------------------------------|--|--|----|-------------|-----|----------|-------------|--|--------|-------|--|--|--|--|----|-------------|-----|----------|-------------|--|--------|-------|
| Customer/User :   |             |                          |              | Location of Eq. :                                       |                     |           |              | Engineer Name List :   |   |    |   | Date :   |                          | FORM NO.  |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| Site :  |             |                          |              | Code/No. of Eq. :                                       |                     |           |              |  |   |    |   | Start Time   |                          | Stop Time |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|   |             |                          |              |   |                     |           |              |  |   |    |   | Tipe Form PM07   |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| TASKLIST  |             |                          |              | SERVICE CHECK   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| <table><tr><th rowspan="2">Item</th><th rowspan="2">Freq.</th><th rowspan="2">Stand-ard</th><th rowspan="2">Actual Check</th></tr><tr></tr></table>                                     |             |                          |              | Item  | Freq.               | Stand-ard | Actual Check | <table><tr><th rowspan="2">No</th><th rowspan="2">Description</th><th rowspan="2">UoM</th><th rowspan="2">Standard</th><th colspan="2">Measurement</th></tr><tr><th>Before</th><th>After</th></tr></table> |   |    |   |  |                          |           |  |                            |                                 |  |  | No | Description | UoM | Standard | Measurement |  | Before | After | <table><tr><th rowspan="2">No</th><th rowspan="2">Description</th><th rowspan="2">UoM</th><th rowspan="2">Standard</th><th colspan="2">Measurement</th></tr><tr><th>Before</th><th>After</th></tr></table> |  |  |  | No | Description | UoM | Standard | Measurement |  | Before | After |
| Item  | Freq.       | Stand-ard                | Actual Check |   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|   |             |                          |              |   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| No  | Description | UoM                      | Standard     | Measurement   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|   |             |                          |              | Before  | After               |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| No  | Description | UoM                      | Standard     | Measurement   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|   |             |                          |              | Before  | After               |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| INTENSIVE SAFETY BRIEFING TEAM  |             |                          |              | 1   | EWT                 | °C        | 1            | 1  | 1 | 21 | C<br>O<br>N<br>D<br>E<br>N<br>S<br>O<br>R | Ambient Temp   | °C                       | max 35    |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 1. Losgsheet Parameter Unit   |             |                          |              | 2   | LWT                 | °C        | 1            | 1  | 1 | 22 |   | Outlet Air Temp  | °C                       | max 40    |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 2. Inspect Condition Condensor coil   |             |                          |              | 3   | Setpoint            | °C        | 1            | 1  | 1 | 23 |   | Sat. Cond Temp A   | °C                       | max 45    |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 3. Cleaning Condensor coil  |             |                          |              | 4   | Load                | %         | 1            | 1  | 1 | 24 |   | Sat. Cond Temp B   | °C                       | max 45    |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 4. Cleaning Fan Condensor   |             |                          |              | 5   | EXV Level           | %         | 1            | 1  | 1 | 25 |   | Air Flow   | m/s                      |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 5. Cleaning Component Unit  |             |                          |              | 6   | Suction Press A     | kPa       | 600-750      | 1  | 1 | 26 | Ampere Fan 1                              | Amp  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 6. Cleaning Strainer  |             |                          |              | 7   | Discharge press A   | kPa       | 2400-3200    | 1  | 1 | 27 | Ampere Fan 2                              | Amp  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 7. Check Physical Condition Unit  |             |                          |              | 8   | Suction Press B     | kPa       | 600-750      | 1  | 1 | 28 | C<br>O<br>L<br>L<br>E<br>R                | CHW Press In   | Bar                      | 3         |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 8. Check Part Function  |             |                          |              | 9   | Discharge press B   | kPa       | 2400-3200    | 1  | 1 | 29 |   | CHW Press Out  | Bar                      | 2         |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| ( Compressor , TXV, Sensor, etc. )  |             |                          |              | 10  | Sat. Suction Temp A | °C        | 0-5          | 1  | 1 | 30 |   | CHW Temp In  | °C                       |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 9. Check Pressure Water in & Out  |             |                          |              | 11  | Sat. Suction Temp B | °C        | 0-5          | 1  | 1 | 31 |   | CHW Temp Out   | °C                       |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 10. Check Temperatur EWT & LWT  |             |                          |              | 12  | Oil Level A         | %         | 50-75        | 1  | 1 | 32 |   | Flow Switch status   | ON = close<br>OFF = open |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 11. Check Actual Pressure Refrigerant   |             |                          |              | 13  | Oil Level B         | %         | 50-75        |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 12. Check Motorize Valve Water  |             |                          |              | 14  | Voltage             | L1-L2     | V            | 380  |   |    | 33  | Flow Rate  | gpm                      | 30-177    |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 13. Synchronize All Program Match With BMS  |             |                          |              | 15  |                     | L2-L3     | V            | 380  |   |    |   | ?? Lingkari atau stabilo jika angka pengukuran kurang/lebih dari standar |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 14. Inspection Piping Chillwater  |             |                          |              | 16  |                     | L3-L1     | V            | 380  |   |    |   | RESUME   |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 15. Inspection Piping Refrigeration   |             |                          |              | 17  | Ampere              | A1        | Amp          |  |   |    | JOB COMPLETED ? ? YES                     |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| 16. Checklist History PM  |             |                          |              | 18  |                     | A2        | Amp          |  |   |    | ? NO, please check on NOTES               |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|   |             |                          |              | 19  |                     | B1        | Amp          |  |   |    | SIGNING                                   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
|   |             |                          |              | 20  |                     | B2        | Amp          |  |   |    | Approved by<br>ISS,                       |  |                          |           |  | Verified By<br>Supervisor, | Service By<br>Team Leader/Staf, |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| ? Checklist jika sesuai standar, jika tidak sesuai ditulis kondisi actualnya  |             |                          |              | NOTES / RECOMMENDATIONS                                 |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| FIND DH   |             |                          |              | *) Data gambar saat PM diinfokan melalui media lainnya. |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor   |             |                          |              |   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |
| (                    )                    (                    )                    (                    )  |             |                          |              |   |                     |           |              |  |   |    |   |  |                          |           |  |                            |                                 |  |  |    |             |     |          |             |  |        |       |  |  |  |  |    |             |     |          |             |  |        |       |