

## PT. DIKARI TATA UDARA INDONESIA

ENGINEERING DIVISION

## CHILLER

Sales, Design, Service, Installation, Prepentive Maintenance

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