**مرفق رقم (1) نموذج لتسجيل الظروف التشغيلية**

**لمحطة معالجة بئر المدورة البلد**

**أولاً: الظروف التشغيلية:**

|  |  |
| --- | --- |
| Parameter | Reading |
| Treated Water Flow (m3/hr) |  |
| Raw Tank Level (%) |  |
| Raw Water Turbidity (NTU) |  |
| Treated Water Turbidity (NTU) |  |
| UF Pressure (bar) |  |
| Filtration Pump Pressure |  |
| MnSO4 Volume (L) |  |
| KMnO4 Volume (L) |  |
| HMOVolume (L) |  |

**ثانياً: محددات التشغيل لوحدة المعالجة:**

|  |  |  |
| --- | --- | --- |
| Target | Reality | Category |
| < 0.3 |  | Check the turbidity of the produced water (NTU) |
| > - 0.3 |  | UF filtration Pressure (bar) |
| ~ 220 |  | HMO dose after backwash (L) |
| 0.5 – 1 |  | Check Cl2 concentration in raw water tank (ppm) |
| No breaks |  | Visual check on top of membranes |
| There should be a black layer |  | Check if there is HMO layer on ceramic |
| Black Slurry  When pink adjust pH in HMO tank |  | Check the turbidity color inside ceramic tank and HMO tank |
| Should be available in stock |  | Check the stock of chemical materials |
| Functioning |  | Level switches |
| No leakages |  | Leakages |
| Functioning |  | Check mixers |
| Yes |  | Are the operators in the plant |
| Accepted |  | Is the plant clean and tidy |
| Yes |  | Is there enough Cl2 cylinders |

**ثالثاً: الملاحظات:**