Ship:                 Date:

**AA. Manual record of free halogen or pH levels IN THE EVENT OF AUTOMATED RECORDING EQUIPMENT FAILURE:**

- **In the event of failure of the automated chart recorder/logger,** free residual halogen and pH is to be measured by a manual test kit and recorded below every 4 hours. Repair must be completed within 30 days)

-Annotations for unusual events and corrective actions taken are to be recorded:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Swimming pool ID. | Time (every 4 hrs) | Type of Halogen used:  Cl or Br | Free residual value (ppm)  1 (2)\* - 5 ppm | pH level 7.0 to 7.8 | Annotations for unusual events and corrective actions | Sign. Respons. Officer |
|  | 00 |  |  |  |  |  |
|  | 04 |  |  |  |  |  |
|  | 08 |  |  |  |  |  |
|  | 12 |  |  |  |  |  |
|  | 16 |  |  |  |  |  |
|  | 20 |  |  |  |  |  |

\* for interactive (activity pool)

*Any major maintenance work on the halogenation and UV systems:*

**BB. Pool closed due to values outside the correct free halogen or pH levels:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Time closed** | **Halogen level** | **pH level** | **Time opened** | **Halogen level** | **pH level** | **Remarks** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Hotel/ Ship Services Engineer:       Staff Captain:

*Maintain this log onboard for at least 12 months, along with any chard analyzer recording or electronic data log, if fitted*