Ship:                 Date:                Swimming pool (identification/name):

**AA. Changeover re-circulation / flow through:**

Date/time of change over the swimming pool(s) for the 12 nm from nearest land limit to re-circulation (RC) mode with halogenation OR seawater flow through (SWFT) without halogenation (only when vessel making way):

|  |  |  |  |
| --- | --- | --- | --- |
| Time | Distance from land nm | Changeover to re-circulation (RC) or Seawater flow through (SWFLTH) | Remarks (or drained) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**BB. Water Chemistry Monitoring for re-circulating swimming pools**

The parameters below must be monitored and adjusted as recommended by the manufacturer to maintain optimum water quality (if no manufacturer recommendation available – test minimum once per day):

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Time | Combined Chlorine | Free Chlorine | Total Alkalinity | pH | Clarity | Flow Rate | Bather Load |
| tested  *(ideal is 0, but should be max 0.2-0.5ppm*) | Tested (chart/logger)  *Cl = 1-5 ppm (2-5ppm for activity pools)* | Tested  *(ideal 80-120ppm*) | Tested (chart/logger)  *pH= 7.0- 7.8* | tested  *by Secchi disk or main drain* | Measured  *Use flow meters*  *(do not use pump rates)* | Evaluated  *One person per five US gallons (19 liters) per minute of recirculation flow* |
|  | Manfctr recommd = | Manfctr recommd = | Mnfctr recommd = | Mnfctr recommd = | Manfctr recommd = | Manfctr recommd = | Manfctr recommd = |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

*Note any adjustments to the above made per manufacturer recommendations (if Free Halogen or pH outside of range the facility must be closed immediately):*

**CC. Fill Level and Turnover Rate for re-circulating swimming pools**

Based on the Flow Rate from the flow meters (see BB.) and the pool volume calculate the turnover rate.

**Max turnover rates must be 6hrs (VSP 2005 Construction Guidelines or earlier) or 4hrs (VSP 2011 Construction Guidelines or later)**

|  |  |  |  |
| --- | --- | --- | --- |
| Time *(when in use)* | Fill level to the skim gutter level | Turnover rate | Remarks |
| 00 |  |  |  |
| 04 |  |  |  |
| 08 |  |  |  |
| 12 |  |  |  |
| 16 |  |  |  |
| 20 |  |  |  |

**DD. Filtering of re-circulating swimming pools**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GRANULAR FILTER**  *(below monitoring per manufacturer specifications, unless specified otherwise,* ***in which case the more frequent applies****)* | | | | | **CARTRIDGE FILTER**  *(below monitoring per manufacturer specifications, unless specified otherwise,* ***in which case the more frequent applies****)* | | | | | **OTHER FILTER media** | | **Hair and Lint Strainer** (or filter before the pump**)** |
| Pressure differential (per manufctrr =       ) | Filter back washed  (interval per manufctrr =      ,  last done=     ) | Inspection Results \* (channels, mounds, holes) and sediment. test -Quarterly, last done= | Changed  (based on sediment/ inspect. results and/or interval per mnfctr =      ,  last done =      ) | Filter housing cleaning, rinsing and disinfection, before new filter media placed in,  at CT=50ppm Cl x 1min  or equivalent | Pressure differential, (per manufctrr =       ) | Cleaned  (interval per manfctr =      ,  last done =      ) | Inspection Results\*\*  (cracks, breaks, damage excess. organic. accumultn),  (interval per manfacturr=  or every 2 weeks,  last done =      ) | Changed  (based on inspect. results and/or interval per manfctr =      , last done =      );  at least one spare available: | Filter housing cleaning, rinsing and disinfection before new filter media placed in,  CT=50ppm Cl x 1min or equivalent | Inspection (interval per manctrr =      ,  last done =      ) | Change (interval per manctrr =      ,  last done =      ) | Clean, rinse and disinfect strainer and housing -Weekly,  CT=50 ppm Cl x 1 min., or equivalent,  last done = |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

***\* Indicate Inspection Result of Granular Filter as “Clear” or “Not Clear”; or “Good” or “Not Good”***

***\*\* Indicate Inspection Result of Cartridge Filter as “Good” or “Not Good”***

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

Hotel/ Ship Services Engineer:       Staff Captain:       Date:

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