

**Project:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Pool type:** \_\_\_\_\_  
 Swimmers' pools, non-swimmers' pools, therapy pools, paddling pools, hot spa pools

- Indoor pool  Outdoor pool

**Pool use:**  Public pool  Private pool

**Pool data:** Pool surface area: \_\_\_\_\_ m<sup>2</sup> Pool depth: \_\_\_\_\_ m Pool content: \_\_\_\_\_ m<sup>3</sup>

**Water drainage:**  Overflow channel  all-round  3 sides  2 sides  1 sides  
 Type: \_\_\_\_\_  
Wiesbaden, Finnisch, etc.  
 Skimmer number: \_\_\_\_\_  
 Pool bottom discharge number: \_\_\_\_\_  
 Balancing tank volume: \_\_\_\_\_ m<sup>3</sup>

**Pool flow:**  vertical  horizontal

**Pool lining:** \_\_\_\_\_  
 Tiles, foil, stainless steel, natural stone etc.

**Attractions:** \_\_\_\_\_  
 Massage jets, floor bubbles, air bubbles, etc.

Number of circuits: \_\_\_\_\_

**Water temperature:** \_\_\_\_\_ °C

**Treatment system installation:**

- below the water level / pool  above the water level / pool

Useful height of technical room \_\_\_\_\_ m

**Treatment technology configuration:**

**Filter technology:**  Compact design  Special design  
 Normal operation  Basic/peak load operation

**Ozone production:**  integrated  external  
 run time-dependent  load-dependent

**Control technology:**  Central control unit  
 Level control fresh water  
 Protection against running dry  
 Automatic channel cleaning (cleaning loop)  
 Fresh water metering

Control of others \_\_\_\_\_

- Measuring and control system:**
- free bromine  with registration
  - pH value  with registration
  - Redox potential  with registration
  - Bromine content  with registration
  - Water temperature  with registration
  - Flow rate  with registration

- Dosing equipment:**
- pH value correction
  - Flocculant addition
  - Bromide addition

- Additional disinfection:**  Requirement  Optional

**Miscellaneous:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Determining the flow volumes in public pools in accordance with DIN 19643:**

|                                       |                          |  |
|---------------------------------------|--------------------------|--|
| Non-swimmers' pools:                  | Water depth 0.6 - 1.35 m | $Q = 0.37 \cdot A/0.6$ [m <sup>3</sup> /h]                             |
| Variable-depth pools:                 | Water depth 0.3 - 1.80 m | $Q = 0.37 \cdot A/0.6$ [m <sup>3</sup> /h]                             |
| Swimmers' pools:                      | Water depth > 1.35 m     | $Q = 0.222 \cdot A/0.6$ [m <sup>3</sup> /h]                            |
| Diving pools:                         | Water depth > 3.40 m     | $Q = 0.222 \cdot A/0.6$ [m <sup>3</sup> /h]                            |
| Paddling pools:                       | Water depth 0.3 - 0.6 m  | $Q = 2 \cdot V$ [m <sup>3</sup> /h]                                    |
| Paddling pools:                       | Water depth < 0.30 m     | $Q = 0.3 \cdot A/0.6$ [m <sup>3</sup> /h]                              |
| Small pools up to 96 m <sup>3</sup> : | Water depth < 1.35 m     | $Q = 0.25 \cdot V$ [m <sup>3</sup> /h]                                 |
| Exercise pools:                       | Water depth < 1.35 m     | $Q = 0.5 \cdot A/0.6$ [m <sup>3</sup> /h]                              |
| Therapy pools:                        | Water depth < 1.35 m     | $Q = 1 \cdot V$ [m <sup>3</sup> /h]                                    |
| Heated pools < 20 m <sup>2</sup> :    | Water depth < 1.35 m     | $Q = 2 \cdot V$ [m <sup>3</sup> /h]                                    |
| Heated pools > 20 m <sup>2</sup> :    | Water depth < 1.35 m     | $Q = 0.5 \cdot A/0.6$ [m <sup>3</sup> /h], (min. 40 m <sup>3</sup> /h) |
| Hot spa pools:                        | Water depth < 1.00 m     | $Q = 10$ (up to 20) $\cdot V$ [m <sup>3</sup> /h]                      |
| Added for attractions:                | per circuit / air system | $Q = 5$ m <sup>3</sup> /h in each case                                 |