

PWTAG Swimming Pool Water Errata

CHAPTER 4

page 33

Clarification of training accreditation

Training and competence recommends that pool operator training should be: 'suitable and sufficient and should be accredited by the Pool Water Treatment Advisory Group (PWTAG).'

Accreditation shows that the training meets the requirements of PWTAG's code of practice. To clarify, training that is to the same standard as PWTAG's, but is not formally endorsed by PWTAG, may also be suitable and sufficient.

In such circumstances, pool managers should satisfy themselves that the training provided incorporates the information in PWTAG's training syllabus. It can of course include additional material.

This does not apply to training at commissioning and handover.

CHAPTER 6

page 68

The typical pool – specifications

Sizing outlet grilles

The first equation should read: Flow through each outlet $\frac{172}{2} = 86 \text{ m}^3/\text{h}$

CHAPTER 7

page 76

Backwashing

First paragraph: In the last sentence, after 'for a few minutes,' add 'normally via the filter drain down line,'

CHAPTER 8

page 84

Paragraph beginning 'Many disinfectants': 'see page 22' should read 'see page 26' And 'see page 100' should read 'see page 130'

Paragraph beginning 'There is more': 'page 125' should read 'pages 127 and 128'

page 85

Paragraph beginning 'No standards': 'See page 101' should read 'See pages 130-132'

page 87

Chlorinated isocyanurates

First paragraph: 'page 96' should read 'pages 124 and 125'

page 90

The typical pool – disinfection

The *alternative dosing point* post-filter is shown post-heat exchanger; it can also be pre-heat exchanger.

page 95

Paragraph beginning 'The UV lamps': 'a 750-micron' should read 'a 1mm maximum'

page 96

This is then in line with the reference under *Equipment installation* on page 96

pages 96 & 97

Lamp types

Low-pressure lamps:

a useful life of 'about 10,000 hours' should read '8,000-16,000 hours'

Medium-pressure lamps:

'about 8,000 hours' should read '4,000-9,000 hours'

This is then in line with the reference on page 97 under *Maintenance*.

The typical pool – UV

The diagram shows the chlorine dosing pre-heat plant. It can also be post-heat plant.

page 100

The typical pool – ozone

The diagram shows the chlorine dosing pre-heat plant. It can also be post-heat plant.

CHAPTER 9

- page 109 **Chemical loop system**
Second sentence: It should say that post-filter disinfection can be *before* as well as *after* the heating system.

Second paragraph:
'2.3m/sec' should read '2.1m/sec'
'50mm' should read '63mm'
'20m³/h' should read '15m³/h'

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- page 115 **Faults**
Paragraph beginning 'If the dosing plant': 'see page 92' should read 'see page 119'

CHAPTER 10

- page 124 **Knowing the water**
First paragraph: 'see page 64' should read 'see page 84'

CHAPTER 11

- page 133 Paragraph beginning 'A principle':
'page 59' should read 'page 80'
'page 24' should read 'page 28'

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- page 139 **Dechlorination**
First paragraph: 'see page 24' should read 'see page 28'

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- page 140 **Pool improvement**
First box down on the right: Delete '(see Chapter 3)'

CHAPTER 12

- page 142 Paragraph starting 'Second': 'page100' should read 'page 130'

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- page 145 **Respiratory complaints**
First paragraph: 'see page 97' should read 'see page 126'

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- page 147 **Rashes**
Bullet point starting '*Pseudomonas* infection': 'see page 175' should read 'see page 185'

CHAPTER 13

- page 150 **What goes wrong**
Second paragraph: 'page 118' should read page 152'

CHAPTER 19

- page 195 Sentence 'Sand filters should be checked quarterly and the sand replaced annually' should read 'Sand filters should be checked at least annually and the sand replaced as necessary'.

CHAPTER 21

- pages 206 & 207 **Recommendations**
Second bullet point: '250mm' should read '150mm'
Third bullet point: '250mm' should read '150mm'

- page 210 Sixth bullet point - the single use of toys may be reviewed by risk assessment and provided this demonstrates that water cannot absorb into the toy and the toy can be effectively cleaned and disinfected on a regular basis the toy may be re-used.

- page 227

Parameter	Guide Value	Unit
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Legionella	<100	CFU/1000ml

PARAMETERS FOR POOLS DESIGNED AND INSTALLED TO PWTAG GUIDELINES

pages 245 pH swimming pools (excluding pools treated with sodium bromide with sodium hypochlorite):
Recommended range should be 7.2-7.4, minimum 7.0, maximum 7.8

INDEX

page 268 Sulphuric acid hazards: should be listed pages 110 & 176

page 270 Water temperature: should be listed page 48