**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.
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’

Faults
Paragraph beginning ‘If the dosing plant’: ‘see page 92’ should read ‘see page 119’

Knowing the water
First paragraph: ‘see page 64’ should read ‘see page 84’

Dechlorination
First paragraph: ‘see page 24’ should read ‘see page 28’

Pool improvement
First box down on the right: Delete ‘(see Chapter 3)’

Respiratory complaints
First paragraph: ‘see page 97’ should read ‘see page 126’

Rashes
Bullet point starting ‘Pseudomonas infection’: ‘see page 175’ should read ‘see page 185’

What goes wrong
Second paragraph: ‘page 118’ should read page 152’

Recommendations
Second bullet point: ‘250mm’ should read ‘150mm’
Third bullet point: ‘250mm’ should read ‘150mm’

Parameters for pools designed and installed to PWITAG Guidelines

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

Sulphuric acid hazards: should be listed pages 110 & 176

Water temperature: should be listed page 48