

PAPER 6 TEST
PROBLEM SOLVING IN RESIDENTIAL SWIMMING POOLS

Your Name _____
Don't write in score boxes

MANY OF THE PROBLEMS IN RESIDENTIAL SWIMMING POOLS STEM FROM?

INDIVIDUAL PROBLEMS ARE OFTEN AS A RESULT OF?

1. _____
2. _____
3. _____
4. _____
5. _____

WHAT IS THE GENERAL CONSENSUS OF CORRECTLY BALANCED WATER FOR:

	pH	Cal. Hardness	TA	Residual Chlorine
CONCRETE	___	___	___	___
VINYL LINER	___	___	___	___
FIBREGLASS	___	___	___	___

FILTRATION EQUIPMENT PROBLEMS CAN OCCUR IN:

1. _____
2. _____
3. _____

WHAT ARE SOME TYPICAL PVC SKIMMER BOX PROBLEMS?

WHAT TO LOOK FOR WITH SUCTION AND RETURN LINE PROBLEMS

HOW WOULD YOU CHECK THAT YOUR PRESSURE PIPE RUNS ARE INTACT AFTER YOU HAVE INSTALLED THEM?

ASSUMING THE CORRECT PUMP & FILTER SIZE, HOW WOULD YOU ENSURE ADEQUATE WATER CIRCULATION WITHIN THE POOL?

_____ AND _____

MULTIPOINT VALVES:

NAME SOME POSSIBLE PROBLEMS

AND REMEDIES

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

PROBLEMS WITH AUTOMATIC CHLORINATION DISPENSERS, AUTOMATIC CLEANING DEVICES, AUTOMATIC pH CONTROLLERS, AND SALTWATER CHLORINATORS

WHAT IS THE RECOMMENDED PROCEDURE TO AVOID PREMATURE BREAKDOWNS?

ANCILLARY ELECTRICAL EQUIPMENT

CONTROLLERS & ALL 240V EQUIPMENT MUST BE IN WHICH ZONE (OR GREATER)

ZONE 0

ZONE I

ZONE II

ZONE III

ZONE IV

ZONE V

FAULTS WITH POOL HEATERS

WHAT IS THE MOST COMMON REASON A HEATER REFUSES TO START?

WHAT DO YOU DO IF YOU CAN'T FIND ANY SIMPLE REASON THE HEATER WON'T START UP?

PROBLEMS WITH MAINTAINING AN ADEQUATE WATER LEVEL IN THE POOL

WHERE SHOULD YOU LOOK FOR A POTENTIAL LEAK?

WATER LOSS IN ALL POOLS

(a) _____

NZ POOL INDUSTRY ASSOCIATION Inc
DIPLOMA COURSE 2021 TEST PAPER

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Dip.Pool Tech

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(b) _____

(c) _____

(d) _____

(e) _____

(f) _____

AS ABOVE, AND WATER LOSS IN A VINYL POOL

(g) _____

OR WATER LOSS IN A FIBREGLASS POOL

(h) _____

WHAT IS A SURE SIGN THAT AN UNDERGROUND PIPE IS LEAKING?

-end-

Diploma Course 2021



**SWIMMING POOL CONSTRUCTION
TECHNOLOGY & MAINTENANCE**

Dip. Pool Tech (NZPIA)