



WORLD AQUATICS

ARTISTIC SWIMMING POOL CERTIFICATION

ORGANIZING BODY

BUILDING NAME

OWNER

CONTRACTOR

DESIGN TEAM

DATE

WORLD AQUATICS

APPROVED BY

DATE

SIGNATURE

TABLE OF CONTENTS

DRAWING SUBMITTAL REQUIREMENTS.....	3
MEASUREMENT CRITERIA	3
TYPE OF VENUE	4
FACILITY REQUIREMENTS	4
FACILITY REQUIREMENTS FOR OLYMPIC GAMES AND WORLD CHAMPIONSHIPS	6
COMPLIANCE WITH LOCAL REGULATIONS.....	8
ADDITIONAL COMMENTS.....	8
SIGNATURES	9

DRAWING SUBMITTAL REQUIREMENTS

As part of the pool certification document, the organizing body is required to submit drawings of the pool and associated competition areas for review in addendum with this document. These drawings must be in scale and reflect the as-built condition of the facility. The drawings must include:

1. A BUILDING PLAN VIEW, INCLUDING THE FULL DECK WIDTHS AND SPECTATOR SEATING AREAS;
2. A POOL PLAN VIEW WITH CORRESPONDING WATER DEPTHS;
3. A POOL LONGITUDINAL SECTION VIEW WITH CORRESPONDING WATER DEPTHS;
4. AND A POOL CROSS SECTION VIEW WITH CORRESPONDING WATER DEPTHS.

MEASUREMENT CRITERIA

1. THE MEASUREMENTS SHALL BE DONE BY A CERTIFIED SURVEYOR, APPOINTED OR APPROVED BY THE MEMBER IN THE COUNTRY IN WHICH THE VENUE IS LOCATED.
2. THE SURVEYING EQUIPMENT SHALL BE A TOTAL STATION. THE MINIMUM REQUIREMENTS OF THE TOTAL STATION ARE THE FOLLOWING:

2.1 DISTANCE MEASUREMENT ACCURACY: 1MM + 1.5PPM
3. THE SURVEYOR SHALL PROVIDE A CALIBRATION CERTIFICATE CONFIRMING THE MEASUREMENT QUALITY OF SURVEYING EQUIPMENT. THE CERTIFICATE SHALL HAVE A MAXIMUM VALIDITY OF 1 YEAR.
4. ALL DIMENSIONS SHALL BE MEASURED USING A MINI PRISM OR TARGETS.
5. THE MEASUREMENTS CORRESPONDING TO THE POOL DEPTH SHALL BE MEASURED WITH THE POOL EMPTY
6. THE MEASUREMENTS CORRESPONDING TO LENGTH AND WIDTH MAY BE MEASURED WITH THE POOL FULL OF WATER. THE WATER LEVEL CAN BE LOWERED UP TO 5CM TO AVOID WATER REFLECTION WHEN MEASURING.
7. THE WATER TEMPERATURE SHALL NOT BE LESS THAN 27° CENTIGRADE.

TYPE OF VENUE

POOL CONSTRUCTION (I.E. CONCRETE, STAINLESS STEEL, ETC.)	
POOL FINISH (I.E. PAINT, PLASTER, TILE, LINER, ETC.)	
POOL USE CASE (I.E. OLYMPIC GAMES, WORLD CHAMPIONSHIPS, WORLD CUP TRAINING)	

FACILITY REQUIREMENTS

WATER DEPTH & FIELD OF PLAY

PART 7, 27.1.2 – For the routine section of the competition a minimum area of 15 metres by 25 metres is required, within an area of which 12 metres by 12 metres must have a minimum depth of 3.0 metres. The depth of the remaining area shall be 2.0 metres minimum.

PART 7, 27.1.3 – The pool depth shall be as detailed in Part Seven, Article 27.1.2. Where the water depth is more than 2.0 metres, the depth at the pool wall may be 2.0 metres and then sloped down to reach the general depth at 1.2 metres maximum from the pool wall.

	Length	Width	N/A
Routine Area – 2M			
Routine Area – 3M			
WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT	
PART 7, 27.1.2			
PART 7, 27.1.3			

MARKINGS

PART 7, 27.1.4 If there are no markings as described in Part Two, Article 16.2.15, the floor of the pool must be marked with contrasting lines in one direction, following the length of the pool as detailed in: Artistic Swimming Diagram Annex 1.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.1.4		

WATER CONDITIONS

PART 7, 27.1.5.1 - The water must be of sufficient clarity for the bottom of the pool to be visible.

PART 7, 27.1.5.2 - The water temperature shall not be less than 27° Centigrade.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.1.5.1		
WATER TEMPERATURE		
PART 7, 27.1.5.2		

LIGHTING

PART 7, 27.1.6 - The minimum light intensity at the level of 1 metre above the water surface shall not be less than 600 lux. Sources of natural and artificial illumination shall be provided with controls to prevent glare for judging platforms and the starting platform.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
LIGHTING REPORT ISSUED		
PART 7, 27.1.6		

STARTING PLATFORMS

PART 7, 27.1.7 - Starting platform is recommended 1.0 metres in height but not less than 0.5 metres. The surface of the platform should be covered in a slip-resistant material (suggest a quick drying waterproof carpet). The athlete entrance should always be centre stage.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.1.7		

FACILITY REQUIREMENTS FOR OLYMPIC GAMES AND WORLD CHAMPIONSHIPS

If the pool will not be used for World Championships or Olympic Games, this section is not required.

WATER DEPTH & FIELD OF PLAY

PART 7, 27.2.2 – For the routine section of competition at Olympic Games and World Aquatics Championships a minimum area of 30.0 metres by 20.0 metres is required.

PART 7, 27.2.3 – The depth of the water shall be consistently not less than 3.00 metres.

	Length	Width	N/A
Routine Area – 3M			
WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT	
PART 7, 27.2.2			
PART 7, 27.2.3			

MARKINGS

PART 7, 27.2.4 If there are no markings as described in Part Two, Article 16.2.15, the floor of the pool must be marked with contrasting lines in one direction, following the length of the pool as detailed in: Artistic Swimming Diagram Annex 1.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.2.4		

WATER CONDITIONS

PART 7, 27.2.5.1 - The water must be of sufficient clarity for the bottom of the pool to be visible.

PART 7, 27.2.5.2 - The water temperature shall not be less than 27° Centigrade.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.2.5.1		
WATER TEMPERATURE		
PART 7, 27.2.5.2		

LIGHTING

PART 7, 27.2.6 - The light intensity at the level of 1 metre above the water surface shall not be less than 1500lux. Sources of natural and artificial illumination shall be provided with controls to prevent glare for judging platforms and the starting platform.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
LIGHTING REPORT ISSUED		
PART 7, 27.2.6		

STARTING PLATFORM

PART 7, 27.2.7 - Starting platform shall be 0.7 metres in height with a tolerance of ± 1 cm. The surface of the platform should be covered in a slip-resistant material suggest a quick drying waterproof carpet. See Artistic Swimming Diagrams, Annexes 1 and 2.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.2.7		

WARM UP POOL

PART 7, 27.2.9 - Practice warm up pool shall have a minimum area of 25 metres by 25metres or 30metres by 20 metres with a depth of 3 metres.

A sound reproduction system meeting the requirements set in Part Seven, Article 27.3 shall be available.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.2.9		

DRYLAND AREA

PART 7, 27.2.10 - A dry land training stretch area must be provided for the athletes with mats.

WORLD AQUATICS RULE	COMPLIANT	NONCOMPLIANT
PART 7, 27.2.10		

COMPLIANCE WITH LOCAL REGULATIONS

All facilities must comply with local, regional, and national health and safety regulations.

If local regulation require closure for particular conditions, please disclose those in the additional comments section.

WORLD AQUATICS RULE	YES	NO	N/A
LOCAL REGULATIONS			
REGIONAL REGULATIONS			
NATIONAL REGULATIONS			

ADDITONAL COMMENTS

THIS SECTION IS PROVIDED FOR ADDITIONAL COMMENTS:

SIGNATURES

BUILDING NAME			
SURVEYOR		SIGNATURE	
POOL EXPERT		SIGNATURE	
ORGANIZING BODY		SIGNATURE	
FEDERATION			
POOL NUMBER		DATE	