



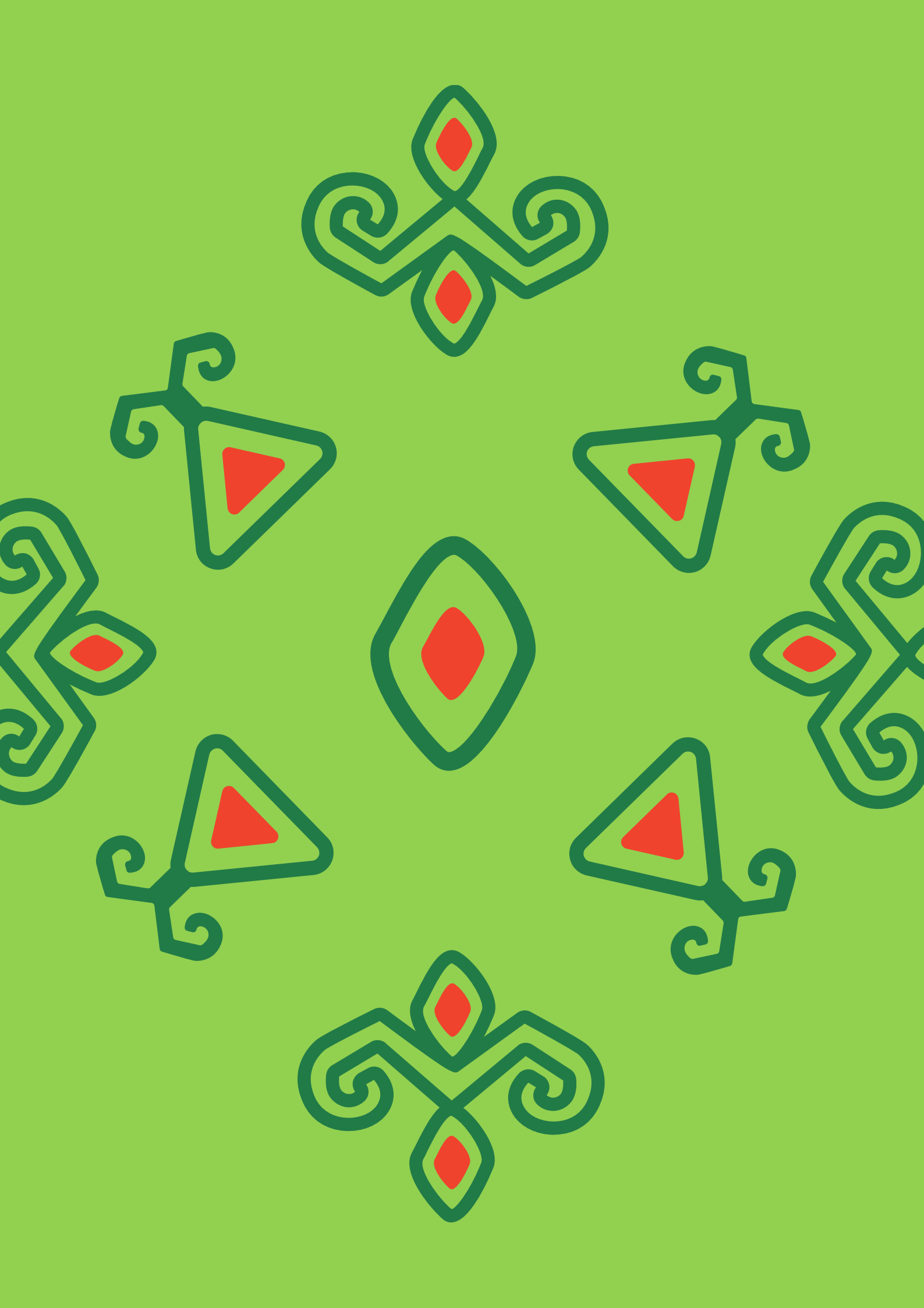
Ashgabat 2017

5th Asian Indoor & Martial Arts Games

Sport Handbook

Bowling

September 2017



5th Asian Indoor And Martial Arts Games – in honor of peace and friendship

On behalf of the Country of Turkmenistan, I would like to welcome all of our guests who are coming to participate at Ashgabat 2017 5th Asian Indoor and Martial Arts Games, taking place for the first time in our country.

We are working hard across all levels of the government to develop sport in Turkmenistan, and are working together with International Federations and sporting organisations throughout the world to share knowledge and experience.

I hope that Ashgabat 2017 will establish Turkmenistan's position on an international level, spread our Country's love of sport throughout the world and strengthen our friendly relations between nations.

During the Games, Asian and Oceanic athletes will have the opportunity to share their experiences, demonstrate their sporting skills and build lasting friendships.

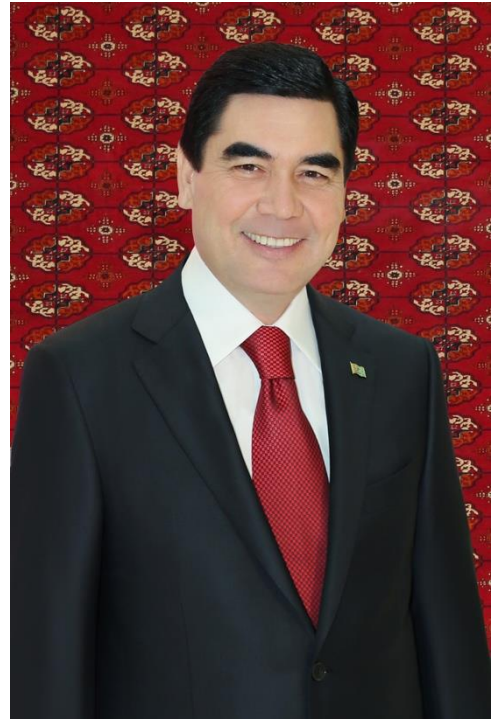
We have been working hard to deliver the Games to a high level. The Ashgabat Olympic Complex covers total area of 157 ha, we have over 30 different sites within the complex, including 13 of the 15 sport competition venues.

The Athletes village and accommodation for our guests offers international world class catering, relaxation, cultural and entertainment facilities. All of this contributes to the great experience we want our guests to have along with a greater cooperation with Asian, Oceanic and international sport federations.

"Health, Inspiration and Friendship" was chosen as the motto of the Games. This motto is reflective of our healthy society, our nation's inspiration and the importance of developing friendly relations with all nations of the world.

National values, ancient traditions and the rich culture of our nation are depicted in the logo, mascot and brand of Ashgabat 2017. The logo, mascot and brand of the Games, which represent past and present history, and the great future of our nation, will form a starting point for a unique opportunity for our guests to experience our ancient heritage, national legacy, spiritual and cultural values through to modern day times of our country.

Our nation's healthy life style is embedded in each and every one of our citizens. One of the leading principles of the state is to protect our nation's health, to ensure that our citizens enjoy a peaceful and prosperous life, to assure our young generations enjoy sport and to major sporting events in our country.




I would like to express my gratitude to the heads of the Olympic Council of Asia for the support and opportunity to host the 5th Asian Indoor and Martial Arts Games and I would also like to thank the heads of the Asian and Oceania National Olympic Committees for their support in the participation of their athletes in the 5th AIMAG.

I wish success, prosperity and sound health to all the athletes who will participate in the 5th Asian Indoor and Martial Arts Games.

**President of Turkmenistan
Gurbanguly BERDIMUHAMEDOW**

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Introduction

In September 2017 Ashgabat will host the 5th Asian Indoor and Martial Arts Games; attracting athletes from 64 delegations from Asia and Oceania to participate across 21 sports.

This is a historic moment for the country, as Ashgabat 2017 will be the first major multi-sport event to be hosted in Turkmenistan. The vision after these games will be for the city of Ashgabat and the wider country to host future major sporting events at an international level.

5th Asian Indoor and Martial Arts Overview

The Games are owned, co-organised, and regulated by the Olympic Council of Asia (OCA).

The first Asian Indoor Games were held in 2005 in Bangkok. After three editions of the Asian Indoor Games, the Olympic Council of Asia merged the event with the Asian Martial Arts Games. This merger created the Asian Indoor and Martial Arts Games, with the 4th AIMAG taking place in Incheon, Korea in 2013.

In 2010 the 5th edition of the Asian Indoor and Martial Arts Games was awarded to the city of Ashgabat, Turkmenistan.

The 2017 Asian Indoor and Martial Arts Games will be held in Ashgabat from 17–27 September 2017.

Ashgabat 2017 5th AIMAG Executive Committee

The Ashgabat 2017 5th AIMAG Executive Committee was established in 2013 under the direction of the President of Turkmenistan Gurbanguly Berdimuhamedov. The Chairman of the 5th AIMAG Executive Committee is Mr. Dayanch Gulgeldiyev.

The Ashgabat 2017 5th Asian Indoor and Martial Arts venues

There are 15 competition venues, with all sports except Equestrian Jumping and Futsal taking place within the Ashgabat Olympic Complex. Equestrian Jumping will take place at the Equestrian Centre located in the north east of the city and Futsal at the Multifunctional Sport Venue located less than 500m from the Ashgabat Olympic Complex.

The Ashgabat 2017 5th Asian Indoor and Martial Arts sports

Twenty-one sports will be contested during the 5th Asian Indoor and Martial Arts Games. The Games will include six Olympic sports: 3x3 Basketball, Track Cycling, Equestrian Jumping, Taekwondo, Wrestling and Weightlifting.



Aziya Olimpiya Geŋe

15-16 September



Organising Bodies

OCA Executive Board

Title	Name	Country
President	Sheikh Ahmad Al-Fahad Al-Sabah	Kuwait
Honorary Life Vice-President	Raja Randhir Singh	India
Honorary Life Vice-President	Jizhong Wei	China
Vice President	Maj Gen Charouk Arirachakaran	Thailand
Vice President	Timothy Tsun Ting Fok	Hong Kong
Vice President	Lt Gen Syed Arif Hassan	Pakistan
Vice President	HE Sheikh Isa Bin Rashed Al Khalifa	Bahrain
Vice President	Timur Kulibayev	Kazakhstan
Vice President	Tsunekazu Takeda	Japan
Vice President	Prof Dr Hoang Vinh Giang	Vietnam
Vice President	Sapardurdy Toylyyev	Turkmenistan
Vice President	Song Luzeng	China
Vice President	Yu Zaiching	China
Vice President	Rita Sri Wahyusih Subowo	Indonesia
Honorary Vice-President	Hemasiri Fernando	Sri Lanka



General Information

1. Ashgabat 2017 5th Asian Indoor and Martial Arts Games in Brief



1.1 Games Overview

Duration	17–27 September 2017
Location	Ashgabat, Turkmenistan
Games Venue	15 Competition Venues
Sports Programme	21 Sports / 341 Events
Patron	Olympic Council of Asia (OCA)
Host	Ashgabat 2017 5 th AIMAG Executive Committee

1.2 Motto

**Health. Inspiration.
Friendship.**



1.3 Logo

The Ashgabat 2017 logo is made up of several different elements:

Akhal-teke

The akhal-teke horse is a national symbol of Turkmenistan. These horses are renowned for their speed, endurance and intelligence. The horse represents **Health**.

Moon

The crescent Moon is a recognised symbol shown on the Turkmenistan national flag. The Moon represents **Inspiration**.

Star

The star is the symbol of the Olympic Council of Asia, which represents welcoming Asian countries to Turkmenistan. The star represents **Friendship**.

Together the elements of the logo and the colours come together to represent Health, Inspiration and Friendship within Turkmenistan, and the circular shape reflects unity and sharing these values with the world.



1.4 Mascot

The Ashgabat 2017 Mascot is called Wepaly – meaning Loyal Friend in Turkmen. He is an Alabai, a traditional Turkmen dog which is renowned as a beautiful and courageous animal that for many centuries has helped Turkmen shepherds to safeguard flocks of cattle in heavy conditions in the sandy desert. Today the Alabai is treasured by the Turkmen people not only as a courageous protector, but also as a loyal friend. Wepaly wears traditional ceremonial dress and a white telpek fur hat while waving the State Flag of Turkmenistan and the symbol of the Olympic Council of Asia.



2. Accreditation and Validation

The Asian Indoor and Martial Arts Identity and Accreditation Card (AIMAGIAC) is both a visa-waiver document for entry into Turkmenistan for the 5th AIMAG and an identity and access device for access into Games venues.

AIMAGIACs will be distributed to all eligible Games participants via IFs/AFs (Technical Delegates and federation staff), NOCs (athletes and team officials), or the Ashgabat 2017 Executive Committee Sport Team (Technical Officials). The cards will be distributed in the form of a Pre-Valid Card (PVC) which must be validated at an official Games Accreditation location prior to being used to access Games venues.

For updates on the status of applications, please contact the IF/AF or NOC that is responsible for your application. Please also contact the relevant responsible organization if you do not receive your PVC before the end of August 2017.



PVCs should be carried with the passport during travel to Turkmenistan – participants may need to show the PVC to airline check-in or border control officials during departure or transit to prove eligibility to enter Turkmenistan. The PVC is a visa waiver document for entry into Turkmenistan between 18 August and 12 October 2017 – participants in possession of a PVC do not need to apply for a separate entry visa for Turkmenistan during this period. The PVC however does not act as a transit visa for any country – participants are required to make their own arrangements for transit visas where required.

Upon arrival into Turkmenistan, the Accreditation Card should be presented with the passport to the border control officials. The passport must be the same as the information submitted as part of the application for accreditation, and it must be valid until at least 28 December 2017.

Validation of the PVC

PVCs must be validated at an official Games Accreditation location before accessing Games venues. Each participant must attend in person with their passport to complete the process.

There will be Accreditation Validation Counters at Ashgabat International Airport (ASB) from 1 September 2017 – all participants arriving into Turkmenistan through ASB are required to complete the validation process at the airport before proceeding to their accommodation.

3. Accreditation Locations and Services

Centre	Client Groups	Validation	Help Office	Lost/Stolen Replacement
Ashgabat International Airport (ASB)	All participants arriving on international flights	YES	-	-
Athletes Village Accreditation Centre	Village residents only	YES	YES	YES
Uniform and Accreditation Centre (UAC)	All	YES	YES	YES
Venue Accreditation Help Offices (VAHOs): <ul style="list-style-type: none"> • Ashgabat Olympic Complex South • Ashgabat Olympic Complex East • Multifunctional Sport Venue/Ashgabat Olympic Complex North • Equestrian Centre 	All	YES	-	YES
OCA Family Hotel Accreditation Centre	OCA Family Hotel residents only	YES	YES	YES

Lost, Stolen and Damaged PVCs and AIMAGIACs

If your PVC is lost prior to departure for Turkmenistan, is lost in transit or is damaged, please contact your IF/AF or NOC in the first instance. They will communicate with the 5th AIMAG Executive Committee to discuss options.

If your AIMAGIAC is damaged in such a way that the photograph, name or access codes are not easily read, or if the barcode area is damaged so that it will not scan at the access control points, please report to any Accreditation Centre where a replacement card will be issued.

Lost or stolen AIMAGIACs should be reported to any Accreditation Centre at the earliest possible opportunity so that it can be cancelled. A new AIMAGIAC will be issued upon completion of a declaration form, and presentation of a valid passport to confirm identity.



4. Transportation

4.1 Transport Services for Arrival and Departure

Shuttle Bus Services will be provided for arriving and departing athlete and team officials, depending on arrival and departure information and flight details. Before departure Shuttle Bus Services require advanced reservation.

4.2 Transport services for Competitions

Shuttle Bus Services for athletes and team officials participating in non-team events will be provided between athletes Village and the competition venues as per the competition schedule.

4.3 Transport Services for Training

Shuttle Bus Services for athletes and team officials participating in non-team events will be provided between Athletes Village and the training venues as per the training schedule.

4.4 Transport Services for Spectating

The Athlete Village to venue Shuttle Bus Service will be provided to athletes and team officials wishing to watch other sport competition events. The service is also available to all athletes and team officials who are involved in the same events, priority however, will be given to athletes and team officials participating in their own events. Due to the close proximity of the Athletes Village to the Olympic complex the option to walk is available to non-participating athletes and team officials.

4.5 Other Transport Services

The luggage belonging to athletes and team officials should, in principle, be loaded onto the bus they take. If not possible due to insufficient storage space, another vehicle will be provided to transfer baggage to the destination.





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ASHGABAT 2017

ASHGABAT 2017

5. Accommodation

Ashgabat 2017 aims to provide a secure and comfortable environment for athletes and team officials to relax, perform at their best and enjoy the atmosphere of the first Athletes Village in Turkmenistan.

The Athletes Village is conveniently located in the heart of Ashgabat, in near proximity to the city centre and other business, leisure and commercial attractions.

Located across the road from the Ashgabat Olympic Complex (see map), the Athletes Village contains 14 buildings with 12 floors each. The apartments have between two and three bedrooms.

6. Media

6.1 Mixed Zone

There is a mixed zone in every venue, for every sport. Athletes are required to go through the mixed after competition. The mixed zone is made up of broadcasters and written media. Athletes do not have to stop and speak to media but they are required to go through the mixed zone. Generally the mixed zone will have media from the athlete's country.

6.2 Media Conference

Media conferences may occur depending on the sport and the level of media interest. These are arranged through NOCs Media Teams.

7. Medical Service

Medical stations for athletes will be installed at all competition venues and training facilities.

On-site medical treatment and emergency transfer service will be provided during the operating period. The polyclinic in the Athletes Village will provide treatment and consultation by professional medical staff across the departments of internal medicine, general surgery (including orthopedics), ophthalmology, stomatology, medical imaging, physical therapy, pharmacy etc.

It will also have an emergency room open 24 hours per day, with standby ambulance. Any patient who needs further diagnosis and treatment will be transferred to designated hospitals of the Games.

Where accredited persons including OCA Family, VIP guests, NOC guests suffer from acute diseases, acute exacerbations of chronic diseases or acute injuries, they can receive treatment in the Polyclinic or designated hospitals free-of-charge. Services may include emergency treatment, in-patient service, special consultation and ambulance transfer, if required. However, free medical services will not include selective or unnecessary treatment.



8. Host Country/City Information

8.1 Turkmenistan in Brief

Turkmenistan is located in the western part of Central Asia. The country extends 1100 km from west to east and 650 km from north to south.

The area of Turkmenistan is 491,210 km². In the south, Turkmenistan borders with Iran and Afghanistan in the south east, with Kazakhstan in the north, Uzbekistan to the east and north east, and with the Caspian Sea in the west.

Over 80 percent of Turkmenistan's territory is covered by the Karakum desert, which mainly spreads across the centre of the country. Approximately 15 percent of the territory of Turkmenistan is occupied by hills and mountains. The highest peak in the country is Mount Airy Baba with an altitude of 3139m.

Turkmenistan is divided into 5 provinces – Ahal, Balkan, Dashoguz, Lebap and Mary. Each province is divided into districts. There are 50 districts, 24 towns, including 15 district-wide towns, 76 villages and 553 rural councils (rural municipal units) and 1903 rural settlements in Turkmenistan.

Turkmenistan - is a democratic, legal, secular state and its government is a presidential republic, led by President Gurbanguly Berdimuhamedov.

The Constitution of Turkmenistan is the main law of state, according to which the state structure of Turkmenistan is based on the principle of separation of powers into legislative, executive and judicial branches, which operate independently, balancing each other.

The President of Turkmenistan shall be the head of the state and executive branch of power, the highest official of Turkmenistan, acting as a guarantor of the state independence and the status of permanent neutrality of Turkmenistan, its territorial integrity, observance of the Constitution, the rights and freedoms of a person and citizen and fulfilment of international obligations.

On 27 October 1991 Turkmenistan became an independent state and since then this date is celebrated as the country's Independence Day.

On 12 December 1995 with the unanimous support of all 185 Member States of the United Nations General Assembly Member States Turkmenistan was recognised as a permanently neutral state.



8.2 Ashgabat in Brief

Introduction to Ashgabat

The capital city of Turkmenistan is Ashgabat, and the largest administrative and cultural centre of the country. Ashgabat is located in the south of Turkmenistan.

History and Culture

Turkmenistan has been at the crossroads of Civilizations for centuries. In medieval times, Merv was one of the great cities of the Islamic world and an important stop on the Silk Road, a caravan route used for trade with China until the mid-15th century. In Turkmenistan there are over two thousand historical and cultural sites. These include open-air museums Of Ancient settlements such as Old Nisa, Kunya Urgench, Atamyrat, Ancient Dehistan, Old Sarakhs, Abiverd and Geoktepe fortress. All of them have become a place of Cultural Pilgrimage for many tourists and scientists from around the world.

Currency

The national currency is manat, put into circulation on November 1, 1993. Currently, the ratio of the national currency to a freely convertible currency is: 3.50 manat = 1 US dollar.

Population

The population of Turkmenistan is more than 6.2 million people. Turkmenistan is a multinational state. There are more than 100 nations and ethnic groups living in the country.

Language

Turkmen is the official state language. The educational institutions of Turkmenistan ensure learning of three languages – Turkmen, English and Russian. In addition, the higher educational institutions and some specialised secondary schools include study of French, Chinese, German, Japanese and some other foreign languages.

9. Weather Conditions

In September the average temperature in Ashgabat is 23.1C, with an average daily maximum of 31.5C and an average daily minimum of 15.4C (source: <http://www.ashgabat.climatemps.com/temperatures.php>).

There is only a 3% chance of rain on any given day, and an average 9 hours and 23 minutes of sunshine per day in September.



Technical Information

1. Competition Date

The Bowling competition will take place from 21–27 September 2017 at the Bowling Centre. Athlete training is at the Bowling Centre on 19–20 September, 2017.

2. Venue

Category	Competition venue	Training venue
Name	Bowling Centre, Athletics Complex	Training will take place at the competition venue
Distance from the Athletes' Village	1km	
Field of Play Size	32 lanes	
Seating capacity	552	

3. Competition Management

3.1 Technical Delegate: Mr. Dante Arthur SANTOS, (Philippines), Asian Bowling Federation (ABF) Technical Delegate

3.2 Competition Manager: Steph Hill

Technical Operations Manager: Bruce Danbury

Games Academy Sport Specialist: Samira Najafova

Games Academy Sport Specialist: Nury Nazarov

4. Competition Events

The Bowling competition will consist of six (6) events including three (3) categories for men and three (3) categories for women.

Men	Women
Individual	Individual
Doubles	Doubles
Team of four	Team of four



5. Competition Schedule

Date	Time	Event	Gender	Phase
21/9 (Thurs)	09:00 - 12:00	Singles	M	Squad A
	12:00 - 13:30			Lane Maintenance
	13:30 - 16:30	Singles	M	Squad B
	16:30 - 18:00			Lane Maintenance
	18:00 - 20:00	Singles	M	Quarter-Final, Semi-Final, Final
	20:00 - 20:30	Singles	M	Victory Ceremony
22/9 (Fri)	09:00 - 12:00	Singles	W	
	12:00 - 13:30			Lane Maintenance
	13:30 - 15:30	Singles	W	Quarter-Final, Semi-Final, Final
	15:30 - 16:00	Singles	W	Victory Ceremony
23/9 (Sat)	09:00 - 12:00	Doubles	M	Squad A
	12:00 - 13:30			Lane Maintenance
	13:30 - 16:30	Doubles	M	Squad B
	16:30 - 18:00			Lane Maintenance
	18:00 - 20:00	Doubles	M	Quarter-Final, Semi-Final, Final
	20:00 - 20:30	Doubles	M	Victory Ceremony
24/9 (Sun)	09:00 - 12:00	Doubles	W	
	12:00 - 13:30			Lane Maintenance
	13:30 - 15:30	Doubles	W	Quarter-Final, Semi-Final, Final
	15:30 - 16:00	Doubles	W	Victory Ceremony
25/9 (Mon)	09:00 - 12:00	Team of Four	M & W	Block 1
	12:30 - 13:30			Lane Maintenance
	13:30 - 16:30	Team of Four	M & W	Block 2
26/9 (Tues)	09:00 - 12:30	Team of Four	W	Semi-Final
	12:30 - 13:30			Lane Maintenance
	13:30 - 17:00	Team of Four	M	Semi-Final
27/9 (Wed)	09:00 - 12:00	Team of Four Team of Four	W M	FINAL
	12:00 - 12:30	Team of Four	W/M	Victory Ceremony

*Note: This competition schedule is subject to change depending on the number of final entries as well as the necessity of the Asian Bowling Federation.



6. Competition Rules

The Bowling competition of the 5th Asian Indoor and Martial Arts Games shall be conducted in accordance with the Competition Rules of the Asian Bowling Federation (ABF) and relevant regulations, in force during the Games time.

In case of any disagreement in the language interpretation of the rules and regulation, the English version shall prevail. Any unforeseen case not covered by the rules and regulations shall be handled as follows:

General Issues: Resolved in accordance with OCA Constitution and Rules

Technical Issues: Resolved in accordance with the Asian Bowling Federation Rules and Regulations.

7. Competition Format

In all events, the oil patterns that will be applied will be selected by the international technical delegate. The oil patterns are provided in section 7.8 below.

7.1 Field of Play (FOP)

The FOP consists of 32 lanes.

7.2 Scoring

Scoring is in line with the ABF regulations. The Results, Timing and Scoring provider is ATOS using an integrated system between Brunswick and ATOS.

7.3 Decision

The athlete that scores the highest number of points is the winner.

7.4 Contestant uniform and protective equipment

Athletes will wear their NOC tracksuits for the competition. Each athlete is permitted to register up to 7 competition balls for use during the competition.

7.5 Drawing of lots

The Technical Delegate will allocate lanes for the preliminary rounds prior to the team manager's meeting. This will be displayed at Sport Information desks in the Athlete's Village and in the Bowling Centre.

7.6 Oiling Pattern

Oiling patterns follow on the next 2 pages.





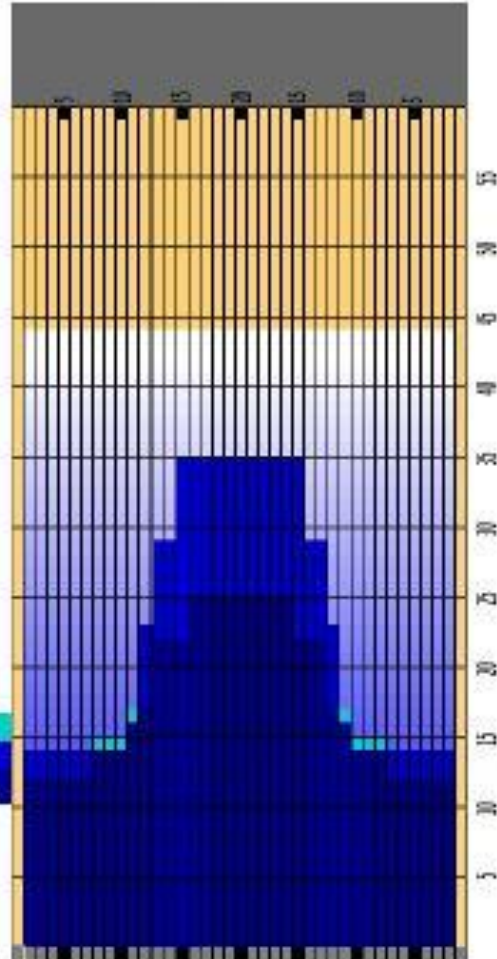
2017 Asian Indoor Games-Long



Oil Pattern Distance	44	Reverse Brush Drop	40	Oil Per Board	Multi ul
Forward Oil Total	12.2 mL	Reverse Oil Total	12.7 mL	Volume Oil Total	24.9 mL
Tank Configuration	Only A	Tank A Conditioner	ICE	Tank B Conditioner	ICE

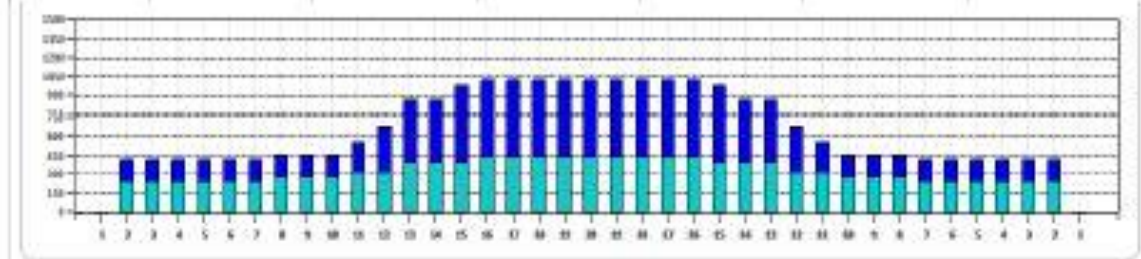
TIME	STEP	LOADS	MAX	SPEED	BUFFER	CROSS	START	END	FEET	T.O.B.	
1	2L	2R	0	40	18	2	223	0.0	12.7	12.7	10000
2	8L	8R	1	40	18	2	25	12.7	15.2	2.5	10000
3	11L	11R	1	40	18	2	18	15.2	17.7	2.5	790
4	13L	13R	2	40	18	3	10	17.7	22.8	5.1	1200
5	16L	16R	1	40	18	3	5	22.8	25.3	2.5	160
6	2L	2R	0	40	22	3	8	25.3	35.0	9.7	0
7	2L	2R	0	40	25	1	8	35.0	44.0	9.0	0

TIME	STEP	LOADS	MAX	SPEED	BUFFER	CROSS	START	END	FEET	T.O.B.	
1	2L	2R	0	50	20	1	8	44.0	35.0	-9.0	0
2	15L	15R	2	55	22	1	22	35.0	28.8	-6.2	1200
3	13L	13R	2	55	22	2	10	28.8	22.0	-6.7	1600
4	12L	12R	2	60	22	3	14	22.0	16.4	-5.2	2040
5	11L	11R	1	60	18	3	15	16.4	13.0	-2.5	1140
6	2L	2R	3	60	18	3	112	13.0	6.3	-7.6	6690
7	2L	2R	0	60	18	4	8	6.3	0.0	-6.3	0



Cleaner Ratio Main Mix NA Forward
 Cleaner Ratio Back End Mix NA Reverse
 Cleaner Ratio Back End Distance NA Combined
 Buffer RPM: 4 = 720 | 3 = 500 | 2 = 200 | 1 = 50

Item	8L-7L-18L-18R	8L-12L-18L-18R	18L-7L-18L-18R	18L-18R-17R-13R	18L-18R-12R-8R	18L-18R-7R-3R
Description	Outside Track/Middle	Middle Track/Middle	Inside Track/Middle	Middle/Inside Track	Middle/Middle Track	Middle/Outside Track
Track Zone Ratio	2.43	1.85	1.07	1.07	1.85	2.43





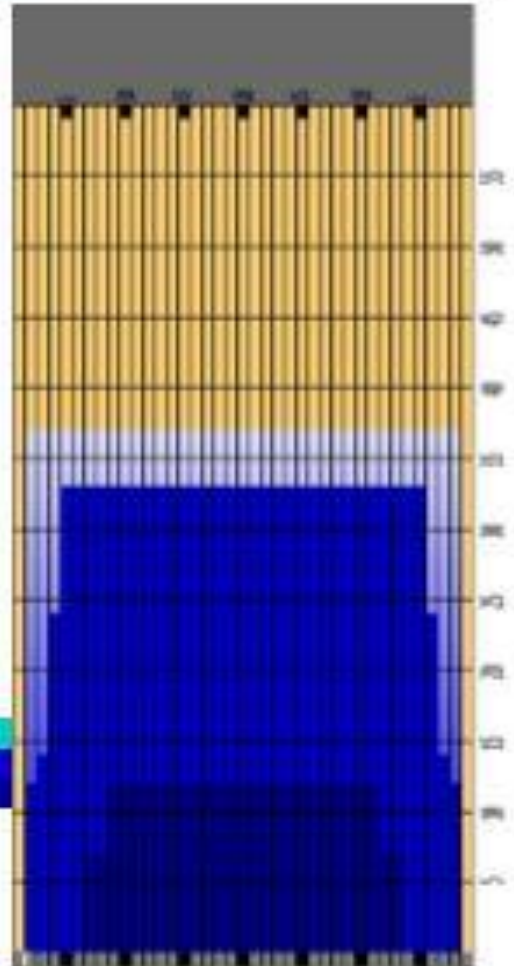
2017 Asian Indoor Games-Short



Oil Pattern Distance	37	Reverse Brush Drop	34	Oil Per Board	Multi oil
Forward Oil Total	3.74 mL	Reverse Oil Total	16.555 mL	Volume Oil Total	22.295 mL
Tank Configuration	Only A	Tank A Conditioner	ICE	Tank B Conditioner	ICE

STREET	SPIN	LENGTH	MICRO	SPREAD	BUFFER	CONDITION	START	END	STEP	TYPE	
1	20	28	1	25	08	0	27	0.0	0.0	0.0	0000
2	20	28	0	25	08	0	25	0.0	0.0	0.0	0000
3	20	28	0	25	08	0	40	0.0	0.0	0.0	0000
4	20	28	0	25	08	0	0	12.7	05.0	13.3	0
5	20	28	0	25	22	0	0	24.0	12.0	0.0	0
6	20	28	0	25	22	1	0	24.0	12.0	0.0	0

STREET	SPIN	LENGTH	MICRO	SPREAD	BUFFER	CONDITION	START	END	STEP	TYPE	
1	20	28	0	25	08	1	0	27.0	0.0	0.0	0
2	20	28	0	25	22	0	0	25.0	0.0	0.0	0000
3	20	28	0	25	22	0	0	25.0	0.0	0.0	0000
4	20	28	0	25	08	0	0	24.0	0.0	0.0	0000
5	20	28	0	25	08	0	0	24.0	0.0	0.0	0000
6	20	28	0	25	08	0	0	24.0	0.0	0.0	0

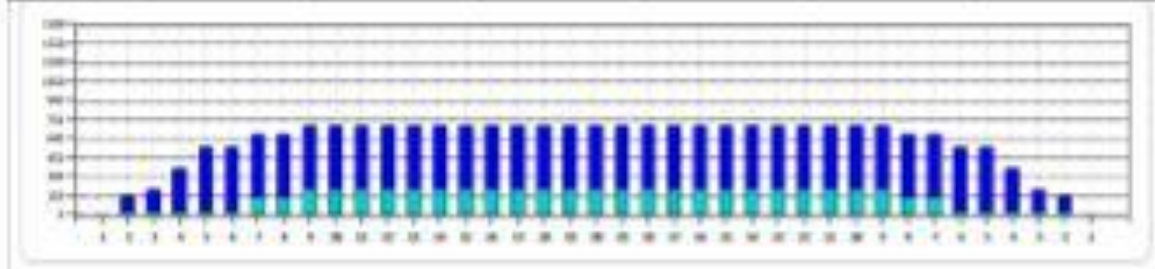


Cleaner Ratio Main Mix: NA Forward
 Cleaner Ratio Back End Mix: NA Reverse
 Cleaner Ratio Back End Distance: NA Combined

Buffer RPM: 4 = 720 | 3 = 500 | 2 = 200 | 1 = 50



Item	0L, 7L, 10L, 10R	0L, 10L, 10L, 10R	10L, 10L, 10L, 10R	10L, 10R, 10R, 10R	10L, 10R, 10R, 0R	10L, 10R, 7R, 0R
Description	Outside Track/Middle	Middle Track/Middle	Inside Track/Middle	Middle/Inside Track	Middle/Outside Track	Middle/Outside Track
Track Zone Ratio	1.56	1.02	1	1	1.02	1.56



8. Sport Entries

8.1 Eligibility

Only OCA and ONOC member NOCs are entitled to send athletes to participate the Bowling competition at the 5th Asian Indoor and Martial Arts Games. Only athletes who comply with the OCA Constitution and Rules and its Bye-laws are entitled to participate in the Bowling competition.

8.2 Entry Timeline

Entry by Number – Deadline: 17 June 2017

Entry by Name – Deadline: 3 August 2017

8.3 Entry Policies

A total of 8 athletes per NOC, 4 men and 4 women, may take part in the Bowling competition.

NOCs that withdraw their athletes or teams after the submission of the final Entries by Name and Team Sport Draw will be faced disciplinary action by the OCA EB.

8.4 Confirmation of entries

Teams will be required to verify their athletes at the Team Manager's meeting on 18th September. Forms

All athletes will be allocated an athlete number by the Technical Delegate prior to competition as follows:

Numbering	TEXT COLOUR	Athlete Gender
101-200	BLUE	Male
301-400	RED	Female

The deadline for submission of pairings for the same gender doubles event is 1 hour after the conclusion of the singles preliminaries. This should be submitted to the Technical Delegate's office.

9. Technical Officials

19 International Technical Officials have been appointed by the ABF.

AF/IF has the right to appoint the Technical Delegate and ITOs in coordination and approval of the OCA. In case of violation of the IF/AF Rules and Games Rules and Regulations by any participants, the OCA has the right to revoke the Accreditation Card and propose change of the person to the concerned party.

10. Pre-Competition Activities

10.1 Technical Meeting

Technical Official's meeting:

Date: 18 September 2017

Time: 14:00-15:30

Venue: Press Conference Centre, ATC.

10.2 Team Delegation Meeting

Team Manager's meeting:

Date: 18 September 2017

Time: 18:00-19:30

Venue: Press Conference Centre, ATC.



10.3 Draw

The Technical Delegate will allocate lanes for the preliminary rounds prior to the team manager’s meeting.

10.4 Ball registration

Athletes must register their balls at the ball registration desk prior to competition. Ball registration hours are:
 09:00 – 12:00; 13:30 – 17:00 19 September
 09:00 – 12:00; 13:30 – 17:00 20 September

10.5 Official Practice

Training for each NOC is during the allocated session blocks only as per the schedule below. This is subject to change by the Technical Delegate and any change in entries.



BOWLING SCHEDULE - OFFICIAL PRACTICE



19 and 20 September 2017

Starting Lane Assignment

19-Sep-17		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1st SQUAD	10:00 - 11:30	NEW CALDONIA / VIETNAM			GUAM / QATAR			HONG KONG			INDONESIA			KOREA			MACAU			INDIA / IRAN									
2nd SQUAD	13:00 - 14:30	KSA / UAE			PHILIPPINES			THAILAND			TURKMENISTAN			CHINESE TAIPEI			UZBEKISTAN			CHINA									
20-Sep-17		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1st SQUAD	10:00 - 11:30	KSA / UAE			PHILIPPINES			THAILAND			TURKMENISTAN			CHINESE TAIPEI			UZBEKISTAN			CHINA									
2nd SQUAD	13:00 - 14:30	NEW CALDONIA / VIETNAM			GUAM / QATAR			HONG KONG			INDONESIA			KOREA			MACAU			INDIA / IRAN									

19 September - odd lanes short and even lanes long
 20 September - odd lanes long and even lanes short
 Please note that each team will move to the next pair of lanes to the right every 12 minutes.

Activate Windows
 Go to Settings to activate Windows.

11. Protests and Appeals

All complaints and objections evaluation will follow the Asian Bowling Federation Rules. Claims and protests made to the referees on the ground concerning matters of fact are decided by the Technical Committee without appeal. Appeals against other decisions of the judge or with regard to any other matter must be addressed in due time to the Chairman of the Jury of Appeal, by a representative of the Member Organization of the NOC making the appeal. Any claim must be made within 30 minutes of the decision giving rise to the claim. The Jury of Appeal after an investigation shall then give a decision and this decision shall be irrevocable, except for the case of disqualification of a team or of an athlete for infraction of the Rules and Regulations of the Games, which shall be decided by the Court of Appeal. All claims and appeals must be made in writing. Protest will be dealt with in accordance to the ABF Rules and Regulations.

Jury members shall be appointed by the ABF. The Jury Committee will consist of one president and two members. In case of any protest or appeal lodged by NOCs, the jury member from the concerned NOC should not participate in the discussion.

Any athlete/NOC can appeal to the CAS, in case he/she feels that there is violation of IF/AF Technical Rules or OCA Constitution which is not related to reversing the decision of the referee or result.



12. Equipment and Clothing

Equipment used and clothing worn by athletes and other relevant participants in competition must comply with the rules and regulations of the OCA and the Asian Bowling Federation in force.

Neither athletes nor technical officials can attach any form of commercial advertising to his or her competition uniform without prior agreement with OCA and AIMAG EC.

12.1 Ball Repairs

Ashgabat does not have a Bowling Pro-Shop either in the competition venue or elsewhere in Turkmenistan. Some ball repair and adjustment equipment will be available for use during the training and competition days in a temporary Ball Workshop installed in the Bowling Centre. However athletes and teams should be prepared for limited resources and support.

The equipment available includes:

- Tri Oval Drilling Machine
- Ball Polishing Machine
- Vise rapid cure ball plug
- Jayhawk Ball Surface Scanner
- Jayhawk Pro Model Spinner 15-3200
- Jayhawk Precision Edge Gauge 15-5274
- Jayhawk Brand Plug Trimmer (#2 Taper 3")
- Spyder
- Turbo Pro Sect
- Bill Taylor's Fitting Ring
- Jonell Span Gauge
- Precision Ball Compass
- Jayhawk Measuring Ball
- High Speed Sander
- Classic Pro Pitch Gauge
- Insta Cure Glue
- Ultimate Donkee Insert Mold Kit
- Brunswick Plug Dams (thumb and finger)
- Jayhawk Detox – oil extraction machine

The lanes and pinsetters are by Brunswick and the Pinsetters are the Brunswick GS-X system.



13. Doping Control

The 5th Asian Indoor and Martial Games will include a full anti-doping program. The anti-doping program will be run in accordance with the WADA International Standard for Testing and Investigation and following the Olympic Council of Asia Anti-Doping Rules. The program will include pre-competition and in-competition urine and blood testing. Athletes who wish to use a Prohibited Substance or a Prohibited Method in connection with the event and do not already have a Therapeutic Use Exemption (TUE) should apply to OCA TUE Committee (OCA TUEC) by 06 August 2017.

Where the Athlete already has a TUE granted by his or her National Anti-Doping Organization or International Federation, he/she should apply to the OCA TUEC for recognition of that TUE.

14. Medal Ceremonies

Gold, silver, and bronze medals will be awarded to the athletes/teams ranked top three in all events. Two bronze medals will be awarded as there will not be a semi final for third position.

Medal ceremonies will occur at the end of each competition day, as per OCA Constitution, art.63: Victory and Medals Ceremony. Fifteen minutes before the victory ceremony starts, the medalists shall be escorted to the waiting area to get ready for the ceremony. Medalists must wear their official NOC uniforms.

15. Media Interview

Athletes and officials may take part in media interviews at various times throughout the Games. For athletes, this may take place in the mixed zone or at media conferences. Additional media interviews may take place, but these are generally arranged through the teams. All athletes must pass through the mixed zone but are not obligated to provide interviews.

16. Sport Information Center (SIC)

The major distribution point for Sports Information is the Sport Information Center (SIC) at the Village Plaza in the Athletes' Village which provides clients with information relating specifically to training and competition for each of the 21 sports. The role of the Sport Information Center is to help the Sport Competition Management team communicate generic Games and Sport specific competition information to Chefs de Missions, Deputy Chef de Missions, and Team officials.



Sport Competition Schedule

Ashgabat 2017
5th Asian Indoor & Martial Arts Games

Sport	Venue	Sept. 16 Sat.	Sept. 17 Sun.	Sept. 18 Mon.	Sept. 19 Tue.	Sept. 20 Wed.	Sept. 21 Thu.	Sept. 22 Fri.	Sept. 23 Sat.	Sept. 24 Sun.	Sept. 25 Mon.	Sept. 26 Tue.	Sept. 27 Wed.
Ceremonies	Ashgabat Olympic Complex		Opening Ceremony										Closing Ceremony
Traditional Wrestling	Main Indoor Arena	11:00 – 13:30		11:00 – 13:30									
		18:00 – 21:30		18:00 – 21:30									
Equestrian Jumping	Equestrian Centre						10:00 – 11:00 13:00 – 18:00						
3x3 Basketball	3x3 Basketball Arena												
Belt Wrestling	Main Indoor Arena												
Billiard Sports	Billiard Sports Arena												
Bowling	Bowling Centre												
Chess	Chess Arena												
Dancesport	Taekwondo Dancesport Arena												
Futsal	Multifunctional Sport Venue												
	Pitch 1	11:00 – 14:45	10:00 – 13:45	11:00 – 14:45	11:00 – 14:45	11:00 – 14:45	11:00 – 14:45	11:00 – 14:45	11:00 – 14:30	11:00 – 14:30	11:00 – 14:30	11:00 – 14:30	11:00 – 14:30
	Pitch 2	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30	16:45 – 20:30
Indoor Athletics	Indoor Athletics Arena												
Indoor Tennis	Indoor Tennis Centre		10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00	10:00 – 13:00
Ju Jitsu	Martial Arts Arena	10:00 – 13:30		16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30	16:30 – 21:30
Kickboxing	Muaythai Kickboxing Arena	18:00 – 20:30		18:00 – 21:30	18:00 – 20:30								
Kurash	Martial Arts Arena												
Muaythai	Muaythai Kickboxing Arena		11:00 – 13:00	11:00 – 14:00	11:00 – 14:00	14:30 – 18:00	14:30 – 20:20						
Sambo	Martial Arts Arena			16:00 – 21:30	16:00 – 19:45								
Short Course Swimming	Aquatics Centre												
Taekwondo	Taekwondo Dancesport Arena												
Track Cycling	Velodrome												
Weightlifting	Weightlifting Arena												
Wrestling	Main Indoor Arena												
e-Sports													

Schedule and session times are subject to change.

Medal session

Opening Ceremony

Closing Ceremony

Demonstration sport only

Appendices/Forms:

Ball registration

Team registration – singles

Team registration – doubles

Team registration – Team, Block 1

Team registration – Team, Block 2





**Bowling
Ball registration form**

Ashgabat 2017
5th Asian Indoor & Martial Arts Games

NOC: _____ Name: _____

Bowler's Code no: _____

Manufacturer	Ball Name	Serial Number	GW	TW	SW	FW	Approved

Bowler's Signature _____

Date: _____





BOWLING: REGISTRATION
SINGLES

Ashgabat 2017
Six Asian Indoor & Martial Arts Games

Vth Asian Indoor and Martial Arts Games – Ashgabat, Turkmenistan

COUNTRY:

DATE:

		Men		Women	
ORDER	NO.	NAME	ORDER	NO.	NAME
1			1		
2			2		
3			3		
4			4		

Signature of Team Manager:

Note: No change after registration





BOWLING: REGISTRATION
DOUBLES

Ashgabat 2017
5th Asian Indoor & Martial Arts Games

Vth Asian Indoor and Martial Arts Games – Ashgabat, Turkmenistan

COUNTRY:

DATE:

		Men		Women	
ORDER	NO.	NAME	ORDER	NO.	NAME
1			1		
2			2		

Signature of Team Manager:

Note: No change after registration





Ashgabat 2017
5th Asian Indoor & Martial Arts Games

**BOWLING: REGISTRATION
 TEAM**

**Vth Asian Indoor and Martial Arts Games – Ashgabat, Turkmenistan
 1st Block**

COUNTRY:

DATE:

		Men		Women	
ORDER	NO	NAME	ORDER	NO	NAME
1			1		
2			2		
3			3		
4			4		

Signature of Team Manager:

Note: No change after registration





BOWLING: REGISTRATION
Team

Vth Asian Indoor and Martial Arts Games – Ashgabat, Turkmenistan
2nd Block



COUNTRY:

DATE:

Men		Women	
ORDER	NO	ORDER	NO
1		1	
2		2	
3		3	
4		4	

Signature of Team Manager:

Note: No change after registration



Map of Ashgabat Olympic Complex



- 1. Ashgabat Olympic Complex**
Ashgabat 2017 Opening and Closing Ceremonies
- 2. Taekwondo DanceSport Arena**
Taekwondo, DanceSport
- 3. Billiard Arena**
Billiard Sports
- 4. Martial Arts Arena**
Ju Jitsu, Kurash, Sambo
- 5. Muay Kickboxing Arena**
Muaythai, Kickboxing
- 6. Weightlifting Arena**
Weightlifting
- 7. Main Indoor Arena**
Wrestling, Belt Wrestling, Traditional Wrestling
- 8. Aquatics Centre**
Short course Swimming

- 9. Tennis Centre**
Tennis
- 10. Velodrome**
Track Cycling
- 11. 3x3 Basketball Arena**
3x3 Basketball
- 12. Indoor Athletics Arena**
Indoor Athletics
- 13. Bowling Centre**
Bowling
- 14. Chess Centre**
Chess
- 15. Multifunctional Sport Venue**
Futsal
- 16. Equestrian Centre**
Equestrian Jumping
- 17. Athlete Village**



