



Kentucky High School Athletic Association – Track & Field Site Inspection
North Hardin High School – Radcliff, Kentucky

Site Inspection Requested by Sarah Bridenbaugh, Assistant Commissioner of KHSAA
 Site Inspected by Gordon D. Bocock - #4848 – KHSAA Track and Field Consultant

Date of Inspection: Wednesday – April 13, 2016

Reason for Inspection: North Hardin High School is in line to Host the 2016 Class AAA Region 2 Track and Field Championships and as required of all hosts an inspection must take place. The following schools are located in this Region . . . Barren County, Bowling Green, Central Hardin, Grayson County, Greenwood, Logan County, North Hardin and Ohio County.

Venue # 1 Running Tracks

Lanes (Number and Size) General overall condition and concerns with the running track	The North Hardin Track and Field Complex is a newly renovated track oval. The running track and bleachers and press box are totally new and make the facility a beautiful complex for all the running events. The track has 8 x 42" rubberized lanes that are properly marked in accordance with National Federation and KHSAA recommendations.
Starting Lines (Staggers)	The track has the proper markings as recommended in the rule book. 1 – Turn Stagger Green 2 – Turn Stagger White 3 – Turn Stagger Blue 4 – Turn Stagger Red Distance races problems arise in the running of races, particularly distance races involving a large number of contestants, can be reduced and sometimes completely eliminated through the use of standardized color markings to denote alleys, starting lines, finish lines and exchange zones. The National Federation and the KHSAA highly recommend the use of the color schematic chart one page 28 in the High School Rule Book. The North Hardin track has been lined with four 2 lane alleys that will allow for safe starting on all the multi lap races starting on the green line and staying in the assigned alley to the break line at the head of the back stretch
Relay Exchange Zone Markings	All the relays are marked properly and the appropriate fly zones are in place with the same color coding. The 4 x 100 Meter Relay – Yellow to Yellow, Yellow to Yellow and Yellow to Yellow The 4 x 200 Meter Relay – Red to Red, Red to Red and Red to Red The 4 X 400 Meter Relay – Blue to Blue Staggers, Blue/Green to Blue/Green for second and third handoff The 4 X 800 Meter Relay – All handoffs are Blue/Green to Blue/Green
Break Lines	White broken line at the head of the back stretch
Hurdles Color Markings Overall condition of hurdles	More than 80 hurdles are at the complex to assure that all 8 lanes will be full in the 110/100 Meter Hurdle races. 100 Meter Hurdles Yellow Marks 110 Meter Hurdles Blue Marks 300 Meter Hurdles Red Marks 400 Meter Hurdles Green Marks It is pointed out that the hurdles marks for the 100/110 Hurdles are go both ways on the straightaway hurdles. A hurdle cart is available for transporting hurdles.
Starting Blocks (Number & Condition)	Starting blocks were observed in the storage area and they appear to be in good condition. Blocks need to be checked often to assure that spikes are not missing and are in good shape.
Starting Line Safety	There are some concerns with crown control as all the main bleachers empty onto a large concrete walkway that extends to from the edge of the running track to the bleachers. It is recommended that flagging be used to separate the running track from the spectator area.
Finish Line Safety	This area should be blocked off so that spectators can't get near the finish to interfere with the fully automatic timing. Those that need to travel to PV or HJ venues need to go around the building located at the finish line.
Surrounding area (This could include bleachers, fencing, trees, limbs, etc.)	The new running track has extended rubberized surface on the inside of lane one and it is highly recommended that cones be placed around the curves to encourage runners to stay in lane one and to help them avoid a disqualification.

Location of Field Events

North Hardin Track and Field Complex
Back Stretch Bleachers

4 ← → 4

3 ↓ ↓ 2

Main Bleachers

← 5 6 →

- Venue #2.** Pole Vault is located outside the oval in the first curve.
- Venue #3.** High Jump is located outside the oval in the first curve
- Venue #4.** Long and Triple Jump is located has two sand pits that are located outside the oval on the backstretch of the track.
- Venue #5.** Shot Put is located outside the oval in the field behind the main bleachers.
- Venue #6.** Discus is located outside the oval in the field behind the main bleachers.

Venue #2 Pole Vault

New PV Landing Pad 19'8" wide 20'2" deep 16'5" back of box	The overall size of the pole vault landing system shall be a minimum of 19-08" wide and 20'02" deep. The front section of the landing system "The Front Buns" shall be a minimum of 16'-5". The North Hardin pole vault landing pad meets all the National Federation and KHSAA Safety requirements and is properly put together with the base pads and front buns having a common cover that pulls all the pads into one safe landing area. The standard pads are in place and properly positioned. A weather cover is present to protect the investment of the school.
Vaulting Box Zero Point Markings	The front edge of the vaulting box shall not extend above the grade of the runway surface. The North Hardin pole vault venue has the box properly positioned and is for the athlete's pole plants. It is recommended that the planting box be of a color contrasting to the color of the runway. The vaulting box needs to be painted a bright white or bright yellow. A painted line from standard to standard shall be painted on the ground under the landing system to clearly indicate where the zero point marking is located. This zero line was present and appears to properly placed with the standards secured at the ZERO point.
Runway 130'0"	The length of the runway is 140' and is 42" wide. The runway is in excellent condition with markings listed on the sides for the athletes to be able to easily pick up their steps.
Standards / Crossbars 13'8" – 14'8" Bar – 14'10"	The normal cross bar shall be 14'10" in length Effective January 1, 2013 the crossbar shall be circular. Square with beveled edges or triangular crossbars shall no longer be legal. Cross bars were observed in the storage building. Standards are in good shape and the base is properly secured to the concrete support pad.
Weigh in Athletes	It is pointed out that the host school is responsible to provide scales for the KHSAA Meet Official to weigh all the vaulters before each competition. It is highly recommended that each coach weigh his or her vaulters weekly to assure that they are legal for the vaulting poles that they are using
Coaching Box	For the Regional Meet a coaching box must be established and an area flagged off. It is recommended that ONLY authorized PCSCB certified coaches with a badge or wrist band to identify them be allowed in the coaching box.
Area surrounding the Pole Vault Venue	Rule 7-5-9 Hard or unyielding surfaces, such as but not limited to concrete, metal, wood or asphalt around the landing pad or between the planting box and the landing system, shall be padded or cushioned with a minimum of 2 inches of dense foam or other suitable material(s). A box collar must be in place. Note: It is recommended that any excess material such as asphalt or concrete that extends out from beneath the side or back of the landing pad be removed.
Pole Vault Venue (General Notes)	The Vault Venue is an excellent vaulting facility. Would suggest that some flagging be considered as the Pole Vault runway would become a cross roads for assorted people moving back and forth during the meet. If portable bleachers are possible to move in it could benefit both High Jump and Pole Vault Spectators.

Venue # 3 High Jump

HJ Landing Pad 16' x 8'	The landing pad shall not be less than 16'00" wide and 8'00" deep. The pad thickness should be at least 24". When the landing system is made up of two or more sections they shall be attached and a common cover be in place to assure a safe landing surface for the athletes. The North Hardin high jump landing pad meets all the National Federation and KHSAA Safety requirements and is properly put together with the base pads having a common cover that pulls all the pads into one safe landing area. The standard pads are in place and properly positioned. A weather cover is present to protect the investment of the school.
HJ Apron	The high jump apron is 100' by 50' and is an excellent rubberized approach to assure that all the athletes have the same opportunity for a safe approach to the bar.
Standards / Crossbar 12' apart bar is 12' to 14'10"	Cross bars were observed in the storage area. The standards were observed in the storage building and appear to be in good working order.
Area surrounding the HJ Venue	Rule 7-4-4 Hard and unyielding surfaces, such as but not limited to concrete, wood or asphalt, that extend out from beneath the sides and back of the high jump landing pad shall be padded with a minimum of 2-inch dense foam or other suitable material. Note: It is recommended that any excess material such as asphalt or concrete that extends out from beneath the side or back of the landing pad be removed. There is hard an un-yielding surface extending from under the landing pad and these must be padded to assure safety of all the athletes involved.
High Jump Venue (General Notes)	As far as the athletes are concerned it is an excellent facility for jumping. Do have some concerns for crowd control. Host school must have a plan in place to assure that apron and runways are not a cross roads for spectators, coaches and athletes going to and from various venues.

Venue # 4 Long and Triple Jump

Landing Pit Take Off Marks LJ - (8' and 12') TJ – (28' and 32')	The North Hardin Track and Field Complex has two sand pits and at the present time they are both pits that are under re-construction. Both pits have had wooden edges that had been secured to the pits edges with re-barb. The wooden edges are in the process of being removed and some re-barb is still sticking up. With all the wood pieces still lying around have the pits unsafe for practice or competition at the time of this inspection. In talking with the one of the coaches plans are in place to have new edges in place before a meet on Tuesday, 19 th . With that in mind we are asking that digital pictures be e-mailed to coachbo@twc.com to show the new pits when finalized. With the current condition of the pits under repair it is difficult to check the actual dimensions of the pits but they appear to be 24' long and 12' wide
Runway	The runway surface on pit #1 is in great shape with the exception of all the grass clippings that can make a runway very slick. Care should be taken when mowing to assure that clippings are not blown onto the runways or track. Pit #1 has a runway of 140' and is 42" wide. The take-off marks on Pit #1 show 5 different markings (7' board, 27' board, 31' paint, 35' paint and 39' paint). The runway surface on pit #2 is in need of repair and not currently safe until a patch spot on the runway is repaired properly (unsafe footing at this time), the remainder of the runway has an excellent rubberized surface. And is 140' in length and 42" wide. The take-off marks are set at five different distances (8' board, 28' paint, 32' paint, 36' paint and 40' paint) When a wooden or synthetic material is used as the takeoff board it should be 8 to 24 inches wide and be the width of the runway. On hard surface runways, a painted foul line of contrasting color to the runway may be used and such marks should be freshly painted before a major competition. Tape should be available for all major competitions if the Referee deems it necessary to add additional temporary take-off marks..
Sand Pit Condition	The landing pit shall be filled with sand or other soft material to a depth that will ensure a safe landing. The surface shall have the same elevation as that of the takeoff board. The sand level should always be level with the edges of the landing pit. The landing pit shall have a minimum width of 9 feet and minimum length of 15 feet. The sand pits in both Pit #1 and Pit #2 were both in disarray. With re-construction going on several foreign objects were in the sand and the pits were packed down due to the work going on. Once the old edges are completely removed and the new edges in place the sand pits will need to be tilled and raked so that the sand is level with all edges of the pit. If this is not the case more sand will need to be added.
Area around the Long and Triple Jump Pit(s)	With both jumping pits on the back side of the track the Games Committee will need to set aside a spectator area so that they are just not wondering the grounds freely and crossing the runways and/or main running track to move back and forth to the various venues.

Long and Triple Jump Venue (General Notes)	A good plan is in place to upgrade these two sand pits and when competed they will be excellent facilities. Digital pictures must be sent to so that the sand pits meet all the safety requirements of the National Federation and the KHSAA. When digital pictures have been received a KHSAA Official will be assigned to visit the venue to assure the safety requirements are in place.
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Venue #5 Shot Put

Circle – Concrete Pad Toe Board	A concrete surface with a 1 millimeter roughness is recommended. A 7' circle, sunken with drainage, raised metal ring properly secured or a 2" painted line. Back half indicators should be permanently marked on the concrete slab. The toe board shall be 4 feet in length along the inside of the surface, 4 inches in height and 4 1/2 inches in width and it shall be firmly fixed into a non-movable position. Sector lines should be placed on top of the toe board. The North Hardin Shot Put venue is situated on a 8' x 8' concrete slab. The back half indicators are in place
Sector	A 34.92 degree sector shall be marked on the ground for both practice and competitions. It appears that the proper sector is being used but with the condition of the sector it is hard to tell for sure.
Cage	A chain length cage is in place for the Shot Put that makes it a very safe area but officials need to stay alert at all times.
Weight in of Implements	It is pointed out that the host school is responsible to provide scales for the KHSAA Meet Official to weigh all the throwing implements before each competition. It is highly recommended that each coach weigh his or her athletes' implements weekly to assure that they are legal and that no alterations have been made to the implements.
Surrounding Area	It is highly recommended that all throwing areas be cordoned off, roped, fenced, or with flags placed well outside the sector lines to minimize the risk of injury for spectators, athletes and/or officials. If at all possible portable bleachers need to be put in place to keep spectators in the flagged off area behind the discus cage and safely away from the shot sector.
Shot Put Venue (General Notes)	The shot put venue did not receive the same upgrade as the venues on the other side of the Main Bleachers. The concrete slab is very old and needs an upgrade. Painting the area outside the metal ring would greatly enhance the look of a venue that has long been neglected. The sector needs to be cleared so that all the grass is removed from the crushed rock sector. With all the obstructions in the sector an unsafe situation is in place for officials working the venue as well as not being able to get a true accurate measurement. Digital pictures of this upgrade need to be sent to the inspector (coachbo@twc.com). The sector is one of the largest in Kentucky with a distance of 75' from toe board to sector back edge.

Venue #6 Discus Throw

Circle – Concrete Pad	A concrete surface with a 1 millimeter roughness is recommended. A 8'21/2" circle, sunken with drainage, raised metal ring properly secured or a 2" painted line. Back half indicators should be permanently marked on the concrete slab. The concrete slab is 9' x 9' and has a metal ring that is the proper circle for the discus throw. Back half indicators are in place. The discus venue did not receive the same upgrade as the venues on the other side of the Main Bleachers. The concrete slab is very old and needs an upgrade. Painting the area outside the metal ring would greatly enhance the look of a venue that has long been neglected.
Sector	A 34.92 degree sector shall be marked on the ground for both practice and competitions. It appears that the proper sector is being used but with the condition of the sector it is hard to tell for sure. At the time of the inspection the grass was pretty high in the sector and it should be cut closer for a major competition to get a more accurate measurement when the long tape is pulled on.
Cage	The discus cage is a chair length cage that meets the current National Federation and KHSAA safety requirements. It is pointed out that the netting cage will be required in the near future but chain length is still approved at this time. The cage is properly placed and the front poles are at the proper distance.
Weight in of Implements	It is pointed out that the host school is responsible to provide scales for the KHSAA Meet Official to weigh all the throwing implements before each competition. It is highly recommended that each coach weigh his or her athletes implements weekly to assure that they are legal and that no alterations have been made to the implements.
Surrounding Area	It is highly recommended that all throwing areas be cordoned off, roped, fenced, or with flags placed well outside the sector lines to minimize the risk of injury for spectators, athletes and/or officials. If at all possible portable bleachers need to be put in place to keep spectators in the flagged off area behind the discus cage and safely away from the shot sector.
Discus Venue (General Notes)	It is not an excellent throwing venue for the discus. The throwing sector is located on the side of a practice football field that has a very large crown. With the lay of the land and how it rises all throwers and not getting a true and accurate measurement. Consideration should be given to rearrangement of the throwing venues to upgrade and assure safety and an accurate measurement of all athletes.

Meet Management

Seating and Spectator Control	The Main Bleacher area is excellent for viewing the track running events. With all the field events located outside the oval spectators will be on the move. Meet Management will need to come up with a game plan to have crown control in place to assure the safety of everyone involved (athletes, coaches, spectators and officials). Bleachers on the back stretch are available. Efforts should be made to have portable bleachers placed at the various field event venues.
Public Address and Press Box	The Public Address is the same used for Football games and is in good working condition. The press box is available and will be used for various activities.
Meet Management in regard to Running Events	The North Hardin Track and Field Staff is an experienced group at putting on competitions and there is no doubt they have plans to assure a safe and fair competition for all the athletes, coaches and schools involved. There toughest task will be putting a game plan together for crown control as this appears to be the only major challenge to Meet Management.
Meet Management in regard to Field Events	High Jump and Pole Vault are excellent condition. Shot and Discus have a few shortcomings that are easy fixes. Long and Triple Jump venues are a major wreck at this time but a plan is already in place to renovate the venues into excellent jumping venues.
Meet Management Equipment	Hy-Tek Meet Management – Schools owns the Hy-tek program and experienced operators are in the area to assure that all the KHSAA requirements will be followed. Fully Automatic Timing – School has the fully automatic equipment and experienced operators to get the job done. Backup timing equipment – Sprint 8 and Seiko Timers are available. Official or volunteer base in place – This area has conducted several Regional competition in the past and they work together well in assisting each other with volunteer crews.

<p>Regional Meet Site</p> <p>In your opinion would you recommend this facility to be considered as a Regional Track and Field Meet Site?</p>	<p>The track is suitable for another year of competition; however a recommendation can not be made at this time in regard to the 2016 Regional Meet one of which North Hardin is scheduled to host at North Hardin High School. A KHSAA Official will need to return to the venue when the Host North Hardin sends the digital pictures to show some of the safety concerns have been addressed. Prompt attention to the concerns with the field events needs to be addressed as quickly as possible and pictures sent to the inspector at coachbo@twc.com .</p>
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Respectively submitted,

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KHSAA Track and Field Consultant