IMPLEMENT INSPECTOR

NNTOA v.11Feb2021

The implement inspector, under supervision of the referee, field referee or head field judge, shall weigh and measure, and then certify, all implements to be used in warmups and competition. Illegal implements shall be impounded until competition in the event is concluded.

Inform the head field judge of the throwing events what mark you are using to certify implements for the day.

Keep the legal implements together and deliver them to the head field judge (to maintain a chain of custody) or have the competitors sign that they have taken the implements to the venue.

Impound illegal implements (ones that do not meet the weight, size or shape specifications or that have indentations or roughness that could provide unfair grips or injure the athlete).

Items needed: scale, tape measure & other measuring devices (e.g., for diameters of shot & discus), marking pens, implement check-in sheets.

Rule 6.6.1 The discus shall be constructed so its body is of wood or other suitable material attached to a circumscribing smooth metal or plastic rim. Metal plates shall be set flush with the sides of the wood, plastic or composition material body and in the exact center as a means of acquiring the correct weight. These metal plates shall be circular with a diameter of 2 inches (5 centimeters). Each side of the discus shall be a counterpart of the other side and there shall be no indentations, projecting points or sharp edges. Each side shall taper in a straight line from the beginning of the curve of the rim to the edge of the centrally placed metal plate. A discus constructed entirely of rubber, plastic or metal alloys is legal if it conforms with the specifications for weight, size and shape. The rim of the discus shall not be sandblasted and shall remain smooth. NOTE: A rubber discus is not allowed in Nevada high schools.

Rule 6.7.1 The shot shall be constructed so its body is a solid sphere made of any metal or suitable material not softer than brass, or a shell of such metal filled with lead or other material. The shot shall not have indentations other than a weight marking which must be manufactured in such a manner that no advantage is gained by the grip. For indoor meets only, a shot consisting of a shell of rubber or plastic with a center filled with lead pellets may be used.

Specifications of shot:	**Weight**	**Diameter**	**Circumference**
Boys high-school shot	5.443 kg (**12 lb**)	98.4-117.5 mm (3.875-4.625 in)	30.91-36.91 cm ($12^{1}/_{8}$-$14^{1}/_{2}$ in)
Boys JV/Frosh-Soph	4.536 kg (**10 lb**)	**CHECK THE WEIGHT IMPRINTED ON THE IMPLEMENT.**	
Girls high-school shot	**4.0 kg** (8.818 lb)	95-110 mm (3.740-4.331 in)	29.84-34.56 cm ($11^{3}/_{4}$-$13^{3}/_{8}$ in)
USATF Youth 13-14 year-old boys	4.0 kg (8.818 lb)		
USATF Youth 9-12 year-old boys	2.721 kg (6 lb)		
USATF Youth 9-14 years old girls	2.721 kg (6 lb))		

These may apply for middle school competitions.

Specifications of discus	**Boys (high school)**	**Girls (high school)**
Weight	**1.6 kg** (3.527 lb)	**1.0 kg** (2.205 lb)
Diameter (overall)	209-211 mm (8.228-8.307 in)	180-182 mm (7.087-7.165 in)
Diameter of core	50-57 mm (1.968-2.244 in)	50-57 mm (1.968-2.244 in)
Thickness of center	40-42 mm (1.575-1.654 in)	37-39 mm (1.457-1.535 in)
Rim thickness ($^{1}/_{4}$ inch from edge)	12-13 mm (0.472-0.512 in)	12-13 mm (0.472-0.512 in)
Radius of edge	6 mm (0.236 in)	6 mm (0.236 in)

Specifications of discus	**Boys (USATF 11-14)**	**Girls (11-14)**
Weight	1.0 kg (2.205 lb)	1.0 kg (2.205 lb)

These may apply for middle school competitions.

Rule 3.19.1 The referee, field referee, or head field judge shall have jurisdiction over all implement and apparatus inspectors.

Rule 3.19.2 The implement inspector(s) shall weigh, measure, and inspect all implements used in the throwing events, allowing only legal implements in warmups and competition.

Rule 3.19.3 All implements passing inspection shall be marked in such a manner that the event judges can easily distinguish between a legal and illegal implement or apparatus.

Please refer to USATF Best Practices for PDF versions of the Implement Inspector's Manual at https://www.pausatf.org/wp-content/uploads/2014/08/off7a1.pdf & appendix https://www.usatf.org/programs/officials/resources-best-practices/field .

Javelin – not competed in Nevada high schools

Dimensions of javelin	Boys	Girls
Weight	800 g (1.764 lb)	600 g (1.323 lb)
Length (overall)	260-270 cm ($8'6^{3}/_{8}$"- $8'10^{5}/_{16}$" in)	220-230 cm ($7'2^{5}/_{8}$"- $7'6^{9}/_{16}$" in)
Length of metal head	25-33 cm (9.842-12.992 in)	25-33 cm (9.842-12.992 in)
Distance from tip of metal head to center of gravity	90-106 cm ($2'11^{7}/_{16}$"- $3'5^{3}/_{4}$" in)	80-92 cm ($2'7^{1}/_{2}$"- $3'^{1}/_{4}$" in)
Diameter of shaft at thickest point, front of grip	25-30 mm (0.984-1.181 in)	20-24 mm (0.787-0.984 in)
Diameter of tail midpoint (minimum)	No less than 90% of diameter of front of grip	No less than 90% of diameter of front of grip
Diameter of front midpoint (maximum)	No greater than 90% of diameter of front of grip	No greater than 90% of diameter of front of grip
Width of core grip	15-16 cm (5.906-6.299 in)	14-15 cm (5.512-5.906 in)

IMPLEMENT CHECK-IN SHEET

Date _____ Meet _____ Event (shot or discus) (boys or girls) Today's mark

Competitor's Name	School	Description (Manufacturer, color, weight)	If impounded, reason	Claim signature
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