



**CITY OF
INVER GROVE HEIGHTS
Playground Safety**

8150 Barbara Avenue, Inver Grove Heights, MN 55077

651-450-2480

lghmn.gov

American with Disabilities Act (ADA)

- Inver Grove Heights covered by Title II of ADA
- Obligations and compliance vary depending on installation date of equipment
- Playgrounds are found in the ADA 2010 Standards for Accessible Design
- Final guidelines issued by the US Access Board on October 18, 2000
- Department of Justice adopted as a standard on March 15, 2012

ADA 2010 Standards for Accessible Design

- ADA references to ASTM
 - ASTM F 1292-99 and ASTM 1292-04 for Impact Attenuation (1008.2.6.2)
 - ASTM F 1951-99 for Accessibility of Surface Material (1008.2.6.1)
 - ASTM F 1487-01 Safety Performance for Playgrounds (106.5 defined terms)

American Society for Testing Materials (ASTM)

- An international standards organization
- Develops and publishes voluntary standards for a range of products, materials, and services
- Standards are developed by a consensus of thousands of technical committees run by volunteers
- There are more than 12,000 ASTM standards

ASTM F1292

- Standard specification for impact attenuation of surfacing materials within the use zone of playground equipment
- Requires laboratory testing
- Head Injury Criterion (HIC) – empirical measure of impact severity (score under 1000)
- Gmax – measure of the maximum acceleration (shock) produced by an impact (score under 200g)
- Engineered wood fiber installed in city playgrounds meet ASTM F1292

ASTM F1951

- Specification for determination of accessibility of surface systems under and around playground equipment
- Requires laboratory testing
- Engineered wood fiber installed in city playgrounds meet ASTM F1951

ASTM F2075

- Standard specification for engineered wood fiber for use as a playground safety surface under and around playground equipment
- Engineered wood fiber installed in city playgrounds meet ASTM F2075

ASTM F1487

- Standard consumer safety performance specification for playground equipment for public use
- City playground equipment installed in 2012 and later meet ASTM F1487

ASTM F3313

- Standard test method for determining impact attenuation of playground surfaces within the use zone of playground equipment as testing in the field
- We have not performed tests to meet this standard

ADA 1008.2.6 (Advisory)

- Ground surfaces must be inspected and maintained regularly to ensure continued compliance with ASTM F1951. The type of surface material selected and play area use levels will determine the frequency of inspection and maintenance activities
- City documents inspections performed (April – October)

Accessibility and Safety

- City playgrounds meet required ADA accessibility standards
- **City playgrounds are safe and accessible when they are used as they have been intended with proper adult supervision**
- City takes reasonable steps to provide a safe and accessible park and recreation system
- City takes timely and appropriate actions when a safety issue is identified
- City evaluates safety to guard against potential hazards that pose the risk of imminent danger of permanently debilitating and/or life-threatening injury

QUESTIONS?

Adam Lares – Parks & Recreation Director

alares@ighmn.gov

651.450.2587

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