



sports labs usa

Sport Surfaces Testing & Consulting

January 23, 2014

Whom It May Concern,

Our company, Sports Labs USA, provides certified testing services, including ASTM F-355, commonly referred to as G-Max. The G-Max test results predict the shock attenuating capacity of an athletic field and other related tests measure the response and performance characteristics of the surface system. The 'G-Max test' has become a priority focus with respect to sport fields because of the increased awareness of concussive injuries and recent publicity surrounding their frequency of occurrence. The shock attenuating capacity of a field directly relates to injuries that occur as a result of bodily impact on the surface; which is why all new synthetic fields should be tested and certified as to G-Max, *in-situ*, post-installation - before safe use can be allowed.

G-Max testing is, likewise, used extensively on natural grass fields to insure the safety of the participants. We are currently contracted with the National Football League (NFL) for testing and certification of all 31 NFL Stadium fields, including both synthetic and natural grass fields.

In regard to natural grass fields: it is our opinion that the inherent safety and ability to prevent injury associated with these fields is directly related to the blade-density of the grass and the ability to properly maintain that density. It is also our opinion that it is not possible to maintain the density and growth, required for safe play, nor adequately defend the natural growth process against the impact of frequent athletic events, without employing significant chemical treatments and/or enhancements.

Please feel free to contact this office if you any further questions or concerns.

Yours truly,

Joseph W. DiGeronimo, STC
Principal