


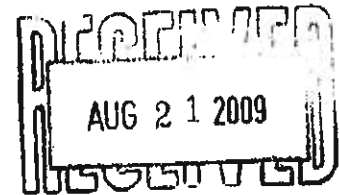
LINDENHURST PUBLIC SCHOOLS
OFFICE OF FACILITIES OPERATIONS

TO: RICHARD ROCHE
FROM: JOHN DRENCKHAHN 
DATE: AUGUST 31, 2009
RE: IMPACT TEST REPORT

Enclosed is a copy of the Impact Test Report for the Lindenhurst Middle School varsity football field. All areas tested meet ASTM F 1936 specifications.

/impact
Enc.

Cc: R. Nathan
J. Scio
R. Cozzetto
Grounds
E.C.G. ✓



SPORTS SURFACE IMPACT TEST REPORT

Lindenhurst M.S.

Test date: August 5 , 2009

Report date: August 5 , 2009

Field Description and Condition :

Surface Type: Infilled Synthetic Turf
Football
good

Weather Conditions:

Temperature : 99 °F
sunny/hot

Humidity : 0%

Test Method:

ASTM F 1936: Standard Specification for Shock-Absorbing Properties of North American Football Field Playing Systems as Measured in the Field.

Summary of Results:

	Vo fps	h ft	gmax	tmax ms	Air °F	Surf °F
Point 1 -- Goal Line, End A, Center Field Surface Depth : 65.0 mm Total 40.0 mm Infill			135.7	5.8	99	109
Point 2 -- 10 Yard Line, End A, and 1/4 the distance from side line C to center field Surface Depth : 65.0 mm Total 35.0 mm Infill			128.6	6.1	99	108
Point 3 -- 25 Yard Line, End A, and 1/2 the distance from side line C to center field Surface Depth : 65.0 mm Total 37.0 mm Infill			126.6	6.5	99	108
Point 4 -- Center field Surface Depth : 65.0 mm Total 32.0 mm Infill			142.8	5.7	99	108
Point 5 -- 25 Yard Line, End B, and 1/4 the distance from side line D to center field Surface Depth : 65.0 mm Total 35.0 mm Infill			131.5	5.4	99	106
Point 6 -- 12 Yard Line, End B, and Center of Field Surface Depth : 65.0 mm Total 37.0 mm Infill			126.1	4.8	99	106

Conclusion:

Under the test conditions reported above, all test points met the requirement of < 200 average G max when tested in accordance with specification F1936.

Test results reported herein reflect the conditions of the tested field at the time of testing and at the temperature(s) reported.

Operator Signature

File: Lindenhurst M.S. 08-05-09.355

SPORTS SURFACE IMPACT TEST REPORT**Lindenhurst M.S.**

Test date: August 5 , 2009

Report date: August 5 , 2009

Test Point	Drop #	Vo fps	h ft	gmax	tmax ms	Air °F	Surf °F
1	1			121.1	5.9	99	109
	2			134.0	5.8	99	109
	3			137.3	5.8	99	109
	Av23			135.7	5.8	99	109
2	1			115.0	6.3	99	108
	2			127.7	6.6	99	108
	3			129.6	5.6	99	108
	Av23			128.6	6.1	99	108
3	1			125.2	6.1	99	108
	2			125.4	6.5	99	108
	3			127.7	6.6	99	108
	Av23			126.6	6.5	99	108
4	1			130.8	6.5	99	108
	2			142.7	5.7	99	108
	3			143.0	5.7	99	108
	Av23			142.8	5.7	99	108
5	1			117.4	5.8	99	106
	2			131.0	5.8	99	106
	3			132.0	5.0	99	106
	Av23			131.5	5.4	99	106
6	1			114.0	6.3	99	106
	2			124.8	4.8	99	106
	3			127.3	4.9	99	106
	Av23			126.1	4.8	99	106

SPORTS SURFACE IMPACT TEST REPORT

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