

FOOTBALL TURF FIELD TEST REPORT

| | |
|------------------------|--|
| Field Reference | Húsavíkurvöllur |
| Field Address: | Baldursbrekka 640 Húsavík Island |
| Report Number: | 40408 / 2332s |
| Report Status: | FINAL |
| Issue Date: | 28/04/2021 |
| Client: | Leiktæki & Sport ehf Austurmörk 19 810 Hveragerði Island - |

Football Turf Field Test Report



Laboratory Details

| | |
|---------|--|
| Name | Sports Labs Ltd |
| Address | 1 Adam Square, Brucefield Industry Park, Livingston, Scotland |
| Phone | +44 1506 444 755 |
| Email | info@sportslabs.co.uk |

| | |
|-------------------------------|-----------------------|
| Laboratory Director | Richard Nixon |
| Field Testing Manager | Keith Macpherson |
| Engineer On Site | Jeremy Hardouin-Atlan |
| Additional Engineers (if any) | - |

| | |
|-----------------------|--|
| Prepared By | |
| Field Testing Manager |  |
| Date | 28/04/2021 |
| Checked By | |
| Laboratory Director |  |
| Date | 28/04/2021 |

Football Turf Field Test Report



TESTING TECHNOLOGY FOR SPORT

Test Programme

| | | |
|-----------------------------|-----------------------|--|
| Ball/Surface Interaction | Vertical Ball Rebound | BS EN 12235 / FQP TM 01 |
| | Ball Roll | BS EN 12234 / FQP TM 03 |
| Player/Surface Interaction | Shock Absorption | FQP TM 04a |
| | Vertical Deformation | FQP TM 05a |
| | Rotational Resistance | BS EN 15301-1 / FQP TM 06 |
| Construction Requirements | Surface Regularity | FQP TM 12 |
| | Dimensions | Laser distance meter |
| Infill and Free Pile Height | Free Pile Height | FQP TM 18 |
| | Infill Depth | FQP TM 21 |
| Visual Inspection | Aesthetics | Visual inspection of the surface and surrounding ancillaries |

*All test carried out are within the scope of ISO 17025 accreditation with the exception of Dimensions and Visual inspections

Test Summary

| | | |
|--------------------|-----------|-------------|
| Summary of Testing | Pass/Fail | PASS |
| Date of Testing | | 25/04/2021 |

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Test Conditions

| | | |
|---------------------------------|------------------|-----------|
| Substrate Type | Dynamic base | |
| Surface Type | 3G | |
| Surface Name | MX Trimension 50 | |
| Surface Condition | Moist | |
| Infill Type | Sand & SBR | |
| Shockpad | EL 25mm | |
| | AM | PM |
| Ambient Temperature (°C) | 13.4 | 11.2 |
| | AM | PM |
| Surface Temperature (°C) | 18.5 | 17.1 |
| | AM | PM |
| Humidity (% RH) | 71.3 | 74.3 |
| | AM | PM |
| Max Wind Speed (m/s) | 0.4 | 0.6 |

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Test Results

| | | Positions | | | | | | |
|----------------------------|----------------------|-----------|----|----|----|----|----|----|
| | | A | B | C | D | E | F | G |
| Player/Surface Interaction | Shock Absorption (%) | 60 | 62 | 62 | 61 | 64 | 62 | 63 |
| | | H | I | J | K | L | M | N |
| | | 63 | 62 | 61 | 62 | 63 | 63 | 64 |
| | | O | P | Q | R | S | | |
| | | 63 | 63 | 63 | 63 | 63 | | |
| | Consistency (%) | A | B | C | D | E | F | G |
| | | 4 | 2 | 1 | 2 | -2 | 1 | -1 |
| | | H | I | J | K | L | M | N |
| | | -1 | 0 | 3 | 1 | -1 | 0 | -2 |
| | | O | P | Q | R | S | | |
| -1 | 0 | -1 | -1 | -1 | | | | |

Values in RED denote failure of client's specified limits

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Test Results

TESTING TECHNOLOGY FOR SPORT

| | | Positions | | | | | | |
|----------------------------|---------------------------|-----------|-----|-----|-----|-----|-----|-----|
| | | A | B | C | D | E | F | G |
| Player/Surface Interaction | Vertical Deformation (mm) | 7.5 | 8.5 | 8.0 | 8.0 | 9.0 | 8.5 | 8.5 |
| | | H | I | J | K | L | M | N |
| | | 8.5 | 8.5 | 8.5 | 8.0 | 8.0 | 8.0 | 8.5 |
| | | O | P | Q | R | S | | |
| | | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | | |
| | Consistency (%) | A | B | C | D | E | F | G |
| | | 13 | -3 | 0 | 1 | -10 | -4 | -4 |
| | | H | I | J | K | L | M | N |
| | | -4 | -3 | -2 | 3 | 1 | 2 | -1 |
| | | O | P | Q | R | S | | |
| 5 | 0 | 1 | 6 | 3 | | | | |

Values in RED denote failure of client's specified limits

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Test Results

| | | Positions | | | | | |
|------------------------------------|----------------------------|-----------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| Player/Surface Interaction (Con't) | Rotational Resistance (Nm) | 31 | 31 | 30 | 33 | 33 | 32 |
| | Consistency (%) | 1 | 3 | 5 | -4 | -3 | -1 |
| Ball/Surface Interaction | Vertical Ball Rebound (m) | 0.89 | 0.88 | 0.88 | 0.84 | 0.79 | 0.77 |
| | Consistency (%) | -5 | -5 | -5 | 1 | 6 | 9 |
| | Ball Roll (m) | 11.2 | 10.6 | 11.0 | 10.3 | 10.7 | 10.2 |
| | Consistency (%) | -4 | 1 | -3 | 3 | 0 | 5 |

Values in RED denote failure of client's specified limits

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TESTING TECHNOLOGY FOR SPORT

Test Results

| | | | | |
|------------------------------------|---|---|--------------------------------|--|
| | | Field Average | | |
| Infill and Free Pile Height | Free Pile Height (mm) | 12 | | |
| | Infill Depth (mm) | 35 | | |
| | | Deviations $\geq \pm 10\text{mm}$ | | |
| Construction Requirements | Surface Regularity (See diagram Page 6) | 0 | | |
| | | | Visual Defects Recorded | |
| | Visual Defects (See Page 12) | 0 | | |
| | Dimensions (m) | Parameter | Distance (m) | |
| | | Length | 105.0 | |
| Width | | 68.0 | | |
| Run-off side | | 4.0 | | |
| | Run-off behind | 4.0 | | |

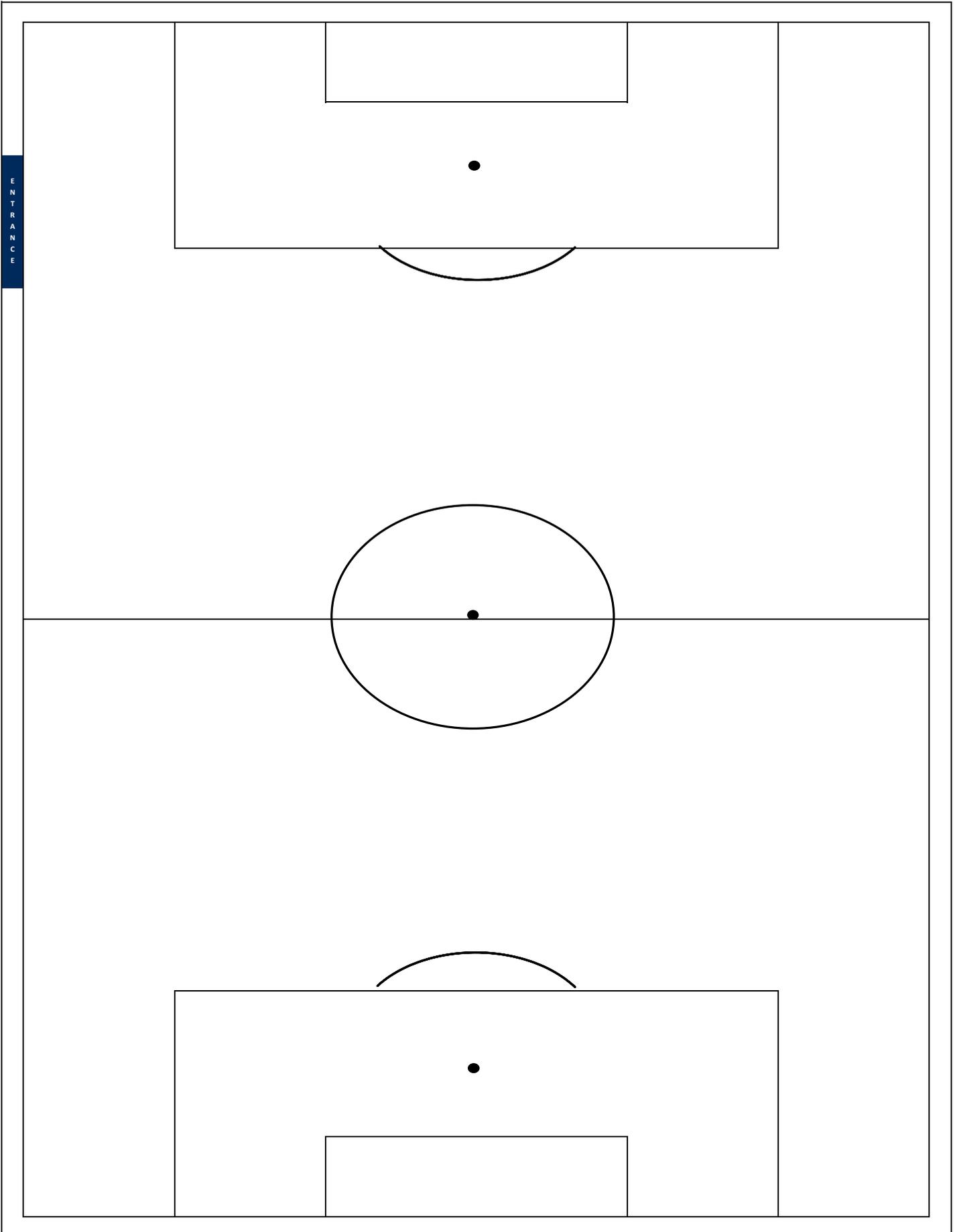
Values in RED denote failure of client's specified limits

Football Turf Field Test Report



Plan Showing Surface Irregularities > ± 10mm

■ Irregularities ≥16mm ■ Irregularities ≥13 - ≤15mm ■ Irregularities ≥11 - ≤12mm ■ Defect - SEE SITE PICTURES



Football Turf Field Test Report



TESTING TECHNOLOGY FOR SPORT

Visual Inspection

| | | Property | Condition |
|-------------------|------------|---------------------------|---|
| Visual Inspection | Aesthetics | Yarn/Pile | Yarn fibrillation across entire surface area |
| | | Seams | Good condition, not visible or split open |
| | | Line Markings | Straight, same yarn |
| | | Infill | Not well distributed, excess rubber sitting on turf |
| | | Goals, Equipment, Fencing | Present, OK |
| | | Housekeeping (Litter etc) | Free from litter |

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Snagging Inspection

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| | | Property | General Comments |
|---------------------|------------|--|--|
| Snagging Inspection | Aesthetics | Corner Flags | All 4 present and correctly positioned |
| | | Perimeter Fencing | No fencing on site |
| | | Access & Gates | No access gates on site |
| | | Perimeter Edging Details | Some kerbs broken and not level |
| | | Maintenance Equipment and Log | On site, log to be emailed over |
| | | On site Testing Equipment (i.e. Ball Roll, Prism, depth guage) | Kit arrived and on site |

Football Turf Field Test Report



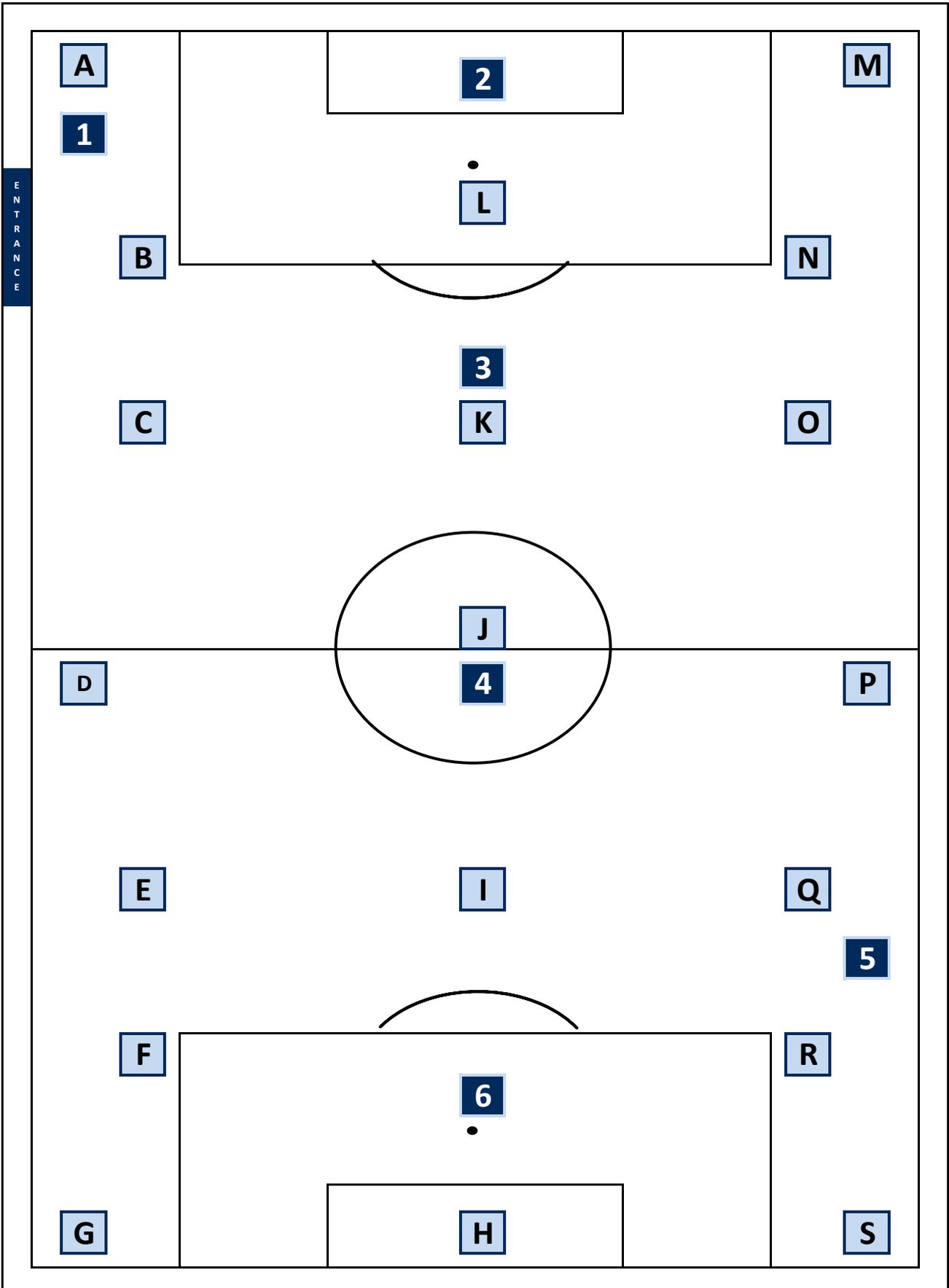
Line Markings

| | Pitch Size | Line Colour | Number of Pitches |
|---------------|---------------|-------------|-------------------|
| Line Markings | 11 - A - Side | White | 1 |
| | 9 - A - Side | Not Present | Not Present |
| | 7 - A - Side | Not Present | Not Present |
| | 5 - A - Side | Not Present | Not Present |
| | Rugby | Not Present | Not Present |
| | Hockey | Not Present | Not Present |
| | Other | Not Present | Not Present |

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Plan Showing Test Locations



Football Turf Field Test Report



TESTING TECHNOLOGY FOR SPORT

Site Photographs - Overview

| | |
|---|--|
| | |
| <p style="text-align: center;">Site Overview</p> | <p style="text-align: center;">Site Overview</p> |
| | |
| <p style="text-align: center;">Test Equipment Used On site</p> | <p style="text-align: center;">Maintenance Equipment</p> |
| <p style="text-align: center;"> In order to certify the field with FIFA it is a <u>mandatory</u> requirement to have a ball roll on site at all times. If you don't have a ball roll, Sports Labs can provide one. Please contact us for further details. If you already have equipment please send a picture to us for inclusion in the report </p> | <p style="text-align: center;"> In order to certify the field with FIFA it is a <u>mandatory</u> requirement to have a maintenance log on site. If you already have such a log please send a picture to us of the most recent page for inclusion in the report </p> |
| <p style="text-align: center;">Ball Roll</p> | <p style="text-align: center;">Maintenance Log</p> |

Football Turf Field Test Report



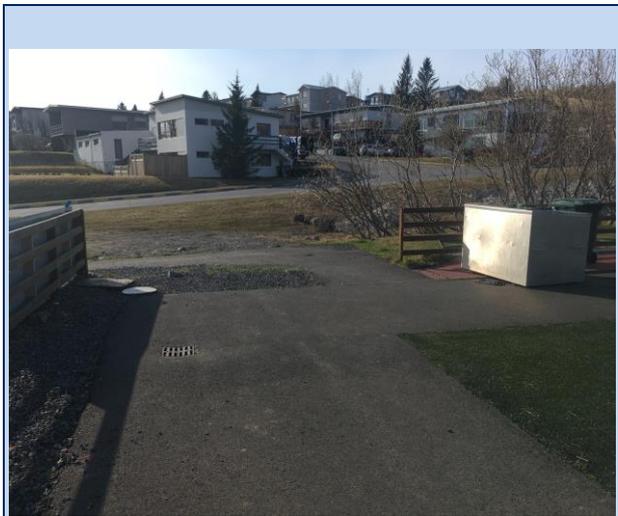
Site Photographs - Overview



Goals



Corner Flags



Access and Gates

NOT RECORDED

Perimeter Fencing

NOT RECORDED

Prism and Depth Gauge

NOT RECORDED

Perimeter Fencing (2)

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Site Photographs - Example Defects (If Any)

| | |
|---|-------------------------------------|
| | |
| <p>Fibrillating yarn (1)</p> | <p>Fibrillating yarn (2)</p> |
| | <p>NONE FOUND</p> |
| <p>Excess rubber on turf - must be brushed</p> | |

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TESTING TECHNOLOGY FOR SPORT

Site Photographs - Example Defects (If Any)

| | |
|--------------------------|--------------------------|
| <p>NONE FOUND</p> | <p>NONE FOUND</p> |
| | |
| <p>NONE FOUND</p> | <p>NONE FOUND</p> |
| | |

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Discussion And Conclusions

The results obtained from testing showed that the surface was found to comply with the contract specification.

This surface will require a proper maintenance regime. Maintenance of the surface combined with management of the users is vitally important to the surface longevity and continued performance. A robust maintenance schedule should be put in place in accordance with the surface manufacturers recommendations and taking into account the hours of use on the surface.

In order to continue to meet the specification the surface requires to be tested every 3 years from the date of issue of this report. As a minimum the surface should be tested in accordance with BS EN 15330-2:2008 - Surfaces for sports areas every 3 years dependant on hours of use.

END OF REPORT