***V 2021/08-01***

***Sub-Committee Jumping Hills***

**lnspection Report**

**In final report delete all remarks (blue) and replace “**xxx**” by text**

**Name report / file in the following way when saving to the computer:**

**Example: *190702\_Tschagguns\_HS108\_inspection-report.pdf***

* **date of inspection day-month-year: ddmmyy**
* **underline**
* **name of hill**
* **underline**
* **HS**
* **underline**
* **inspection-report**
* **safe as \*.pdf**

**Certificate number**  xxx

Date of Inspection xxx

Country xxx Place xxx

Owner of hill /address xxx

Billing address xxx

Name of Inspector xxx

Persons present during inspection xxx

Name of hill xxx

Size of hill (HS) xxx

h : n relationship xxx

Cardinal direction (inrun to outrun) xxx

Inrun with r1 as clothoide or as circle xxx

Most frequent wind direction (from - to) xxx

Transportation to start existing xxx

Warming area / WC existing xxx

Guard rail in e, r1 and t existing xxx

Guard rail in landing and r2 existing xxx

Actual state of hill xxx

Year of last change of the hill / what has been changed xxx

Remarks Xxx xxx xxx xxx

**After all requirements and conditions (written RED), mentioned underneath, will be fulfilled, a new certificate for next 5 years can be issued.**

**Last inspection:** date xxxxx inspector xxxxx

Following requirements then have been demanded to be fulfilled:

Xxxxxxxx fulfilled today yes / no

Xxxxxxxx fulfilled today yes / no

Xxxxxxxx fulfilled today yes / no

insert photo

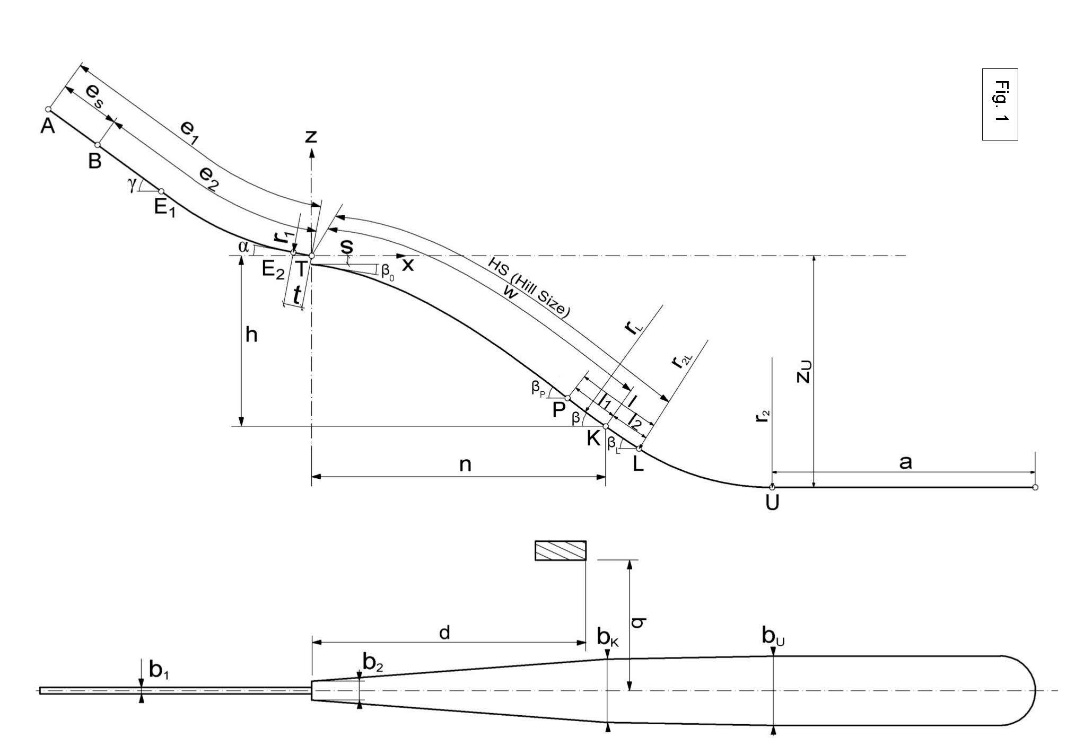
**A** general view

**Protocol of measurement**

Remarks: delete following pictures and headings if not applicable

Remarks: delete following parameters if not applicable or – if not existing in the form – add new ones

ICR 2012 - 2020



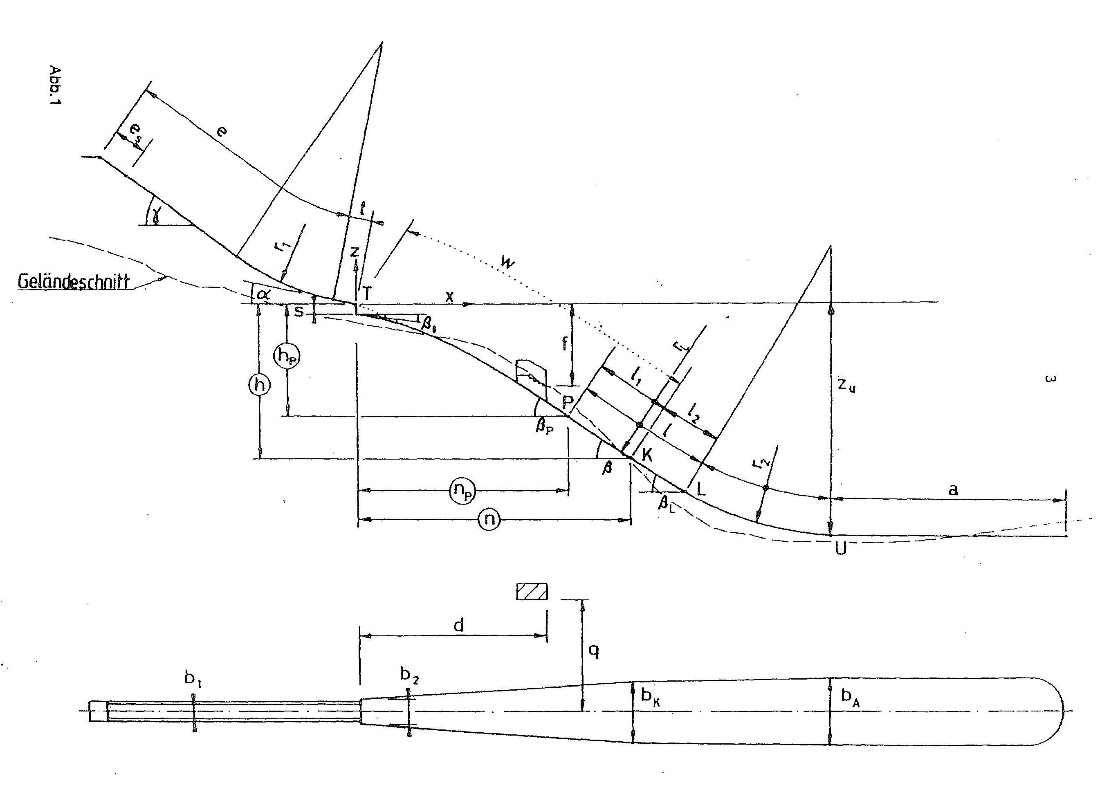
|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HS = | **…..** | m | V0 = | **…..** | m/s | Normaldruck max. = | **…..** | m/s² |
| h : n = | **…..** | m | l = | **…..** | m |  |  |  |
| e1 = | **…..** | m | l 1 = | **…..** | m | P = | **…..** | m |
| e2 = | **…..** | m | l 2 = | **…..** | m | K = | **…..** | m |
| es = | **…..** | m | a = | **…..** | m | L = | **…..** | m |
| t = | **…..** | ° |  0 = | **…..** | ° | b 1 = | **…..** | m |
|  | **…..** | ° |  p = | **…..** | ° | b 2 = | **…..** | m |
|  = | **…..** | m |  = | **…..** |  | b K = | **…..** | m |
| r 1 = | **…..** | m |  L = | **…..** | ° | b U = | **…..** | m |
| h = | **…..** | m | r L = | **…..** | m | d = | **…..** | m |
| n = | **…..** | m | r 2L = | **…..** | m | q = | **…..** | m |
| s = | **…..** | m | r 2 = | **…..** | m | Zu = | **…..** | m |

ICR 2008 ff



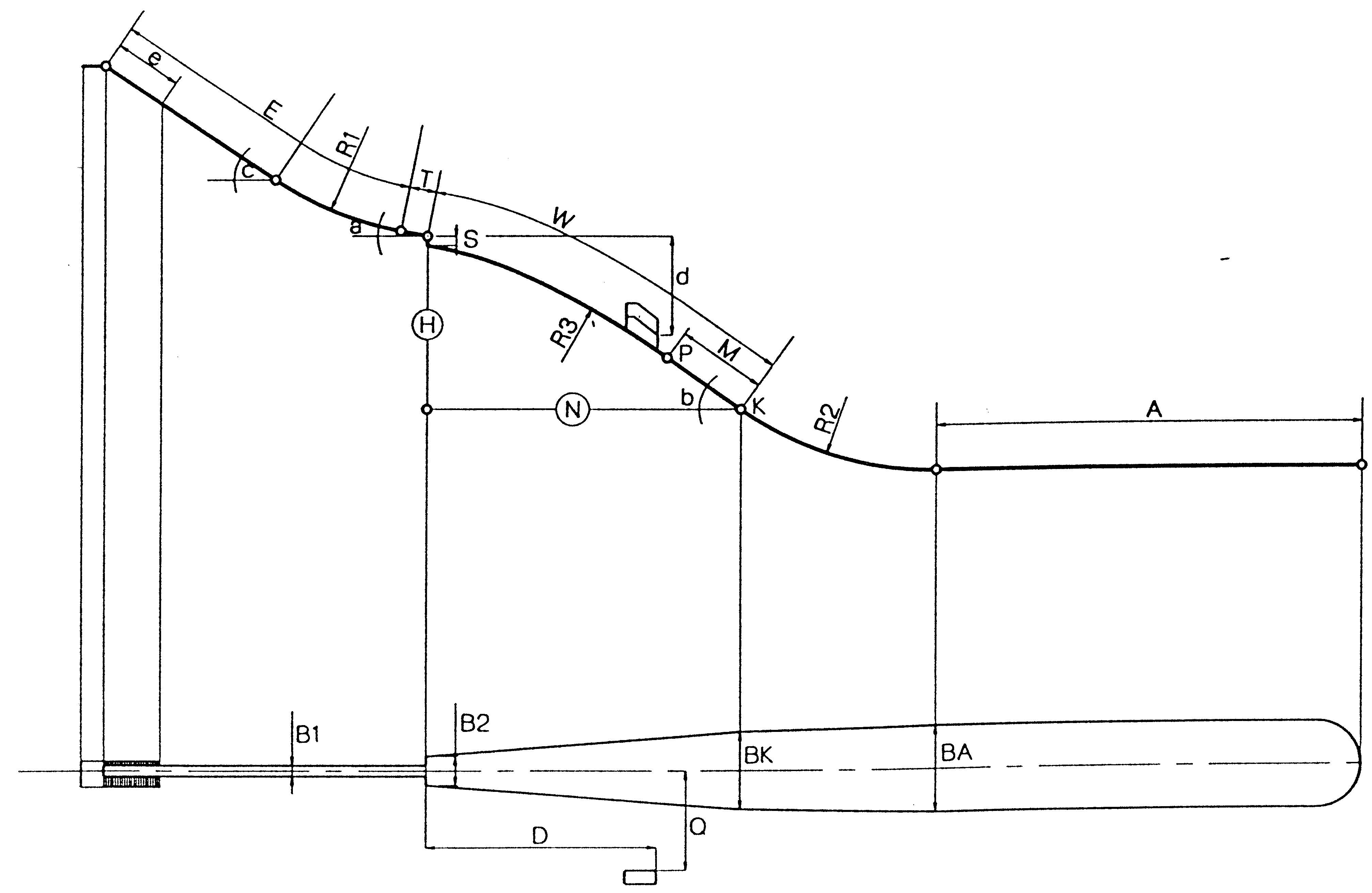
|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HS = | **…..** | m | V0 = | **…..** | m/s | Normaldruck max. = | **…..** | m/s² |
| e = | **…..** | m | l 1 = | **…..** | m | P = | **…..** | m |
| es = | **…..** | m | l 2 = | **…..** | m | K = | **…..** | m |
| t = | **…..** | m | a = | **…..** | m | L = | **…..** | m |
|  | **…..** | ° |  0 = | **…..** | ° | b 1 = | **…..** | m |
|  = | **…..** | ° |  p = | **…..** | ° | b 2 = | **…..** | m |
| r 1 = | **…..** | m |  = | **…..** | ° | b K = | **…..** | m |
| h = | **…..** | m |  L = | **…..** | ° | b U = | **…..** | m |
| n = | **…..** | m | r L = | **…..** | m | d = | **…..** | m |
| s = | **…..** | m | r 2L = | **…..** | m | q = | **…..** | m |
|  |  |  | r 2 = | **…..** m |  | Zu = | **…..** | m |

ICR 1996 ff



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HS = | **…..** | m | V0 = | **…..** | m/s | Normaldruck max. = | **…..** | m/s² |
| h : n = | **…..** |  | l 1 = | **…..** | m | P = | **…..** | m |
| e = | **…..** | m | l 2 = | **…..** | m | K = | **…..** | m |
| es = | **…..** | m | a = | **…..** | m | L = | **…..** | m |
| t = | **…..** | m |  0 = | **…..** | ° | b 1 = | **…..** | m |
|  | **…..** | ° |  p = | **…..** | ° | b K = | **…..** | m |
|  = | **…..** | ° |  = | **…..** | ° | b A = | **…..** | m |
| r 1 = | **…..** | m |  L = | **…..** | ° | d = | **…..** | m |
| h = | **…..** | m | r L = | **…..** | m | q = | **…..** | m |
| n = | **…..** | m | r 2 = | **…..** | m | f = | **…..** | m |
| s = | **…..** | m |  |  |  | Zu = | **…..** | m |

IWO/ICR before 1996



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| e = | **…..** | m | V0 = | **…..** | m/s | W = | **…..** | m |
| E = | **…..** | m | A = | **…..** | m | P = | **…..** | m |
| T = | **…..** | m | b0 = | **…..** | ° | K = | **…..** | m |
| c | **…..** | ° | b = | **…..** | ° | B1 = | **…..** | m |
| a = | **…..** | ° | R1 = | **…..** | ° | B2 = | **…..** | m |
| H = | **…..** | m | R2 = | **…..** | m | D = | **…..** | m |
| N = | **…..** | m | R3 = | **…..** | m | Q = | **…..** | m |
| S = | **…..** | m |  |  |  | d = | **…..** | m |

Number of Gates xxx

Distance between Gates xxx cm

(sloping distance edge to edge)

height of stairs xxx cm

step-width of stairs xxx cm

Inrun speed – measurement :

⚫ The measured distance between two beams should be 8 m :

measurement at place: xxx m

⚫ second photocell beam (located 10 m before the edge of the takeoff):

measurement at place: xxx m

⚫ the photocell beam must be situated 0,20 m above the snow profile:

measurement at place: xxx m

**Detailed report**

Remark: **requirements / conditions**  for issuing certificate (new or prolongation) written in **RED**

Number requirement topics with sequential numbers, same as in “checklist of execution of requirements”

**INRUN**

insert photo

**B** photo from top of inrun towards downhill

insert photo

**C** photo of gates

insert photo

**D** photo from table towards uphill

Requirements:

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

**TABLE**

insert photo

**E** photo from top of table down to knoll

insert photo

**F** photo lateral sight to table

insert photo

**G** photo from knoll towards table

Requirements:

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

**KNOLL AND LANDING ZONE**

insert photo

**H** photo towards K and HS

insert photo

**I** photo towards K-tower

Requirements:

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

**OUTRUN**

insert photo

**J** photo of outrun

Requirements:

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

**JUDGES´ TOWER**

insert photo judge A towards table

**K** photo from stand judge A towards table

insert photo judge A towards table

**L** photo from stand judge A towards landing zone

insert photo judge E towards table

**M** photo from stand judge E towards table

insert photo judge E towards landing area

**N** photo from stand judge E towards landing zone

**INFRASTRUCTURE**

(see as well appendix: „Matrix for Infrastructure Jumping Hills“)

insert photo

**O** photo of trainers´ stand near table

insert photo

**P** photo of trainers´ stand near landing zone

Requirements:

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

**OTHER REMARKS**

insert photo

xxx

insert photo

xxx

insert photo

xxx

Place and date xxx Signature inspector

***V 2021 / 08-01***

**Sub-Committee Jumping Hills**

**lnspection Report Plastic Hill**

Certificate number xxx

**Same data as page 1**

If data of mat inspection are not the same as page 1 insert new data

Country and place xxx

Date of Inspection xxx

Name of Inspector xxx

Name of hill xxx

Size of hill (HS) xxx

h : n relationship xxx

Year of covering with mats xxx

insert photo

**Q** photo details of mats

insert photo

**R** photo details of mats

insert photo

**S** photo details of mats

Mat-element dimensions xxx cm/cm

Supplier / Material of mats xxx

Mat overleap oft he seam xxx

Manner of fastening xxx

Sub construction xxx

Snow fixing nets / statics calculation / company and date xxx

Date of delivery / state of nets xxx

Requirements concerning mats:

insert photo

**xxx**

insert photo

**xxx**

insert photo

**xxx**

insert photo

**T** photo details of inrun track

insert photo

**U** photo details of inrun track

insert photo

**V** photo details of inrun track

Requirements concerning track:

insert photo

**xxx**

insert photo

**xxx**

insert photo

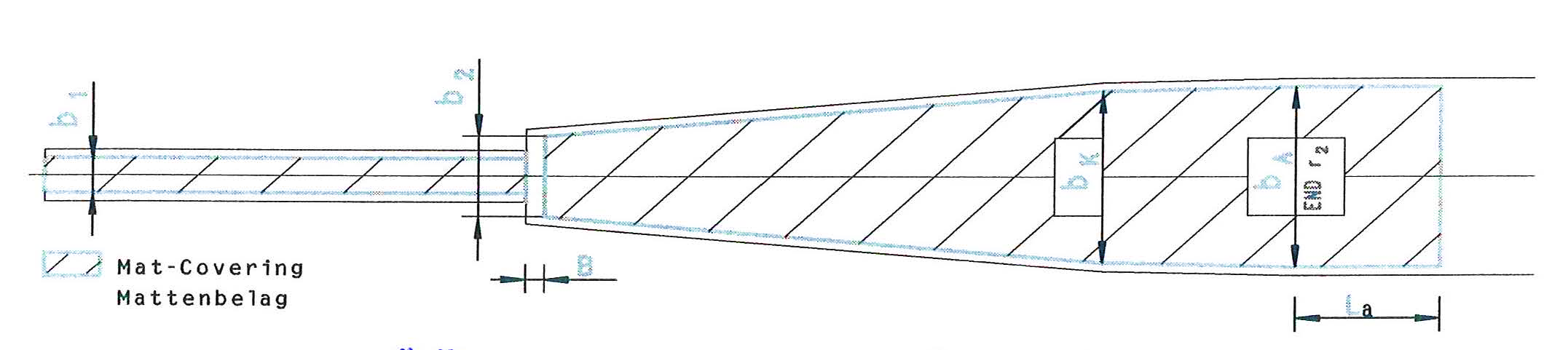
**xxx**

Supplier of inrun track xxx

Distance of both centers of tracks xxx cm

Width of track xxx cm

Depth of track xxx cm



b 1 xxx m

b 2 xxx m

bk xxx m

bA xxx m

La xxx m

B xxx m

Remarks Xxx xxx xxx

**After all requirements and conditions (written RED), mentioned in the report (beginning from top page 1), will be fulfilled, a new certificate for next 5 years can be issued.**

Place and date xxx Signature inspector

Enclosed plans and/or drawings

-) xxx

Other enclosures

-) Matrix for Infrastructure Jumping Hills

-) calculation sheet NORM JUMP-3.5 (for new and reconstructed hills, if available)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Matrix for Infrastructure Jumping Hills name of the hill / HS: XXX** | | | | |
| **competition NH + LH**  **infrastructure** | **FIS Cup** | **COC** | **WC WSC OWG** | **JSWC** | **Tick/ Remark of Inspector** |
| inrun |  |  |  |  |  |
| developing starting area with athlete stairs beside inrun line | x | individual |  |  |  |
| normal starting area with athlete stairs separate from the inrun line | x | x |  | x |  |
| well established starting area with lift | x | x | x | x |  |
| warm up room for 20 athlets and more | x | x | x | x |  |
| toilet |  |  | x |  |  |
| starting stairs | x | x | x | x |  |
| light starting bar | x | x | x | x |  |
| starting bar with start light |  |  | x |  |  |
| media stairs |  |  | x |  |  |
| snow track without cooling system | x |  |  |  |  |
| snow track with cooling system |  | x |  | x |  |
| ice track | x | x | x | x |  |
| tarpuline for track | x | x | x | x |  |
| snow blowers | x | x | x | x |  |
| optical signal for snow blowers | x | x | x | x |  |
| reachability of inrun track for snow blowers | x | x | x | x |  |
| measurement installation (startsignal, speed, wind) | x | x | x | x |  |
| safe stairs to reach the table (from coaches platform side) | x | x | x | x |  |
| hill / outrun | | | | |
| damp mats between table and knoll "B" | x | x | x | x |  |
| flexible marking "P" "K" "HS" |  |  | x |  |  |
| to beat laser |  |  | x |  |  |
| closed guard rails | x | x | x | x |  |
| access hatch (safe side door, K pt, knoll) for hill prep crew | x | x | x | x |  |
| safe stairs on both sides of hill | x | x | x | x |  |
| safe mounting element for video meassurement equipement | x | x | x | x |  |
| use of ladders is not possible | x | x | x | x |  |
| exitgate at right or left side (not in front) | x | x | x | x |  |
| judges tower | | | | |
| judges cabines in one level | x | x | x | x |  |
| judges cabines in split level, according to flight curve | x | x | x | x |  |
| room for race director |  |  | x |  |  |
| jury room above judges cabins | x | x | x | x |  |
| conference room (15 persones) |  |  | x |  |  |
| measurement installation |  |  | x |  |  |
| TV camera platform |  |  | x |  |  |
| trainer and team leader platform on the roof | x | x | x | x |  |
| safe stairs and tracks to reach all outside areas | x | x | x | x |  |
| ladder use is not possible | x | x | x | x |  |
| trainer platform | | | | |
| measurement installation |  | x | x | x |  |
| safe stairs and track to reach all standing positions | x | x | x | x |  |
| ladder use is not possible | x | x | x | x |  |
| floodlight | | | | |
| hill 1'000 lux |  | x |  | x |  |
| hill 1'000 lux WC/WSC |  |  | x |  |  |
| hill 2'000 lux OWG |  |  | x |  |  |
| emergency power supply | x | x | x | x |  |

V 03.09.2018