



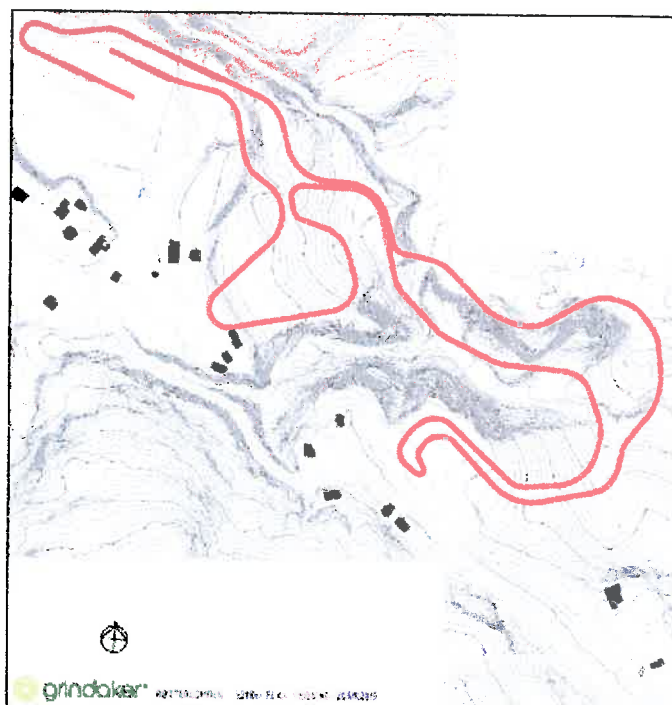
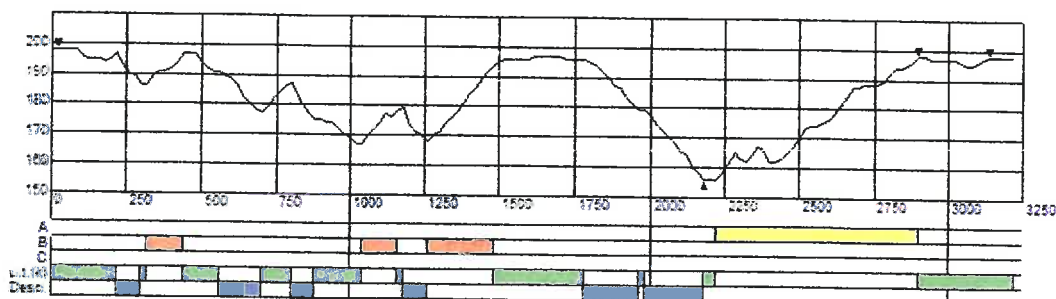
# CERTIFICATE

## OF FIS HOMOLOGATED CROSS-COUNTRY COURSE FIS CROSS-COUNTRY COMMITTEE



- (1) Registration Number: 15/26.03/3.3  
(2) Location of the competition site: Røtterudmoen, Nannestad  
(3) Organizer: Åsen IL - Ski  
(4) National Ski Association: Norwegian Ski Federation  
(5) Contact person in the organizing committee: Rolf Hauger  
(6) Homologation inspector: Hermod Bjørkestøl  
(7) Name of course: Røtterudmoen - 3,3 km  
(8) Description of course:

Course length:	3220 m	Height Difference (HD):	42 m	Lowest point:	156m
Category	E	Maximum Climb (MC):	50 m	Highest point	198 m
Competition Level:	COC	Total Climb (TC):	119 m		



FIS Office  
p.o. of Pierre Mignerey

FIS Stamp  
Internat. Ski Verband FIS  
Blochstrasse 2 / Postfach  
CH-3653 Oberhofen

FIS Homologation Responsible

Hermod Bjørkestøl

Date of Issue  
24.08.2015  
Valid until  
30.06.2020



# FIS CROSS COUNTRY COMMITTEE

## Subcommittee for Rules and Control



### DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

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- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
1	50	42.02
3	49	41.18
u.t.	20	16.81

- (10) Stadium area

- fixed stadium.....☒ indoor working room for
- fixed building.....☒ - timekeeping.....☒
- temporary stadium.....☐ - calculation.....☒
- temporary building.....☐ - announcer.....☒
- good infrastructure (access, parking, media, etc.).....☒ - media.....☒
- skitesting area near the stadium.....☒ - jury.....☒
- warm up track near the stadium.....☒ - others.....☒

- (11) Category for the stadium and course layout

- Stadium: suitable for following starting procedures
- |   | Individual                          | Sprint                              | Pursuit                             | Relay                               | Masstart                            |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Course: suitable for following competition formats with | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| a) classical technique                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) free technique                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| suitable for mixed relay and pursuit competition        |                                     |                                     |                                     |                                     |                                     |
| a) on the same course                                   |                                     |                                     |                                     |                                     | <input checked="" type="checkbox"/> |
| b) combined with a separat course                       |                                     |                                     |                                     |                                     | <input type="checkbox"/>            |
| Category:   |                                     |                                     |                                     |                                     | E                                   |

- (12) Possibility of snow making

- Stadium area.....☐ Course.....☐

- (13) Substitute course available.....☐

- (14) Map material in accordance to art 313.4.3 ICR

- very good.....☒ sufficient.....☐

- (15) Date of the final inspection:

- (16) Closing of the homologation procedure:

- (17) Date of the FIS-License:

# Data of the course profile



		Data	Remarks of the inspector					
Name of the course		Røtterudmoen - 3,3 km						
Competition distance		3220 m						
Number and length of the laps								
Height difference (HD)		42 m						
Maximum climb (MC)		50 m						
Total climb (TC)		119 m						
Lowest point		156 m						
Highest point		198 m						
<div>A</div>	major uphill with: and Ø 6.00 - 12.00% gradient in accordance to ICR 313.1		at m	PHD	PTC	gradient	average gradient	Remarks of the inspector
		1.	2220	42	50	5.00-17.39	6.18	
total						42.02% part of TC		
<div>B</div>	shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	1.	320	11	11	5.00-15.00	9.17	
		2.	1040	11	12	10.00-15.00	9.17	
		3.	1260	26	26	5.00-15.00	11.82	
total						41.18% part of TC		
<div>C</div>	steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1							
undulated terrain				20				
total				20		16.81% part of TC		
total climb						100.00	0	