



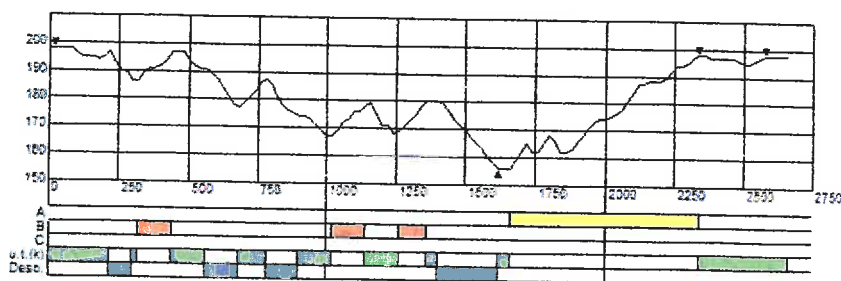
CERTIFICATE

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



- (1) Registration Number: 15/26.02/2,5
(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 - 2,5 km
(8) Description of course:

Course length:	2660 m	Height Difference (HD):	42 m	Lowest point:	156 m
Category	E	Maximum Climb (MC):	51 m	Highest point	198 m
Competition Level:	COC	Total Climb (TC):	102 m		



FIS Office

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	51	50.00
3	33	32.35
u.t.	18	17.65

- (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
- Course: suitable for following competition formats with
- | | | | | | |
|------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 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.....☒
- b) combined with a separat course.....☐
- 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 - sprint						
Competition distance		2660 m						
Number and length of the laps								
Height difference (HD)		42 m						
Maximum climb (MC)		51 m						
Total climb (TC)		102 m						
Lowest point		156 m						
Highest point		198 m						
A		at m	PHD	PTC	gradient	average gradient	Remarks of the inspector	
major uphill with: and Ø 6.00 - 12.00% gradient in accordance to ICR 313.1	1.	1660	42	51	5.00-15.00	6.18		
total							50.00% part of TC	
B		1.	320	11	11	5.00-15.00	9.17	
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	2.	1020	11	11	5.00-15.00	9.17		
	3.	1260	11	11	10.00-15.00	11.00		
total							32.35% part of TC	
C								
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1								
undulated terrain			18					
total			18				17.65% part of TC	
total climb						100.00	0	