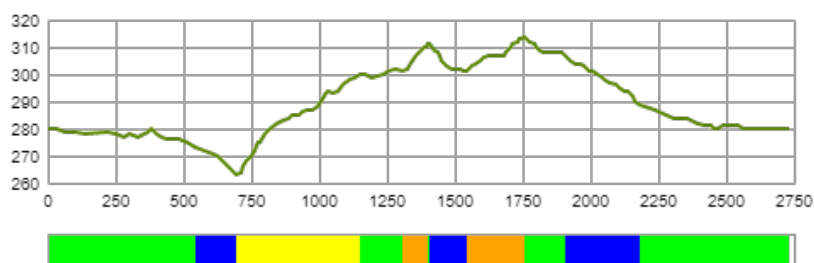




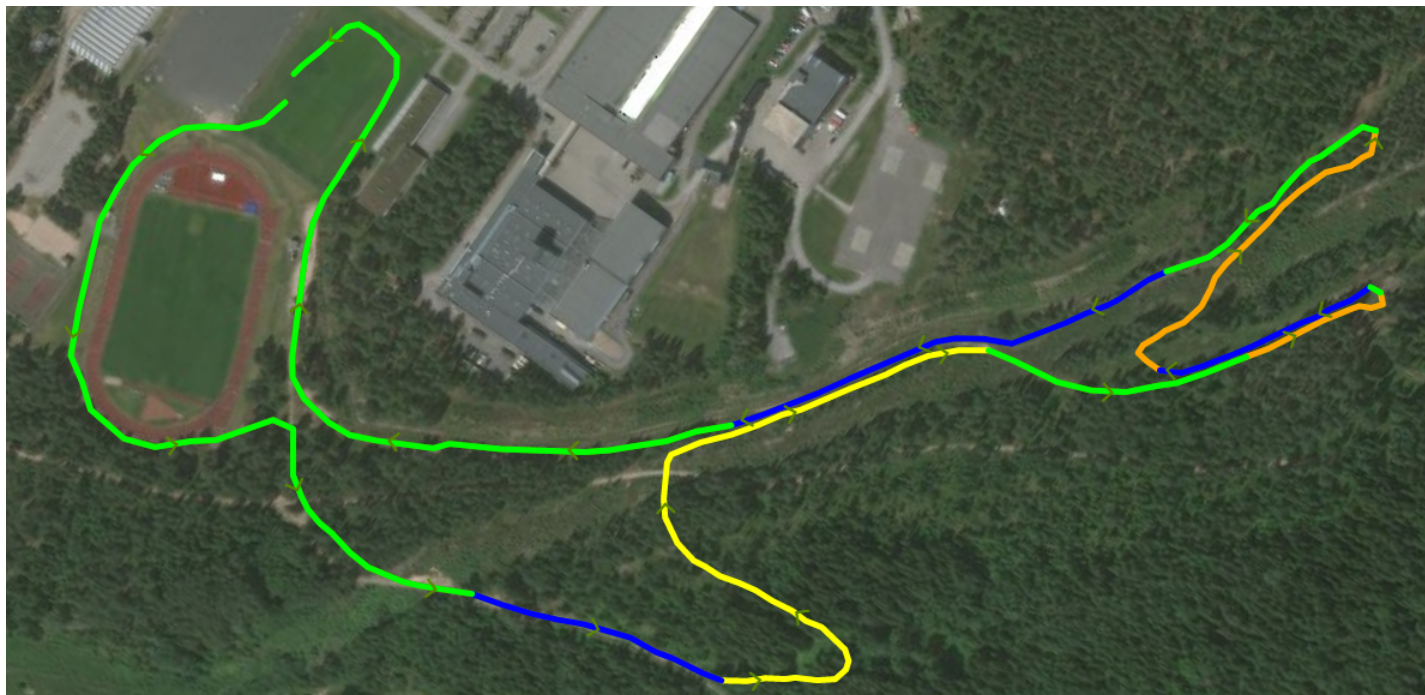
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	19/105.01/2.5
(2) Name of the competition site:	Rena Idrettspark
(3) Name of city/region:	Rena/Hedmark
(4) Organizer:	Rena IL - Ski
(5) National ski association:	Norwegian Ski Federation
(6) Contact person in the organizing committee:	Jan Olav Andersen
(7) Homologation inspector:	John Aalberg
(8) Name of course:	NC 2.5 km
(9) Competition level for course	COC

Course length:	2,733m	Height difference (HD):	51m	Lowest point:	263m
Course category:	D	Maximum climb (MC):	38m	Highest point:	314m
		Total climb (TC):	70m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

Mignerey, Pierre
FIS International Ski Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp



FIS Homologation
Responsible

Bjørkestøl, Hermod

Date of Issue

25.09.2019

Valid until

30.06.2024

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	38	54.3
- shorter climbs	2	23	32.9
- descents	3	0	0.0
- undulated terrain	5	9	12.9

(11) Stadium area:

Fixed stadium area	yes	Indoor working room:	Timekeeping	no
Fixed building	no		Announcer	no
Temporary stadium	no		Jury	yes
Temporary building	yes		Race office	yes
Good infrastructure (access, parking, media, etc.)	yes			
Skiteasting area along course/near stadium	yes			
Warm up track near the stadium	yes			

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique	yes			yes	yes
b) Free technique	yes			yes	yes
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)					

(13) Possibility of snow making:

No

(14) Map Material:

Good

(15) Source of accurate elevation data:

Norwegian government data

(16) Safety considerations:

(17) General remarks:

This course is certified for Nordic Combined competitions. It does not meet the FIS Cross-Country requirements 100%, but is acceptable.

(18) Date of first inspection: 2017/10/15

(19) Date of final inspection: 2019/9/20

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1	696	37	38	-5.6 - 23.9	8.1	
	total			38			54.3% part of TC
B-climb	1	1,308	10	10	14.2 - 16.1	10.8	
	2	1,542	13	13	7.4 - 14.8	6.1	
	total			23			32.9% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			9			12.9% part of TC
	total climb			70			