### CERTIFICATE



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



(1) Registration Number:(2) Location of the competition site:

(3) Organizer:

(4) National Ski Association:

(5) Contact person in the organizing committee:

(6) Homologation inspector:

(7) Name of course:

(8) Description of course:

15/37.03/02

Høydalsmo

Høydalsmo IL

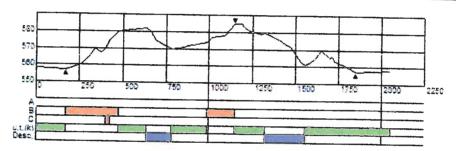
Norwegian Ski Federation

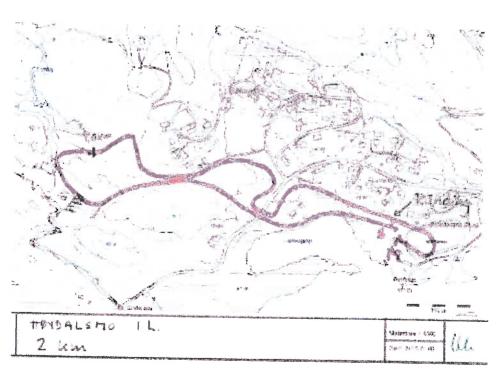
Ketil Kvaale

Tom Horntvedt

Høydalsmo 2 km

Course length: 2050 m Category C Competition Level: COC	Height Difference (HD): Maximum Climb (MC): Total Climb (TC):	28 m 26 m 55 m	Lowest point: Highest point	557 m 585 m	
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FIS Stamp

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

FIS Homologation Responsible

Hermod Bjørkestøl

Date of Issue 02.10.2015 Valid until 30.06.2020



# FIS CROSS COUNTRY COMMITTEE Subcommittee for Rules and Control



#### DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

(1)	Registration Number:							
(2)	Location of the competition site:	İ	Høydalsm	0				
(3)	Organizer:		Høydalsm					
(4)	National Ski Association:		Norwegian		ration			
(5)	Contact person in the organizing com	nmittee: I	Ketil Kvaal	le				
(6)	Homologation inspector:	•	Tom Hornt	vedt				
(7)	Name of course:	ł	Høydalsm	o 2 km				
(8)	Description of course:							
	Course length: 2050m	Height Differenc	o (HD):	28m	Lowest p	oint:	557m	
	Category: C	Maximum Climb						
	Competition Level: COC	Total Climb (TC)		26m 55m	Highest p	OITIL.	585m	
	Competition Level. COC	Total Cillib (10)	-	SSIII				
(9)	Overview of the uphills	No. F	TC 9	% of TC				
(-)	- major uphills	0	0	0.00				
	- shorter uphills		37	67.27	(6)			
	- undulated terrain		18	32.73				
		<u> </u>	10	02.10				
(10)	Stadium area							
` ′	- fixed stadium	F	. indo	oor workin	g room for			
	- fixed building							- ▼
	- temporary stadium		- ca	lculation.				<b>1</b>
	- temporary building		ar	nouncer.	************	•••••		<b>I</b>
	- good infrastructure (access, parking	ı, media, etc.)🖪	√ - m					
	- skitesting area near the stadium	iu						
	- warm up track near the stadium		ot	hers		••••••		₹
	•							
(11)	Category for the stadium and course	layout	ir	ndividual	Sprint	Pursuit	Relay	Masstart
	Stadium: suitable for following starting	g procedures			V	<b>₹</b>		•
	Course: suitable for following compet	ition formats with		,				
	<ul> <li>a) classical technique</li> </ul>			₹,				₹
	b) free technique			~				
	suitable for mixed relay and pursuit co	ompetition						
	a) on the same course							
	<ul><li>b) combined with a separat co</li></ul>	urse					• • • • • • • • • • • • • • • • • • • •	
	Category:		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			C
(12)	Possibility of snow making	_						
	Stadium area		_ Cou	urse	• • • • • • • • • • • • • • • • • • • •		•••••••••	
(42)	Substitute course avaliable							L1
(13)	Substitute course available	***************************************	• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • • • • • • • • • • • •	
(14)	Map material in accordance to art 313	3.4.3 ICR						
(17)	very good		enf	ficient				
			_				***************	
(15)	Date of the final inspection:							
/								
(16)	Closing of the homologation procedur	re:						
(17)	Date of the FIS-License:							

## Data of the course profile



Name of the course   Heydalsmo 2 km		Data Remarks of the inspector										
Number and length of the laps  Height difference (HD)	Name of the course											
Height difference (HD)	Competition distance	the contract of the contract o										
Height difference (HD)			,		٠		** ********					
Maximum climb (MC)   26 m		28 m										
Total climb (TC)   55 m												
Lowest point   S57 m												
Highest point												
A m   PHD   PTC   gradient   average gradient   a	· · · · · · · · · · · · · · · · · · ·											
major uphills with: and Ø 6.00 - 12.00% gradient in accordance to ICR 313.1  total  1. 175 23 26 3.53-20.83 7.62  shorter uphills with: 2. 990 11 11 1.43-11.67 6.88  10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1  total  total  5		. J	1	PHD	PTC	gradient	average	rage Remarks of the inspector				
and Ø 6.00 - 12.00% gradient in accordance to ICR 313.1  total  1. 175 23 26 3.53-20.83 7.62  shorter uphills with: 2. 990 11 11 1.43-11.67 6.88  10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1  total  total  67.27% part of TC  steep uphills with Dist. <= 30 m and Ø > 18.00% gradient				1.1.5		9	gradient	T CONTENTS				
6.00 - 12.00% gradient in accordance to ICR 313.1  total  1. 175						<u> </u>						
total  total  1. 175 23 26 3.53-20.83 7.62  shorter uphills with: 2. 990 11 11 1.43-11.67 6.88  18.00% gradient in accordance to ICR 313.1  total												
total    1												
1. 175 23 26 3.53-20.83 7.62	in accordance to lorg 515.1											
1. 175 23 26 3.53-20.83 7.62		-5555										
1. 175												
1. 175						<u> </u>						
1. 175										<del>,</del>		
1. 175	total							0.00%	part of TC			
shorter uphills with:		1	175	23	26	3 53-20 83	7.62	0.0070	partorio			
10 m - 29 m MP  and Ø					1							
and Ø			330			1,45-11.07	0.00					
					-							
in accordance to ICR 313.1  total  67.27% part of TC  steep uphills with     Dist. <= 30 m     and Ø     > 18.00% gradient				+							<u>.                                  </u>	
total 67.27% part of TC  steep uphills with Dist. <= 30 m and Ø > 18.00% gradient			-					<del> </del>				
steep uphills with  Dist. <= 30 m  and Ø  > 18.00% gradient	in accordance to ICR 313.1	-			<del> </del>							
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steep uphills with  Dist. <= 30 m  and Ø  > 18.00% gradient								ļ				
steep uphills with         Dist. <= 30 m								67.27%	part of TC			
Dist. <= 30 m  and Ø  > 18.00% gradient				<u> </u>			ļ					
and Ø > 18.00% gradient												
> 18.00% gradient	Dist. <= 30 m											
	and Ø											
in accordance to ICR 313.1	> 18,00% gradient									**		
	in accordance to ICR 313.1									<del></del>		
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undulated terrain 18	undulated terrain	***		1	18							
total 18 32.73% part of TC					<del></del>			32,73%	part of TC	·		
			1					1	,			
total climb 100.00 5	total climb			<del></del>				100.00		5		