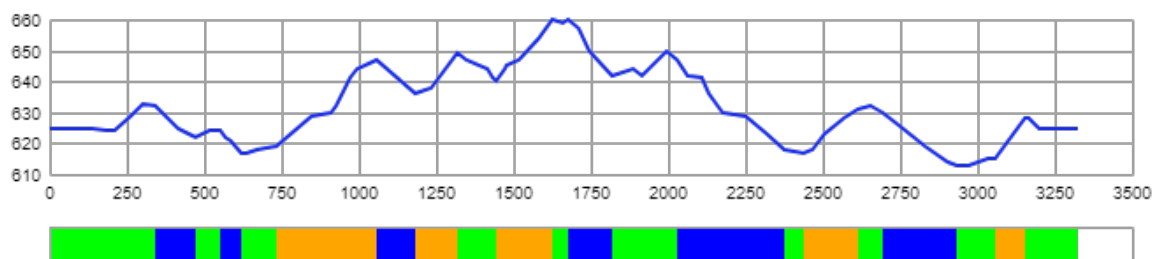


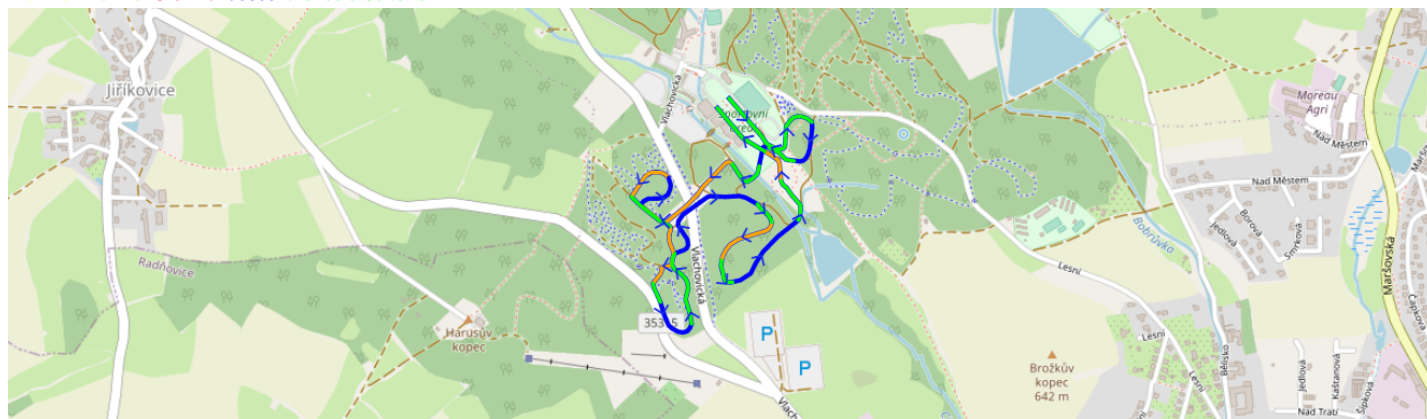
CERTIFICATE OF FIS HOMOLOGATED CROSS-COUNTRY COURSE FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	WC21/03.06/3.3
(2) Name of the competition site:	Vysocina Arena, Nove Mesto na Morave
(3) Name of city/region:	Nove Mesto na Morave, Czech Republic
(4) Organizer:	SPORT CLUB NOVE MESTO NA MORAVE z.s.
(5) National ski association:	Czech Ski Association
(6) Contact person in the organizing committee:	Jan Skricka
(7) Homologation inspector:	Jakub Vodrazka
(8) Name of course:	FIS WC 3,3km
(9) Competition level for course	WC

Course length:	3,322m	Height difference (HD):	47m	Lowest point:	613m
Course category:	D	Maximum climb (MC):	28m	Highest point:	660m
		Total climb (TC):	115m		



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



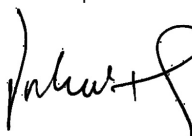
FIS Office


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

FIS Stamp



FIS Homologation
Responsible


 Vodrazka, Jakub

Date of Issue
 12.01.2021
 Valid until
 30.06.2026

(10) Overview of the uphill:

	No.	PTC	% of TC
- shorter climbs	5	88	76.5
- descents	6	0	0.0
- undulated terrain	10	27	23.5

(11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	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	yes
Course suitable for following competition formats with					
a) Classical technique	yes				yes
b) Free technique	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:

Yes, (they use also summer snow depo!).

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

Geodetic measurement.

(16) Safety considerations:

... when icy snow --> pay some attention in so called "crash test corner" and on the bridge after downhill from Plackovec.

(17) General remarks:

The major climb might have 30m PTC and PHD, but it starts after a downhill, so the very first part is almost "for free". I've defined where the climb really begins and although it has 28m of PTC due the gradient up to 18% it is very demanding and truly a major climb. For multi-laps races the distance will be 130m longer.

Very good CC courses, 100% covered by artificial snow.

(18) Date of first inspection:

(19) Date of final inspection: 2020/10/6

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb		total		0			0.0% part of TC
B-climb		1	735	28	28	1.6 - 18.0	8.8
		2	1,183	13	13	0.0 - 13.0	9.8
		3	1,445	20	20	5.0 - 16.7	11.0
		4	2,438	14	14	3.5 - 13.3	7.9
		5	3,056	13	13	13.5 - 13.5	13.5
		total		88			76.5% part of TC
C-climb		total		0			0.0% part of TC
undulated terrain		total		27			23.5% part of TC
		total climb		115			