

European Students Championships in Forestry Skills

Protocol escfs 1

<b>FITTING ANOTHER CHAIN</b>				The number of contestant			
Contestant:			Nation:				
Group of chain saw (type of bar fixture)	<b>I</b> (two nuts)	<input type="radio"/>	<b>II</b> (one or no nut)	<input type="radio"/>			
Nr.	PARAMETER / ESTIMATION	UNIT	RESULT		POINTS		NOTES
					+	-	
<b>1</b>	Time (measuring 0.1 sec)	<b>sec</b>				<b>XXX</b>	
<b>2</b>	Incomplete fitting → <b>0 points for this discipline</b>		no	yes	<b>XXX</b>		
<b>3</b>	Dropping the old chain or the tightening on the ground (20 pts)		no	yes	<b>XXX</b>		
<b>4</b>	The bar was not turned (50 pts)		no	yes	<b>XXX</b>		
<b>5</b>	The chain tightened incorrectly (50 pts)		no	yes	<b>XXX</b>		
<b>6</b>	Too early start (20 pts)		no	yes	<b>XXX</b>		
<b>7</b>	Adjusting the cutting apparatus after the performance (50 pts)		no	yes	<b>XXX</b>		
<b>8</b>	Appearance on the competition site without permission (50 pts)		no	yes	<b>XXX</b>		
<b>9</b>	Injury that does not require medical care (20 pts)		no	yes	<b>XXX</b>		
<b>10</b>	Injury that requires medical care (50 pts)		no	yes	<b>XXX</b>		
<b>11</b>	The chain gets stuck or slips off the bar or a nut drops to the ground (for combined or precision cut) → <b>0 points for “Fitting another chain”</b>		no	yes	<b>XXX</b>		
<b>TOTAL POINTS</b>					+	-	
<b>SCORE FOR FITTING ANOTHER CHAIN</b>							
Signature of judge			Signature of the head of the calculating group				
time			time				

**General rules: First-aid kit is missing - No permission to start!**

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Protocol escfs 2

<b>BUCKING BY COMBINED CUTS</b>						The number of contestant			
Contestant:					Nation:				
Group of chain saw (cubic capacity)		<b>I</b> Less than 46 cm <sup>3</sup>	<b>○</b>	<b>II</b> 46 – 55 cm <sup>3</sup>	<b>○</b>	<b>III</b> More than 55 cm <sup>3</sup>	<b>○</b>		
Nr.	PARAMETER / ESTIMATION	UNIT	RESULT			POINTS		NOTES	
						+	-		
1	Time ( <i>measuring 0.1 sec</i> )	<b>sec</b>					XXXX		
2	Angle of the cut ( <i>rounded to 0.5 degree = 30 min</i> )	stem 1	<b>degree</b>				XXXX		
		stem 2	<b>degree</b>				XXXX		
3	Height of the treshold	stem 1	<b>mm</b>				XXXX		
		stem 2	<b>mm</b>				XXXX		
4	Cutting through the coloured mark from below	stem 1	50 pts	no	yes	XXXX			
		stem 2	50 pts	no	yes	XXXX			
5	Incorrect start of upper cut (outside marking)	stem 1	50 pts	no	yes	XXXX			
		stem 2	50 pts	no	yes	XXXX			
6	Disc less than 30 mm or more than 80 mm	stem 1	50 pts	no	yes	XXXX			
		stem 2	50 pts	no	yes	XXXX			
7	The disc doesn't fall to the ground → No points for the stem	stem 1	no points	no	yes	XXXX			
		stem 2	no points	no	yes	XXXX			
8	Cutting through the coloured mark from above	stem 1	50 pts	no	yes	XXXX			
		stem 2	50 pts	no	yes	XXXX			
9	Cuts deeper than 10 mm (gashes next to the actual cut)	stem 1	20 pts	no	yes	XXXX			
		stem 2	20 pts	no	yes	XXXX			
10	Too early start (20 pts)			no	yes	XXXX			
11	Appearance on the competition site without permission (50 pts)			no	yes	XXXX			
12	Working without protective gear (20 pts)			no	yes	XXXX			
13	Starting the saw in an incorrect way (30 pts)			no	yes	XXXX			
14	Touching the chain while the engine is running (50 pts)			no	yes	XXXX			
15	Moving from place to place while the chain is running (20 pts)			no	yes	XXXX			
16	Failing to start the saw within 5 minutes (30 pts)			no	yes	XXXX			
17	Using the saw one-handed while the chain is running (20 pts)			no	yes	XXXX			
18	Injury that does not require medical care (20 pts)			no	yes	XXXX			
19	Injury that requires medical care (50 pts)			no	yes	XXXX			
20	The chain gets stuck or slips off the bar or a nut drops → 0 pts for time and 0 points for fitting another chain			no	yes	XXXX			
<b>TOTAL POINTS</b>						+	-		
<b>SCORE FOR COMBINED CUTS</b>									
Signature of judge					Signature of the head of the calculating group				
time					time				

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Protocol escfs 3

<b>PRECISION BUCKING</b>						The number of contestant			
Contestant:						Nation:			
Group of chain saw (cubic capacity)		<b>I</b> Less than 46 cm <sup>3</sup>	○	<b>II</b> 46 – 55 cm <sup>3</sup>	○	<b>III</b> More than 55 cm <sup>3</sup>	○		
Nr.	PARAMETER / ESTIMATION	UNIT	RESULT			POINTS		NOTES	
						+	-		
<b>1</b>	Time ( <i>measuring 0.1 sec</i> )	sec					XXX		
<b>2</b>	Angle of the cut	stem 1	<b>degree</b>				XXX		
	<i>(rounded to 0.5 degree = 30 min)</i>	stem 2	<b>degree</b>				XXX		
<b>3</b>	Height of treshold = accuracy of cutting	stem 1	<b>mm</b>				XXX		
		stem 2	<b>mm</b>				XXX		
<b>4</b>	Cut into the board → No points for the stem	stem 1	no points	no	yes	XXX			
		stem 2	no points	no	yes	XXX			
<b>5</b>	Disc less than 30 mm or more than 80 mm	stem 1	50 pts	no	yes	XXX			
		stem 2	50 pts	no	yes	XXX			
<b>6</b>	Stepping over stem or stopper	stem 1	50 pts	no	yes	XXX			
		stem 2	50 pts	no	yes	XXX			
<b>7</b>	Removing sawdust from the plank → <b>No points for the discipline</b>	stem 1		no	yes	XXX			
		stem 2		no	yes	XXX			
<b>8</b>	Too early start (20 pts)			no	yes	XXX			
<b>9</b>	Appearance on the competition site without permission (50 pts)			no	yes	XXX			
<b>10</b>	Working without protective gear (20 pts)			no	yes	XXX			
<b>11</b>	Starting the saw in an incorrect way (30 pts)			no	yes	XXX			
<b>12</b>	Touching the chain while the engine is running (50 pts)			no	yes	XXX			
<b>13</b>	Moving from place to place while the chain is running (20 pts)			no	yes	XXX			
<b>14</b>	Failing to start the saw within 5 minutes (30 pts)			no	yes	XXX			
<b>15</b>	Using the saw one-handed while the chain is running (20 pts)			no	yes	XXX			
<b>16</b>	Injury that does not require medical care (20 pts)			no	yes	XXX			
<b>17</b>	Injury that requires medical care (50 pts)			no	yes	XXX			
<b>18</b>	The chain gets stuck or slips off the bar or a nut drops → <b>0 pts for time and 0 pts for fitting another chain</b>			no	yes	XXX			
<b>TOTAL POINTS</b>						+	-		
<b>SCORE FOR PRECISION CUT</b>									
Signature of judges						Signature of the head of the calculating group			
time						time			

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**Protocol escfs 4**

<b>TREE FELLING</b>				The number of contestant			
Contestant:				Nation:			
Nr.	PARAMETER / Judgement	UNIT	RESULT		POINTS		NOTES
					+	-	
1.	Time ( <i>measuring 0.1 sec</i> )	sec				XXX	
2.	Deviation from felling direction	cm				XXX	
3.	Depth of undercut	cm				XXX	
4.	Angle of undercut ( <i>rounded to the nearest degree</i> )	degree				XXX	
5.	Width of holding bridge	Max.	mm			XXX	
		Min.	mm				
6.	Difference of height between bottom of the sink and felling cut	Max.	mm			XXX	
		Min.	mm				
7.	Too ealy start (20 pts)		no	yes	XXX		
8.	Stump too high (max. 30cm above the ground: 100pts)		no	yes	XXX		
9.	Split: Length ( <i>only real tree</i> )	cm			XXX		
10.	Incorrect felling cut: Sawing from inside to outside after finishing the hinge <b>in one cut</b> (50 pts)		no	yes	XXX		
11.	Use of painted marks and sticks (20 pts)		no	yes	XXX		
12.	Incorrect retreat from the tree (20 pts)		no	yes	XXX		
13.	Appearance on the competition site without permission (50 pts)		no	yes	XXX		
14.	Working without protective gear (20 pts)		no	yes	XXX		
15.	Starting the saw in an incorrect way (30 pts)		no	yes	XXX		
16.	Touching chain while the engine is running (50 pts)		no	yes	XXX		
17.	Moving from place to place while the chain is running (20 pts)		no	yes	XXX		
18.	Failing to start the saw within 5 minutes (30 pts)		no	yes	XXX		
19.	Using the saw one-handed while the chain is running (20 pts)		no	yes	XXX		
20.	Injury that does not require medical care (20 pts)		no	yes	XXX		
21.	Injury that requires medical care (50 pts)		no	yes	XXX		
22.	Command "stop" in dangerous situation ( <i>real tree</i> )		no	yes	XXX		
<b>TOTAL POINTS</b>					+	-	
<b>SCORE FOR TREE FELLING</b>							
Signature of judges				Signature of the head of the calculating group			
time				time			

**European Students Championships in Forestry Skills**

Protocol escfs 5

<b>LIMBING</b>				The number of contestant			
Contestant:			Nation:				
Nr.	PARAMETER / ESTIMATION	UNIT	RESULT		POINTS		NOTES
					+	-	
1	Initial points for performance of work				<b>200</b>	XXX	
2	Time ( <i>measuring 0.1 sec</i> )	<b>sec</b>				XXX	
3	Branch stubs > 5 mm (20 pts per fault)	<b>number</b>			XXX		
4	Damage to stem > 5 mm (20 pts per fault)	<b>number</b>			XXX		
5	Wood damage of 35 cm or more (40 pts per fault)	<b>number</b>			XXX		
6	Unlimbed branches (30 pts per fault)	<b>number</b>			XXXX		
7	Walking while the chain is running and the chain is on the own side of the stem (20 pts per fault)	<b>number</b>			XXX		
8	Moving branches by hand while the chain is running (20 pts per fault)	<b>number</b>			XXX		
9	Too early start (20 pts)		no	yes	XXX		
10	Appearance on the competition site without permission (50 pts)		no	yes	XXX		
11	Working without protective gear (20 pts)		no	yes	XXX		
12	Starting the saw in an incorrect way (30 pts)		no	yes	XXX		
13	Touching the chain by hand while the engine is running (50 pts)		no	yes	XXX		
14	Saw not starting within 5 minutes (30 pts)		no	yes	XXX		
15	Using the saw one handed while the chain is running (20 pts)		no	yes	XXX		
16	Injury that does not require medical care (20 pts)		no	yes	XXX		
17	Injury that requires medical care (50 pts)		no	yes	XXX		
<b>TOTAL POINTS</b>					+	-	
<b>SCORE FOR LIMBING</b>							
Signature of judges			Signature of the head of the calculating group				
time			time				