

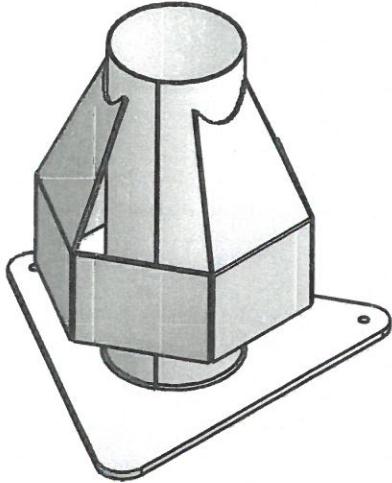
## PLATE- and WELDING WORK

**Tasks max. 100p**

**Work time to the task 6h**

The task is to prepare the assembly work according to the drawing. All parts are pre-fabricated. Your job is plate machines, and using gas cutting equipment, the parts according to the drawing, and perform the assembly. The welding work is carried out according to the processes defined in the drawing

Kuva 1



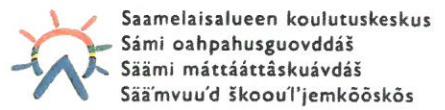
## Review description

The ranking of competitors in a competition is defined by giving the score to each competitor. The assessment uses a World Skills based CIS score system with a maximum score of 100 points.

The competitive performance is evaluated modularly at the end of each module or section. Work must be done within the given timetable. The judges evaluate competitors during the day, following the competitor's work, and measuring the precision of the finished product as well as evaluating the correctness of the drawings and working instructions. Assessment is carried out objectively and subjectively. The percentage of subjective assessment is 15%, including: work safety, cleanliness of work and workstation

## Competitive tools and materials

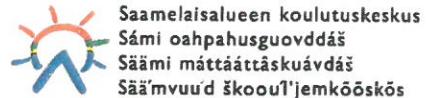
The competitor will bring along the necessary personal protective equipment, including notebooks and a pocket calculator. The use of mobile phones during the competition is prohibited.



## Other things

The competitor reserves the venue for the competition:

- All materials needed at work
- Prepare work
- Welding Equipment
- Disk machine tools.



## **Marking Schema**

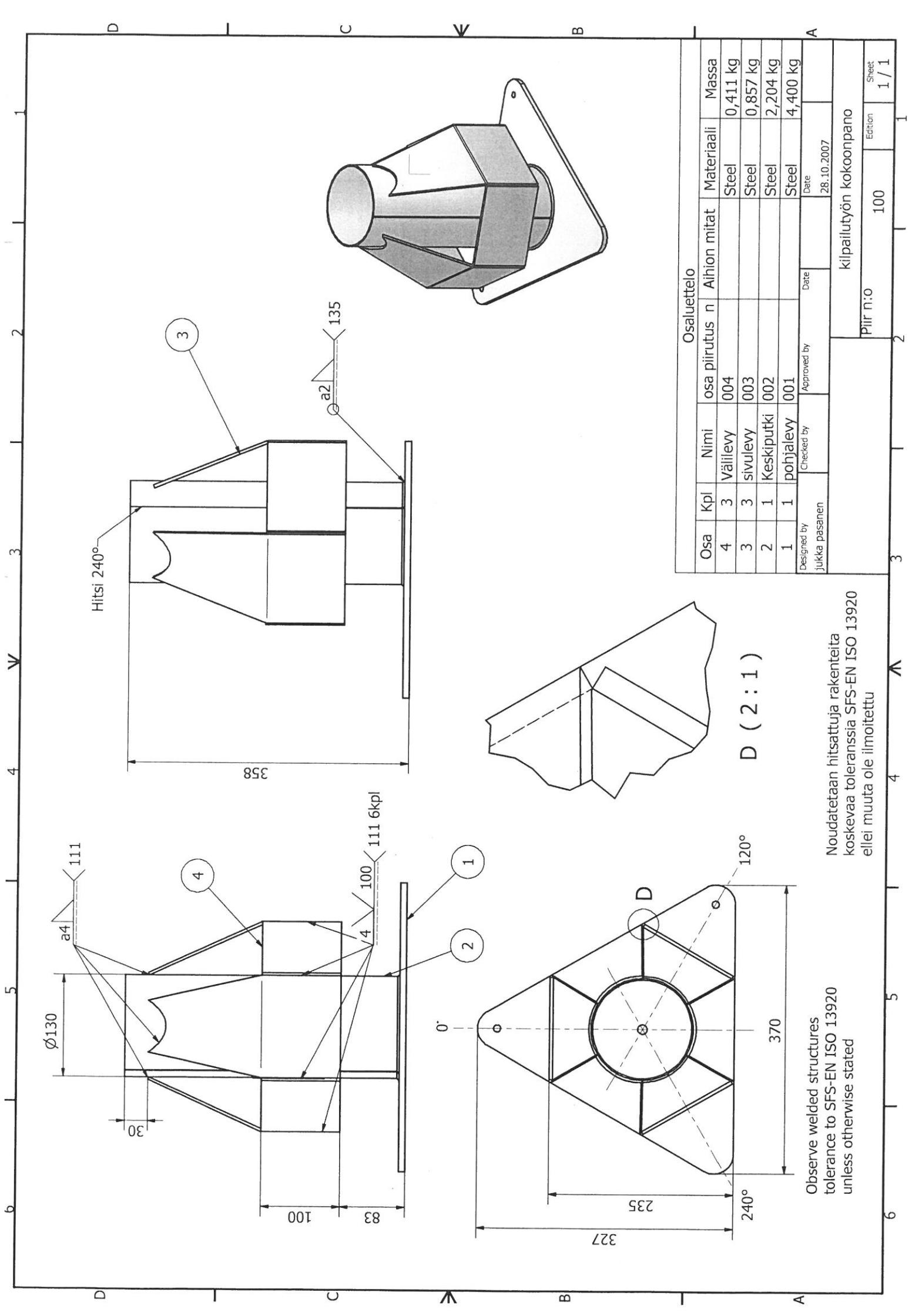
Arctic Skills 2018

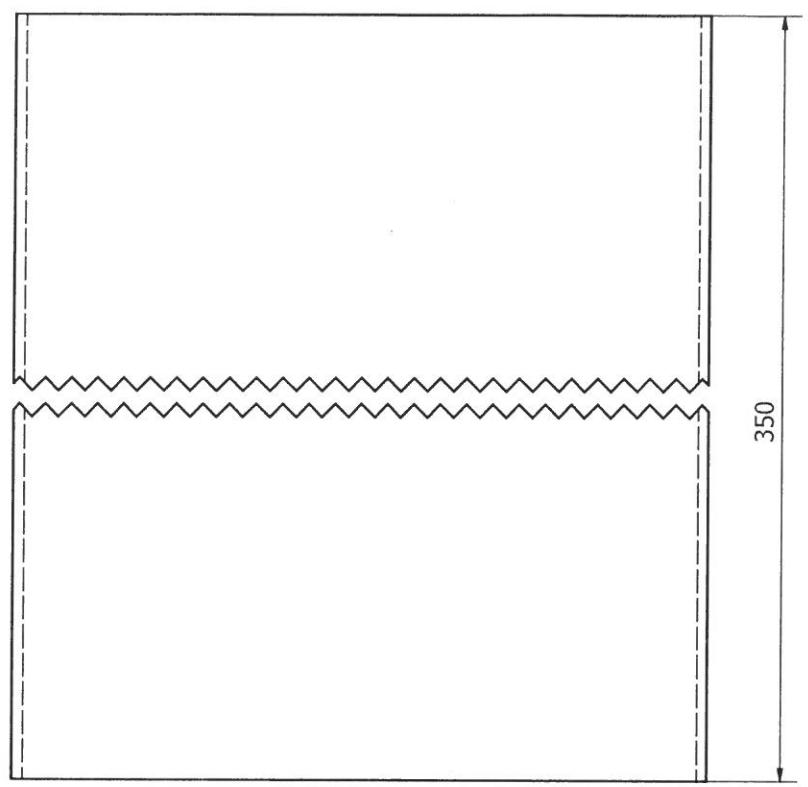
Skill (Laji): \_\_\_\_\_

Competitor Name: \_\_\_\_\_ Country: \_\_\_\_\_

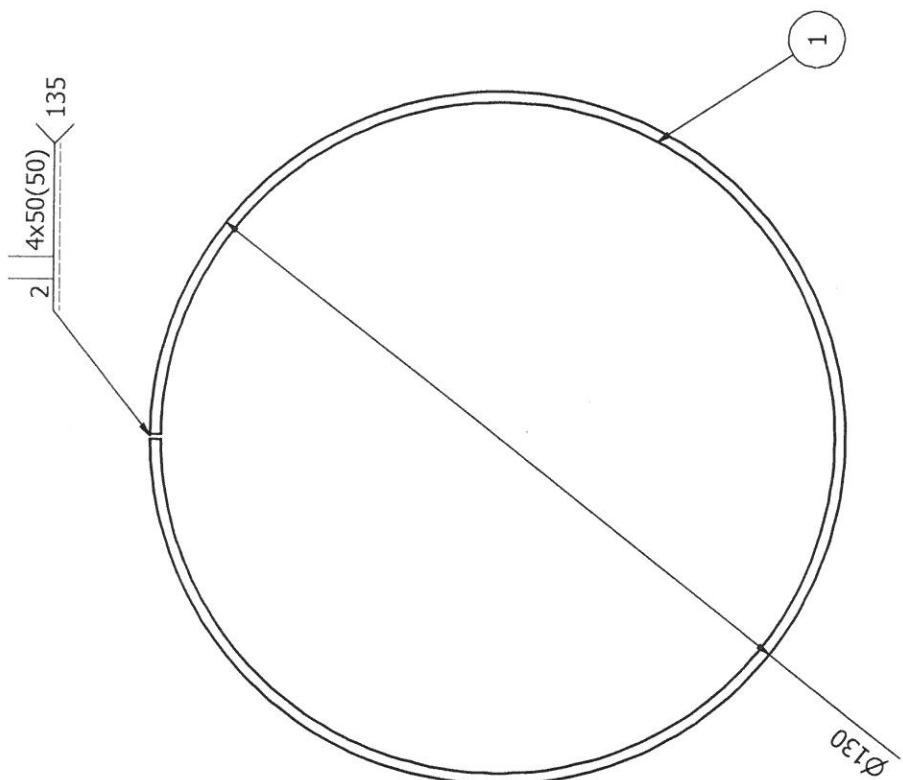
### Sub Criterion(Tehtävä):

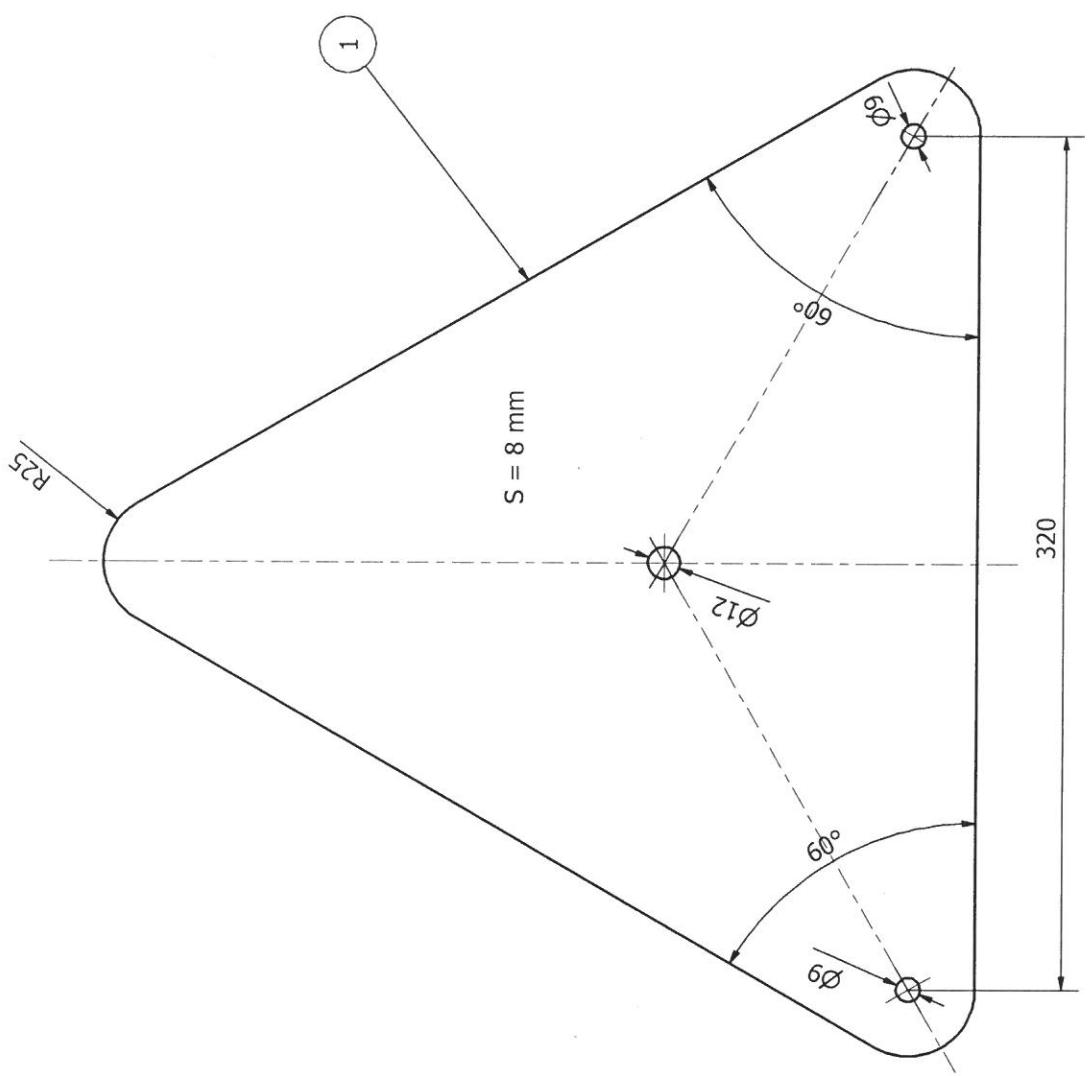






Osaluettelo					Massa
Osa	Kpl	Nimi	Mitat	Materiaali	
1	1	Keskiputki	PL 2x350x ???	S 235 JR G2	2,204 kg
Designed by jukkapas	Checked by	Approved by	Date	Date	4.11.2007





Kappale polttoleikataan ympäri  
Polttoleikkauuspintaa ei saa hioa

Parts List

Osa	Kpl	Nimi	Mittat	Materiaali	Massa
1	1	Pohjalevy	PL 8x32x370	S 235 JR G2	4,400 kg
Designed by jukka pasanen	Checked by	Approved by	Date	Date	

Pohjalevy

Pilr n:o 001 Edition 1 / 1

A

D

C

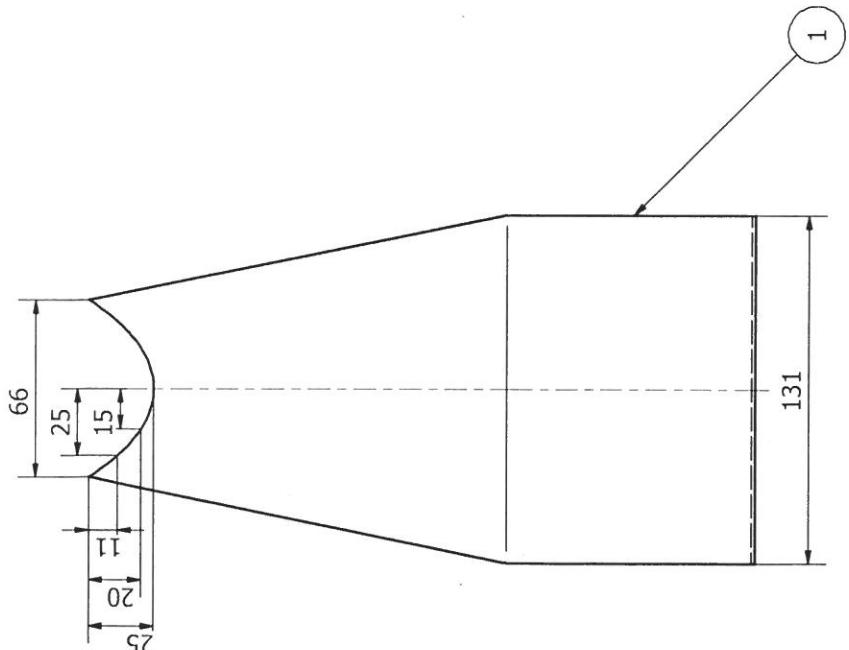
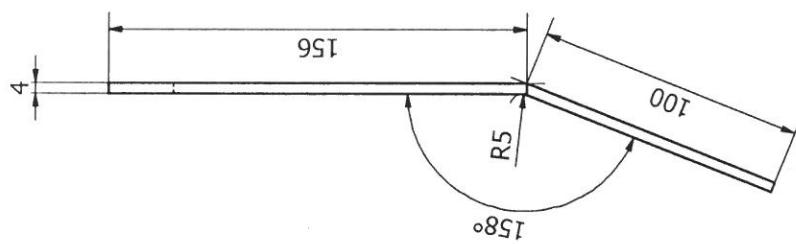
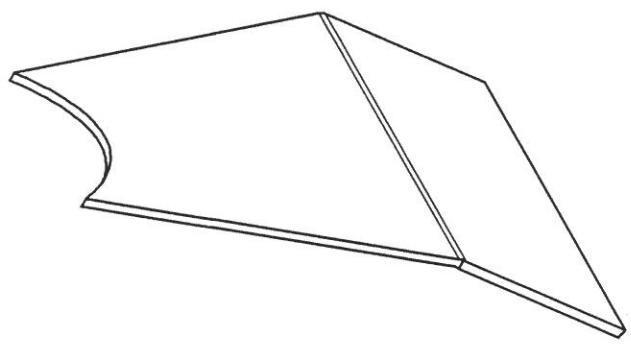
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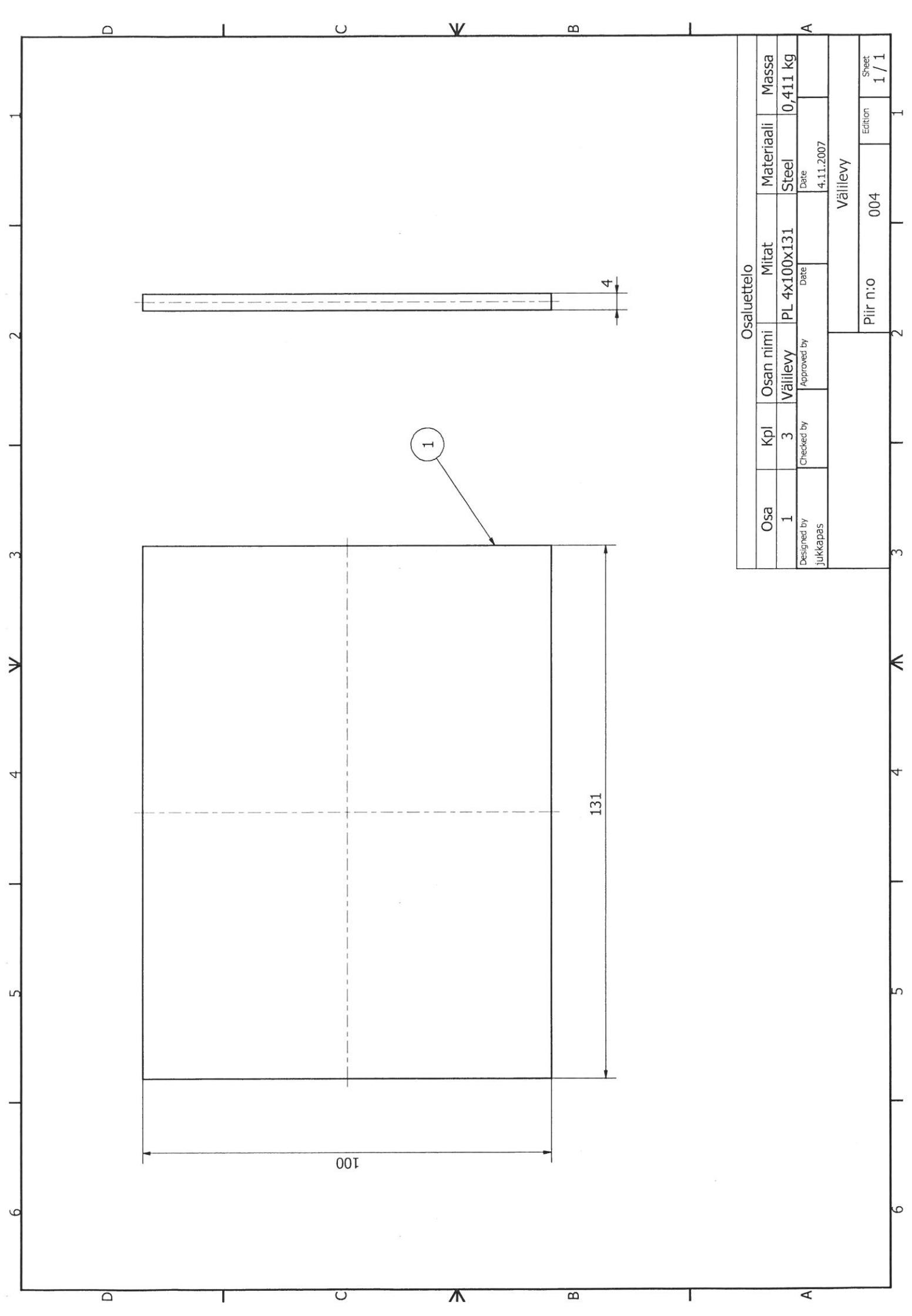
B

A

1

Osaluettelo					
Osa	Kpl	Nimi	Mitat	Materiaali	Massa
1	3	PL 4x131x???	PL 4x131x???	S 235 JR G2	0,857 kg
Designed by jukkpas	Checked by	Approved by	Date	Date	
				4.11.2007	
Sivulevy					
Piir n:o	003	Edition	Sheet	1 / 1	





# Evaluation form

a piece to be produced

Name \_\_\_\_\_ person ID \_\_\_\_\_

Academy \_\_\_\_\_ date \_\_\_\_\_

Target point maksim

			Measured result, student	Referee
1. Teoriakoe	10	_____		
2 Quality and accuracy of the work (Kokoontapaukkuva)	42	_____	_____	_____
- mitta $358 \pm 3$	3	_____	_____	_____
- mitta $235 \pm 2$	3	_____	_____	_____
- mitta $\varnothing 130 \pm 2$	3	_____	_____	_____
- mitta $320 \pm 3$	3	_____	_____	_____
- mitta $370 \pm 3$	3	_____	_____	_____
- mitta $158^\circ \pm 2$	3	_____	_____	_____
- mitta $83 \pm 2$ hitsaukset		_____	_____	_____
- Mag	7	_____		_____
- MMA	7	_____		_____
- Flame-cutting	4	_____		_____
- general look	3	_____		_____
	13	_____		

- WORKING WITH TECHNOLOGY
- use of machinery
- use of measuring instruments
- working method management
- machine adjustmens and welding parameters
- overall appearance

**4 Work speed**      **15** \_\_\_\_\_

- 4 h =15 pist.
- 4,5 h = 12 pist.
- 5 h = 9 pist
- 5,5 h = 6 pist
- 6 h = 3 pist.

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**5 Job place order and security**      **10** \_\_\_\_\_

- the cleanliness of the workplace and the machines
- job order
- systematic work
- safe use of machinery and equipment
- use of protective equipment
- consideration of the environment

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**6 Co-operation skills** \_\_\_\_\_

taking note of the balloons \_\_\_\_\_

**Overall score**      **100** \_\_\_\_\_

**datum and signsture:**

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