

TEST PROJECT FOR JEWELLERY

WSC2015_TP27_FI_EN

Submitted by:

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Member country/region: Finland FI





CONTENTS

This Test Project proposal consists of the following documentation:

WSC2015_TP27_FI_ EN.pdf (Text document and Photographs)

WSC2015_TP27_FI_ EN_01.pdf (Technical drawings)

INTRODUCTION

The objective of this test project is that the competitor should complete each of the four modular exercises.

Modules A, B, C and D, consist of the manufacture of jewellery components, which will be marked independently.

Module D also consists of the final assembly of a complete piece of jewellery using all components from the previous Modules.

DESCRIPTION OF PROJECT AND TASKS

Day 1: Before the beginning of Module A the competitor will be given the permitted metal (solders included) for all exercises, for examination.

At the beginning of Day 1, the competitor may begin work on all modules.

At the end of the allotted time for Module A he/she must hand over the completed or uncompleted jewellery component (for marking). Competitors are permitted to start work on remaining modules.

At the end of Day 1 he/she must hand over all completed or uncompleted jewellery components and all remaining metal (for storage).



Day 2: Before the beginning of Day 2, the competitor will be given the metal remaining from Day 1.

- ☒ At the beginning of Day 2, the competitor may begin work on all remaining Modules.
- ☒ At the end of the allotted time for Module B he/she must hand over the completed or uncompleted jewellery component (for marking). Competitors are permitted to start work on remaining modules.
- ☒ At the end of Day 2 he/she must hand over all completed or uncompleted jewellery components and all remaining metal (for storage).

Day 3: Before the beginning of Day 3, the competitor will be given the metal remaining from Day 2.

- ☒ At the beginning of Day 3, the competitor may begin work on all remaining modules.
- ☒ At the end of the allotted time for Module C he/she must hand over the completed or uncompleted jewellery component (for marking). Competitors are permitted to start work on remaining modules.
- ☒ At the end of Day 3 he/she must hand over all completed or uncompleted jewellery components and all remaining metal (for storage).

Day 4: Before the beginning of Day 4, the competitor will be given the metal remaining from Day 3 and the completed or uncompleted jewellery components for Modules A, B, and C.

- ☒ At the beginning of Day 4, the competitor may begin work on Module D with the final assembly.
- ☒ At the end of Day 4 he/she must hand over the completed or uncompleted jewellery piece
Of Module D with the final assembly piece (for marking) and all remain metal and filings.

At the end of each day, the components will be labelled by a neutral person and marked. The final result will be the sum of the competitor's marks for all four exercises.



INSTRUCTIONS TO THE COMPETITOR

Competitors will receive the metal for all four modules before the beginning of module A, for verification.

Must use only the metal supplied.

- ☒ Competitors must use **only** the metal supplied.
- ☒ Competitors must hand in **all** metal at the end of each day.
- ☒ Components from modules handed in for marking, may not be returned until the beginning of Day 4.
- ☒ Photographs of components may not be taken.

Refer to WSC2015_TD27_EN

EQUIPMENT, MACHINERY, INSTALLATIONS AND MATERIALS REQUIRED

For equipment, machinery and installations refer to section 7 of the Technical Description

(WSC2015_TD27_EN) and Infrastructure List (WSC2015_IL27_EN)



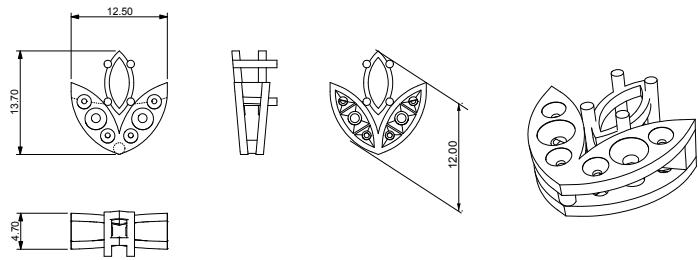
MARKING SCHEME

		MODULE A	MODULE B	MODULE C	MODULE D	TOTA L
A	Similarity to Drawing	6	4	5	5	20
B	Sawing	3	6	8	1	20
C	Soldering	0	6	10	4	20
D	Surface Finish	4	2	2	2	10
E	Dimensions	4	6	5	5	20
F	Completion of Exercise on Time	3	2	2	3	10
Weighting		20	27	32	20	100
Hours		4	5	7	4	20

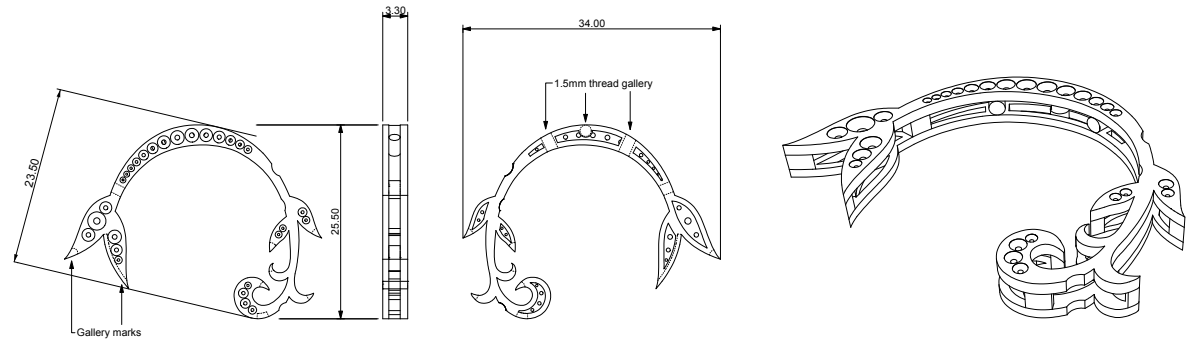
MATERIAL LIST:

1. Yellow gold solder 18 carat (Hard) 1g
2. Yellow gold solder 18 carat (Medium) 1g
3. Yellow gold solder 18 carat (Easy) 1g
4. 18 k Au (y) 3.0 mm round tube (thickness 0,4mm):80mm
5. 18 k Au (y) 2.0mm round wire: 100mm
6. 18 k Au (y) 4.0 mm square wire: 40mm
7. 18 k Au (y) 1.2mm sheet: 40mm x 80mm

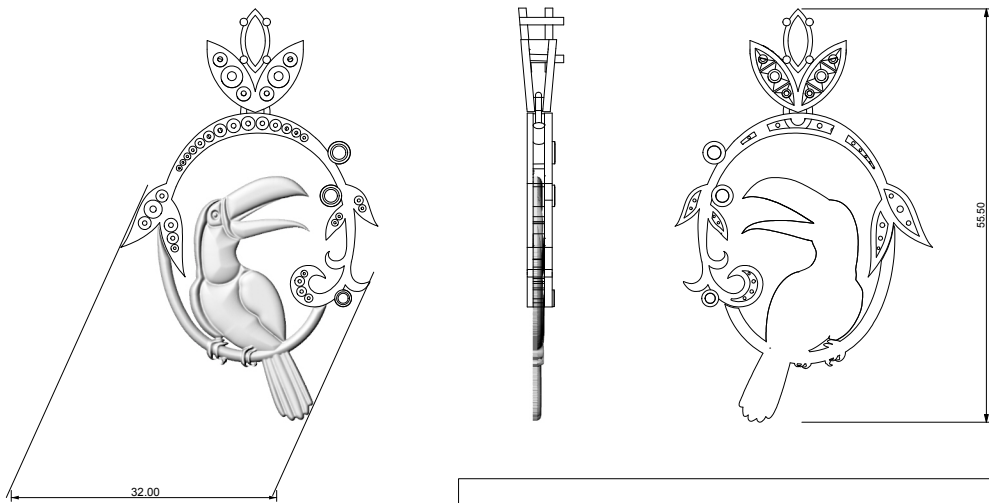
Module 2, 5h



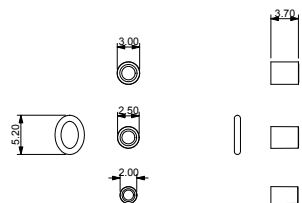
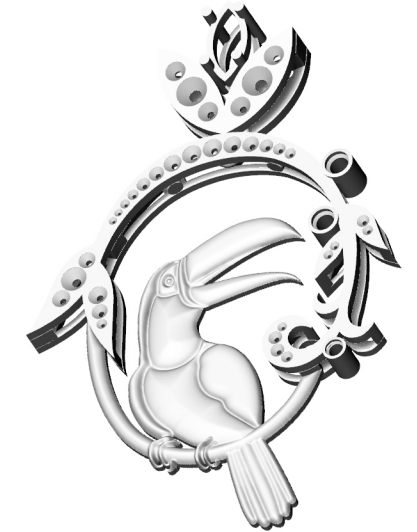
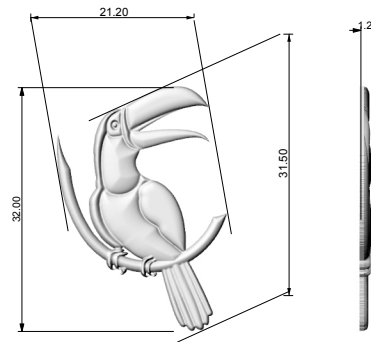
Module 3, 7h



Module 4, 4h
Hoop, tube settings and final assembly



Module 1, 6h
Freehand relief work



Test Project for the 43rd WorldSkills
Competition in São Paulo, Brazil 2015.
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Skill: 27- Jewellery			
Scale: 1:1	Date: 9.4.2015	Paper: A4	
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