

Technical Examination Worksheet*

Name of the Statue:

Date:

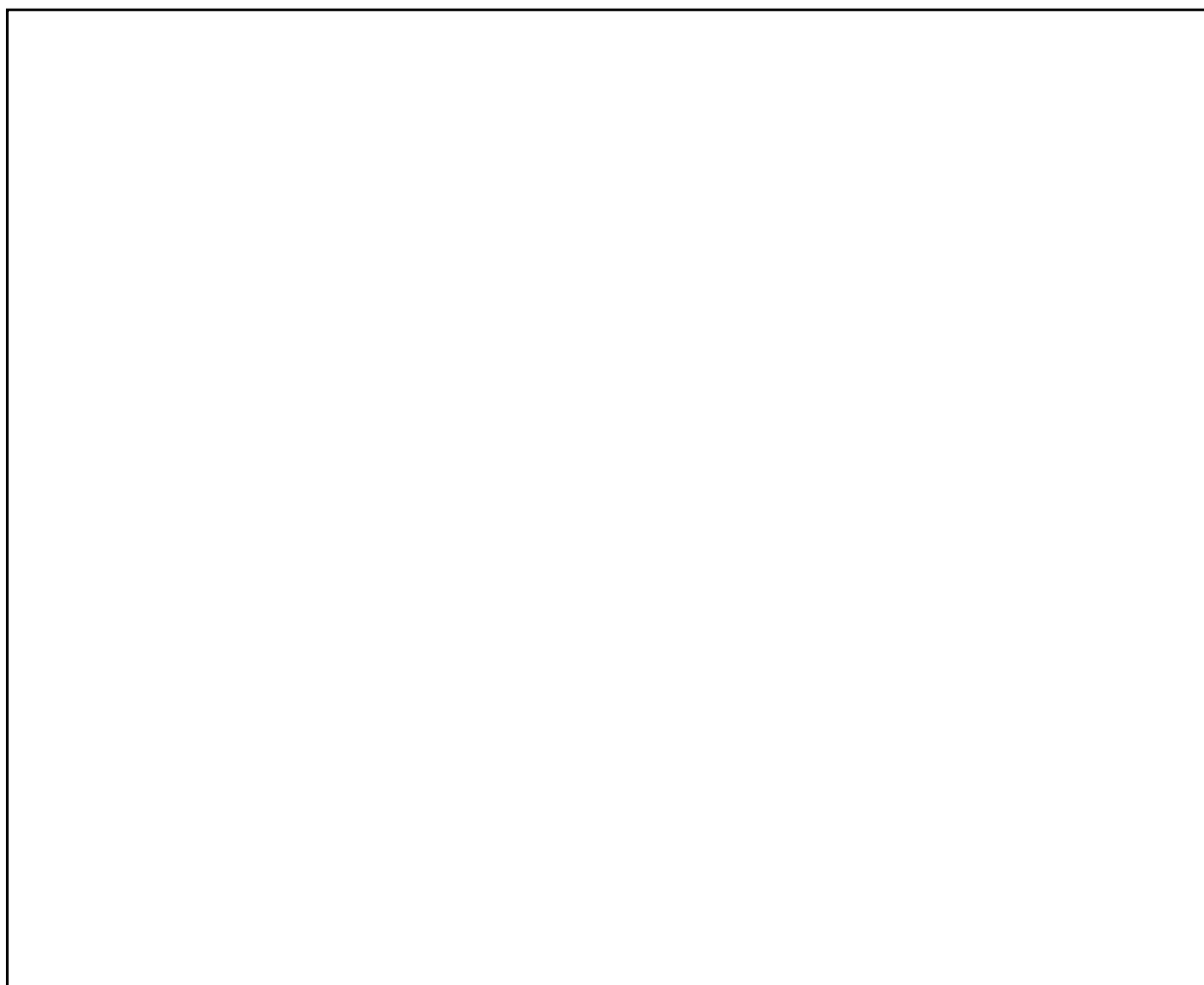
Place:

Sculptor:

Foundry-man:

Size:

Inv.:



* This worksheet was developed by Manon Castelle during her PhD research while at the Centre de Recherche et de Restauration des Musées de France (C2RMF) and during her postdoctoral fellowship (Migeliën Gerritzen Fellowship program) at the Rijksmuseum.

Technical study

Date:

Samples

☐ Copper alloy:

☐ Casting core:

☐ Iron material:

Analyses and types of examination:

☐ Visual Examination (outer and inner volume):

☐ Scientific imaging:

☐ Copper-alloy analysis:

☐ Casting core analysis:

☐ Iron material analysis:

Results

General observations

Hollow / Solid cast:

Solid parts:

Metallurgical / Mechanical assemblies:

Conformity of the outer and the inner volumes (shape of the core) :

Targeted metal thickness:

Wax inter model

Wax-to-wax joints:

Number of sections:

Aspect of the inner volumes:

Shaping (slush moulding, lasagne, cut back core, ...):

Wax before the core? Core before the wax? :

Casting core and armatures

Remains of the casting core:

Type of material:

Shape of the core:

Remaining armatures and evidence of former armatures:

Core pins:

Flaws and repair

Types of flaws:

Quantity of flaws:

Type of repairs:

Quantity of repairs:

Finishing of the statue

Type of finishing:

Degree of finishing:

Material analysis

Copper-based alloy:

Casting core:

Iron material:

Notes

Bibliography