Extended Abstract

Fragment of a Wagon Wheel Hub: Restoration and Conservation [†]

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In order to stop the corrosion process which damaged the wagon wheel hub, it was necessary to perform a thorough and laborious restoration process on it [1].

For achieving this goal, the item was investigated physically and chemically. The results finally determined the diagnosis and the appropriate intervention method.

Therefore, we have selected a restoration flux based on sodium sulfite (Na_2SO_3) and sodium hydroxide (NaOH) desalinization, as the main stage [2].

Following the restoration process, the wheel hub was strengthened, regaining its shape and contour. Its aspect resembled the initial one, thus the artifact was introduced in the exhibition circuit.

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