



# Sample Project: Non-destructive testing of materials

Code	EN5902
Programme	FCT
Department	EN
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## Title

Non-destructive testing of materials

## Description

Within the EN-MME Materials, Metrology and NDT section the selected candidate will participate in the non-destructive testing activities of raw materials and assemblies for present and future accelerators and detectors.

The main activity will be related to ultrasonic testing including contact, immersion and phased array techniques. The trainee will perform everyday inspections in a variety of materials and shapes using all kind of techniques and will participate in the development of specific procedures and reference blocks.

Other techniques available in the service are endoscopy, penetrant testing, radiography and computed tomography.

## Skills

<p>  
Non-destructive testing.</p>  
<p>  
Ultrasonic testing of materials, ISO certifications would be an advantage.</p>  
<p>  
Computed tomography.</p>

## Disciplines

Material Science

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