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**NATIONAL STANDARD OF THE
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**Non-destructive testing-Image processing and communication
of digital radiographic testing**

无损检测 数字射线检测图像处理与通信

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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This document is proposed and coordinated by the National Nondestructive Testing Standardization Technical Committee (SAC/TC56):

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Non-destructive testing digital radiography image processing and communication

1 Scope

This document specifies the general requirements for digital radiographic inspection image processing and communication, the attributes of information objects and information modules:

This document applies to radiographic digital imaging inspection and computer radiographic inspection image processing and communication:

2 Normative reference documents

GB/T 12604

GB/T 21355

GB/T 30821

GB/T 35278

GB/T 37025

3 Terms and definitions

The following terms and definitions as defined in GB/T 12604:11, GB/T 21355 and GB/T 30821 apply to this document: 3:1 Artifact sequence specimenseries A set of information sequences formed by detecting workpieces: 3:2 valuerepresentation VR Specifies the data type and format of the values in the data element's numeric fields: 3:3 valuemultiplicity valuemultiplicity VM Represents the number of values in the numeric field of the data element:

4 Abbreviations

The following abbreviations apply to this document: AT:AttributeTag; CS:CodeString; DA:date(Date);