



The American Society for  
Nondestructive Testing, Inc.



# AURORA

## INSTITUTE &

## INSPECTION SERVICES

Guide for

# VISUAL TESTING



33, Metha Layout, Masakalipalayam Road, Peelamedu, Coimbatore - 004  
Ph : 0422-6566616. Website : [auroraservices.in](http://auroraservices.in)

# Table of Contents

<b>Chapter</b>	<b>Name</b>	<b>Page No.</b>
1	Overview Of Visual Testing	01
2	Vision	24
3	Fundamentals of Light	34
4	Measurement of Light & Lighting Techniques	37
5	Material Attributes & Environmental Factors	43
6	Physiological Factors	47
7	Borescopes & Fiberscopes	56
8	Magnifiers	67
9	Automated Systems	76
10	VT Inspection of Welding/Welding Discontinuities	79
11	Interface of VT with other NDT Methods	86
12	Attachment – I	99