



VIVA | Quality Inspection

<i>CONTENT</i>	OPERATOR-TRAINING	MAINTAINER-TRAINING
INTRODUCTION TO IMAGE PROCESSING	X	X
PRINCIPLE OF ASSEMBLY INSPECTION / INSPECTION PROCESS	X	X
USER INTERFACE	X	X
USER ADMINISTRATION	X	X
STRUCTURE OF THE SYSTEM, CONTROL CABINET	X	X
CAMERAS AND LAMP ARRANGEMENT	X	X
INTERFACES		X
DATA BACKUP		X
DATA STRUCTURE OF THE SOFTWARE		X
PROGRAMMING THE SOFTWARE		X
DATABASE AND PARAMETERISATION		X
IMAGE ACQUISITION PARAMETERS		X
HANDLING OF DETECTION TOOLS AND THEIR PARAMETERISATION/CONFIGURATION		X
CHANGING TOLERANCE THRESHOLDS		X
SETTING UP MEASURING POINTS, TEACHING AND PARAMETERISING DETECTION MODELS		X
SETTING LIMIT VALUES AND REFERENCE VALUES		X
INTRODUCTION TO PROCESS VIEW		X
CALIBRATION CHECK		X
RECALIBRATION		X
ERROR DIAGNOSIS: LOG FILE ENTRIES AND ERROR IMAGES	X	X
ANALYSING THE CAUSES OF ERRORS	X	X
MEASURES TO RESTORE OPERATIONAL READINESS	X	X
DIAGNOSIS OF ERROR IMAGES		X
INTERPRETATION OF ERROR OUTPUTS AND DISPLAYS	X	X
TROUBLESHOOTING AND MALFUNCTIONS	X	X
DETERMINING AND STATISTICALLY ANALYSING RESULTS		X
CLEANING THE PROTECTIVE GLASS ON THE CAMERA AND LAMP HOUSING		X
REPLACING LIGHT FITTINGS AND LAMPS		X
REPLACING CAMERAS		X

Order number	Description	
VIV.01	Operator Training	One-day course, max. 5 participants
VIV.02	Maintainer Training	Two-day course, max. 5 participants