Data sheet

HP Indigo Digital Press 7600

Level 2 Digital Press Operator

This course focuses on the operation and interaction of the mechanical, electronic, fluid and substrate transport systems on the HP Indigo press. Participants will be taught how to apply maintenance skills to resolve problems.

Key Features
Course Title
HP Indigo Digital Press 7600 –
Level 2 Digital Press Operator

Course Length
5 days

Delivery Languages
English, French, Italian, German and Spanish

To Register
You can register to this course or ask for more information at
graphicartstrainingcenter@hp.com

Course Objective
By the end of the training program HP Indigo operators will be able to:

• Understand the functions and interactions of the major subassemblies

• Troubleshoot and repair basic electrical problems

• Troubleshoot and repair mechanical sub systems

• Properly observe safety precautions while diagnosing problems and performing repairs

• Be able to perform mandatory preventive maintenance functions at prescribed intervals

• Perform a system back-up

• Competently maintain the press and minimise service calls

Audience
Qualified HP Indigo operators who will be required to perform service routines that include preventative maintenance, troubleshooting, and corrective maintenance on the HP Indigo Digital Press 7000.

Prerequisite
• Performing preventative and corrective maintenance on complex electromechanical devices"

• Has experience using electronic test equipment

• Has successfully completed the Level 1 D.P.O course for the HP Indigo Digital Press 7000

• Has a minimum of three months experience operating the HP Indigo Digital press 7000

Benefits
• Attendees will be taught techniques to optimize print quality, increase press uptime, and press availability

• Service contract terms tailored to Shared Maintenance customer

• Access to technical phone support

Details Course Outline

Safety Features	Press safety
	Electrical safety
System Overview	Mechanical
	Electrical
	Fluid
Introduction to the Electronics System	Major boards
	Basic components
	Function & control
	Board placement
	DVM basics
	Introduction to wiring diagrams
PC System	Boards & Components
	Disk replacement
	Ghost Back-up
Imaging System	Theory & concepts of the image generation
Electrometer	Theory & concept
	Gap and board calibration
Paper System	Feeder electronics
	Feed Head replacement
	Feeder bridge and skew
	Suction cup margin wizard
	Full placement Wizard
	Grippers and magnets
	PSTB sensors
	Vacuum system
	Duplex Conveyor removal & gap
	Exit roller
	Exit sensors & switches
	Stacker adjustments

Writing Head	Theory & concept
	BID engage & disengage
BID	Theory & concept
	BID engage & disengage
Solid Add Compressor	Physical overview
	Adjustments
	Maintenance
Imaging Oil System	Theory & physical overview
	Reservoir
	Float sensors
	Imaging oil flow rate
	Imaging oil cooling system
	Filters
	Cleaning Station parts
Preventative Maintenance	Monthly
	Impression based maintenance
In Line Densitometers	ILD calibration
Cylinders	1st Transfer adjust & calibration
	2nd Transfer adjust & calibration
	ITM lamp removal
	Encoder calibration
	ITM IR sensor calibration
	Contact brush replacement
	PIP underlayer
Ink System	Theory & physical overview
	Ink pump maintenance
	Ink flow adjustment
	Density & conductivity calibration
Electrical	Wiring diagrams
	Troubleshooting

Why Indigo training from HP?

- The most in-depth Indigo knowledge in the industry — learn from the people who created the technology and the products.

- Highest quality, certified instructors with real-world experience.

- Extensive lab environment for hands-on practice.

- Small class sizes provide hands-on experience.

- State-of-the-art training centres equipped with the latest press, front-end and finishing technologies.

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