HP Indigo Digital Press 7600

Level 1 Digital Press Operator

This 5 days course focuses on the concepts, procedures, and practices required to operate the press safely and effectively. Topics covered include operation of press and DFE station, operator routines, safety precautions, care and preventive maintenance.

Key Features
Course Title
HP Indigo Digital Press 7600 –
Level 1 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 safety and disposal procedures
- Identify the parts and their functions in the HP Indigo 7000 digital press
- Perform daily and periodic maintenance routine
- Perform supplies replacement successfully
- Utilise the DFE (HP SmartStream Production Pro Print Server) and press software to print files
- Understand how colour is controlled within the HP Indigo 7600 digital press
- Successfully print on multiple substrates

Audience
For those individuals who are new to the HP Indigo family of digital offset printing presses and will be assigned to operate the HP indigo 7000 digital press.

Prerequisite
- Candidates should possess the qualities described in "A Guide to Evaluating Core Competencies for Operator Candidates"
- Having a background in printing technology (traditional press operation, prepress, graphic design) and basic computer skills help students excel and are preferred, but are not necessary.

Benefits
Trained HP Indigo Press operators will positively influence press reliability in the following areas:

- Ensure machine stability and dependability by performing routine maintenance, on schedule and according to prescribed procedures
- Maximise productivity while minimising waste and maximising consumable life by monitoring the printing process, recognising output problems, and implementing the appropriate corrective actions
- Achieve optimum print quality by understanding the machines capabilities

Details Course Outline

Safety Features	Press safety
	Removal and disposal of waste materials
System Overview	Parts removal and replacement
	Overview of press components
	Overview of press and DFE software
	Press specification
	Flow of imaging oil
	Flow of ink
DFE Software	Ripping files
	Managing jobs
	Job Editor
Press Software	Touch panel UI
	On-line Help
	On Press Documentation
	Basic Press Configuration
	Night Mode
Handling of Supplies	Ink
	Imaging Oil
	Recycling Agent
	Photo Imaging Plate (PIP) handling and troubleshooting
	BID handling and troubleshooting
	Blanket handling and troubleshooting
	Impression film
	PIP Underlay replacement overview
	Supplies barcodes
Press Maintenance	Start of Day Routines
	End of Day Routines
	Press periodic Routines

Pressure Adjustment	1st Transfer Adjustment
Colour Control	Short Colour Calibration
	Full color calibration
	Colour Look Up Tables (LUT)
	Colour match
	Colour mapping
	Multiple hits of colour
	High Definition Imaging (HDI)
Paper Feed	Loading substrates
	Working with substrate definitions
	Feeder and Stacker setup procedures
	Image Placement
	Front to Back Registration
Substrate Theory	Substrate treatment
	Substrate certification
	Substrate properties
	Substrate handling
	Environmental controls
Press Maintenance	Start of Day Routines
	End of Day Routines
	Press periodic Routine
Advanced Topics	Chiller Operation/Maintenance
	BID Engage/Disengage
	Imaging Oil Flow Rate
	Ink tank Replacement
	IO filters replacement
	Ozone filters replacement
	Carbon brushes replacement
	Diagnostic tools (HP Indigo Print Care)

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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