

HP Indigo Digital Press 7800

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 7800 -
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 7800 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	Pressure Adjustment	1 st Transfer Adjustment
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	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)
DFE Software	Ripping files Managing jobs Job Editor	Paper Feed	Loading substrates Working with substrate definitions Feeder and Stacker setup procedures Image Placement Front to Back Registration
Press Software	Touch panel UI On-line Help On Press Documentation Basic Press Configuration Night Mode	Substrate Theory	Substrate treatment Substrate certification Substrate properties Substrate handling Environmental controls
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 Routine
Press Maintenance	Start of Day Routines End of Day Routines Press periodic Routines	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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