

# Site Compliance Background and Details

## Review of the NA IJS Red Carpet Installation Guide

- All Printer Specification Documents referred to are available at <https://inkjet.support.efi.com/>.

## Delivering, Unpacking, and Installing

- Heights and widths of all hallways and doorways en route to installation site exceed required measurements of crated printer. Pathways are cleared to system final position.
- Provide an accessible loading dock that meets the requirements of a tractor trailer and the equipment being delivered: 44" minimum – 52" maximum.
- Schedule system delivery, use of freight elevators, and access to a receiving dock with building management. EFI recommends hiring licensed and insured rigging services to unload and place all Inkjet equipment.
- Required equipment used to move system throughout facility as defined by EFI. Located in Printer Specification Document and Printer Shipping Placard.
- EFI personnel must be present for riggers to move any portion of the crated or uncrated equipment.

## Flooring

- Floor is stable, vibration free, concrete, and adequate to support the weight of the printer.
- Floor must be level to within the specifications found in Printer Specification Document.
- Carpet is not recommended.
- Flooring must be non-conductive, lint- and static-free.

## Power

- All power must be configured and confirmed for connection to the printer on day one of installation.
- Electrician shall be onsite and available as rigger positions the equipment.
- Supplied power must meet printer specification at installation and at all times while system is in production. All electrical hook-ups and wiring to be performed by qualified electrician. EFI does not provide electricians as part of system installation and integration.
- Power cables are not included with the printer and must be supplied by the customer in accordance to local electrical code and printer specification.
- Power feeds and returns must be installed according to local, state, and country electrical code requirements.
- Single-point ground to an isolated facility ground required. Size shall be determined by local code requirements.

## Heat, Humidity, and Ventilation

- EFI strongly recommends securing a qualified HVAC (Heat, Ventilation and Air Conditioning) expert to ensure the site meets all system requirements. Each operation has unique characteristics which make pre-defining ventilation requirements nearly impossible. Printer specifications define recommended heat and humidity ranges for the print system, as well as the heat generated by the system. The site design must take into account the need for heating, cooling, humidity management, and potentially the removal of heat if internal temperatures cannot be maintained to EFI Inkjet specifications.

## Compressed Air (where applicable)

- Compressed air must meet printer specification (pressure, flow rate, oil/water/particulate cleanliness) at installation and at all times while system is in production.
- Compressed air must be available for connection to the printer on day one of installation.
- EFI will perform air quality tests during installation. Air quality system failures will result in the suspension of the installation.

## Media Substrates and Materials

- Standard production material must be onsite prior to installation.
- Material thickness, width, and length must be within the equipment design specifications.
- Material must be sufficiently flat and curl free.

## Operational Modes and Speeds

- EFI Inkjet systems are designed to provide a range of operational modes and speeds to enable output quality which meets a range of applications. In general, the slower the speed, the greater the quality.

## Consumables: Ink, Substrates, and Other Supplies

- Ink and daily operations supplies for start-up are included in the Installation Starter Kit.
- Production ink and supplies must be onsite prior to the system installation.
- Appropriate storage space is available for all ink, media, and substrate materials. Ink, media and other substrate material must be stored in a controlled temperature/humidity environment which is consistent with the manufacturer's recommendations.

## Training

- Operators have attended (or are scheduled and will attend) EFI Inkjet Solutions courses as defined in the training plan.