



DST Systems Printer Power Installation at the KC Print Facility

CLIENT

DST Systems Inc.

LOCATION

Kansas City, Missouri

PROJECT DESCRIPTION

DST Systems, Inc. is a leading provider of strategic advisory, transformative technologies, and operations outsourcing to the financial and healthcare industries. Relying on deep industry knowledge, critical infrastructure, and service excellence, DST helps companies master the escalating complexity of customer, business and regulatory requirements.

B&M SCOPE OF WORK

Black & McDonald (B&M) was contracted by DST to install all the electrical power requirements for three new printing machines. These Vario Stream Printers are not average units: these machines require multiple power sources and are of industrial grade.

BENEFITS TO CLIENT AND PROBLEMS SOLVED

Due to the nature of the facility, where it operates 24/7/365, shutting down the electrical power was not an option. B&M was required to install new breakers in two separate panels. In order to do this installation safely and in compliance with NFPA 70 Standards, the technicians used the proper protective Arc Flash safety gear. The particular level of flash present was provided at the panel location by the owner from a previous Arc Flash Study it had completed as per the NFPA 70 recommendations. This installation was carefully planned and executed with no incidents occurring. This project was completed on time and to the customer's satisfaction.

INNOVATIVE PROCESS AND TECHNOLOGY USED

The B&M team installed 2.5 ft. EMT conduits from strategically placed power panels to the new location of the printers. These conduits were installed 25 ft. in the air requiring our tradespersons to work from elevated platforms. There were various elevation transitions throughout requiring B&M technicians to make specific bends in the conduit. Once all of the conduits and fittings were installed the technicians pulled in the electrical conductors.