JULY 2007

CASE HISTORY

P&S PLUGTAIL™ WIRING DEVICES — HEALTHCARE

P&S devices aid Contra Costa Electric on Kaiser Permanente medical center construction

Kaiser Permanente, America's leading integrated healthcare organization, offers medical services in nine states and Washington, DC. Kaiser Permanente's northern California region includes 19 major medical centers, serving more than 3.2 million members. Nearly 60,000 physicians, nurses and staff provide quality care to enhance the well-being of people and communities in this region alone.

In late July 2004 construction began on Kaiser Permanente Antioch Medical Center, a 660,000-square-foot facility expected to bring 1,400 jobs to East Contra Costa County, CA. The facility will house six operating rooms, 36 emergency treatment bays and 166 beds. Patients will have access to emergency, intensive care and neonatal intensive care treatments with state-of-the-art medical technology.

"...no worries about all the wires being painted the same color."

Contra Costa Electric, Inc. (an Emcor Company) managed the $30 million electrical portion of the project. The facility required thousands of electrical installations. The Contra Costa Electric team, led by Project Manager Marty Potter and General Superintendent Rich Jorgensen, sought innovative devices to ensure productivity, safety and reliability. CCE trusted Wiremold/Legrand® and Pass & Seymour/Legrand devices, like Wiremold Raceway and P&S Hospital Grade GFCIs — which meet the 2006 UL 943 GFCI safety standard. CCE used P&S devices and Wiremold raceway for every installation, including a product line that CCE hadn't used before — P&S PlugTail™ Wiring Devices.

The P&S PlugTail design features a connector of pre-wired, 6-inch leads that allows the receptacle to be "plugged in," instead of terminating the standard hot, neutral and grounded pigtails in the box. There's no taping of exposed wires, tightening terminals, or stripping, looping and over- or under-stripping conductors.

This safe, fast, consistent and reliable installation method seemed like a smart choice for the project, and Potter requested a spec substitution permitting P&S PlugTail usage. The substitution was approved, and CCE benefited greatly from the increased productivity and safe installation process.

"The biggest advantage was at the trim-out phase. There's no fishing for wires and no worries about all the wires being painted the same color," Potter said. "With PlugTail, any installation issues are handled quickly and safely."

CCE finished the two-and-a-half-year project on schedule and will continue to consider using P&S PlugTail on future jobs.

"PlugTail is a great product and a great advancement for the industry," Potter said.

Other Kaiser Permanente facilities already use P&S PlugTail devices, including the Kaiser Permanente West Los Angeles and Sand Canyon medical centers. Kaiser Permanente Antioch Medical Center is scheduled to open in November 2007, and P&S GFCIs and PlugTails will demonstrate their respective values for safety, efficiency, speed and simplicity in every application.

COMPANY:
Contra Costa Electric, Inc.
(an Emcor Company)
Headquarters: Martinez, CA

CONTACT:
Marty Potter, Project Manager

EMPLOYEES ON PROJECT: 85

PROJECT:
Kaiser Permanente Antioch Medical Center, Antioch, CA — $30 million in electrical, 660,000 square feet

P&S INSTALLATIONS:
Approximately 10,000

PROBLEM:
Contra Costa Electric sought innovative devices to ensure efficient, safe, reliable installations.

SOLUTION:
The easy P&S PlugTail installations made the trim-out phase faster and safer. Contra Costa Electric used P&S devices for every installation, knowing their quality would benefit the facility for years to come.

designed to be better.™

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