Transworld inc
ELECTRICAL CONTRACTORS

Proactive > Reactive

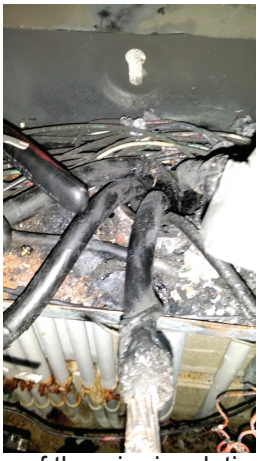
"TEGG is a preventive maintenance program can help protect your electrical distribution system and your entire facility. Our customized solutions pay for themselves by helping to prevent unplanned power outages and fires caused by electrical failures."

Transworld, Inc. was recently contacted by a local hotel when a critical part of their electrical distribution system failed. Hotels are dependent on their electrical system to ensure that their facility will operate continuously and safely: lighting, computer systems, HVAC, guest rooms' appliances, pools, laundry, etc. Transworld, Inc. was successful in repairing this quickly but this problem would have been avoided if there had been preventative maintenance.

Overview of the Electrical Failure:

The combination of corrosion within primary conductors and loose connections within the distribution panel in the pump room resulted in overheating due to arcing, a breakdown of the wire insulation, and finally a dead short circuit. This panel serves the laundry room, spa, pool, and fitness center.

Corrosion within the primary conductors



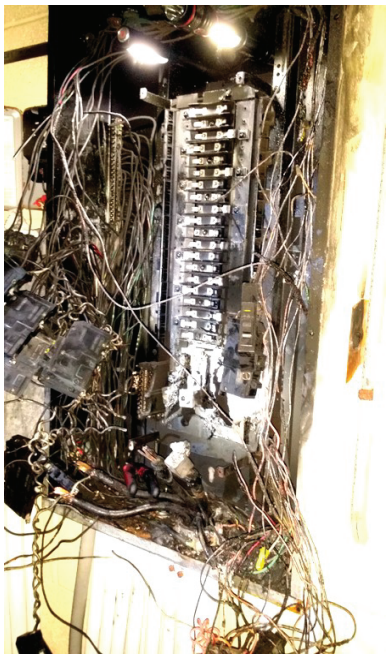
Breakdown of the wire insulation

The Fix:

Transworld, Inc. was able to bypass the panel to make the laundry, fitness center, and spa work in 9 hours but the pool was down for 8 days. The replacement cost was $10,000 for a new panel and damaged conductors, including expedited freight and overtime. This does not include the loss the hotel incurred in productivity, reputation, and fire/safety risks.

Preventative Maintenance Program: Is the Solution!

The cost to fix it prior to shorting would have been less than $500, saving a lot money but equally important, would have limited productivity losses and fire/safety risks. Transworld's preventative maintenance programs start at under $2,000.



Before

During

After