

	Lessons	Learned
Date:	1/9/2023	Region: Seattle, WA
Proiect:	Lotte Hotel	Incident Title: Service Plumber Shocked
	Summary	Picture
An Apollo Se Water Heate employee sh was already the unit that water. The A to the fact he difference ins unit. As the e shown in the panel, the en supplied with Although the known the ar was not injur supervisor ar	ervice Plumber was servicing a Hubbell r Booster at the Lotte Hotel. When the owed up, he stated that the electrical cover removed as he was asked to troubleshoot was currently not putting out enough hot Apollo employee was not wearing gloves due e wanted to feel if there was a temperature side the heating chambers, vs outside of the employee placed his right hand on the unit as picture, and touched the outside of the nployee was shocked by the unit which was a 480 Volts out of a 20-amp breaker. amps of the power source were not directly nps were enough to be deadly. Employee ed; however, he immediately notified his nd safety to seek medical evaluation.	
	What Went Right?	What Went Wrong?
• Empl so he	oyee notified his supervisor and Apollo safety could be further evaluated after a shock.	<ul> <li>Employee had not been trained in electrical safety procedures.</li> <li>Panel was removed before technician arrived on site. Any warning labels on the outside of the panel would have not been seen.</li> <li>Employee exposed himself to live electrical with a powered up open panel.</li> <li>Due to the lack of training, the employee did not have any electrical PPE on.</li> </ul>
	Lessons	Learned
<ul> <li>All ne expect</li> <li>If an erequire</li> <li>A clair</li> </ul>	w hire employees must be trained appropriate cted work practices. All service technicians sl electrical panel must be opened, the power s res the technician to work with live power, the mp on temperature reading tool is available t	tely for the hazards that they may be exposed to for their nall receive electrical awareness training at a minimum. hall be shut down and locked out. If troubleshooting appropriate level of PPE must be worn. hat would've allowed the employee to troubleshoot

- temperature differences without placing his hands on the unit while live.Employees required to work on live power must be NFPA 70e trained.
- If an employee is shocked, a medical evaluation is required to eliminate possible heart damage.