

Sensor tracks environmental health risks to construction workers

SmartSite's connected health monitoring tool logs worker exposure to hazards and provides immediate alerts when safe levels are exceeded.

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A lot of recent developments in health and safety have focused on wearables, like these [injury-preventing sports collars](#) and [inflatable water-safety shirts](#). For construction workers, however, who wear bulky safety equipment, wearables are tricky to use. On-site health and safety monitoring is easier, although generally expensive. Startup [SmartSite](#) has developed a health-tracking tool that is portable, easy to set-up and use and that provides real-time updates.

Connected to the cloud, the SmartSite safety monitoring tool checks environmental hazards such as noise, pollutants and UV levels. On-site and remote alerts are issued if safe levels of any hazard are exceeded. Available in early 2017, SmartSite is developing additional accessories to make the tool usable in a wide variety of conditions. As wearables get tougher, could smart safety equipment be a key development in more efficient construction?

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