

CLAIMS

1. A safety system for scaffolding on a construction site, the scaffolding having a plurality of elongate scaffolding elements connected together by a plurality of couplers to form a scaffolding structure; one or more elements connected to one or more base plates supporting the structure on a surface;

at least two safety monitors, said monitors spaced apart about said structure,
each said monitor having a power source, a sensor and a transmitter; said sensor sensing movement in said structure and transmitting a signal to a receiver to indicate movement in the structure.

2. The safety system of claim 1, wherein the monitor is connected adjacent a said coupler.

3. The safety system of claim 1, wherein the monitor is connected adjacent a said base plate.

4. The safety system of claim 1, wherein said receiver is located at a monitoring station at said construction site, the monitoring station translating the signal and transmitting resultant translated information to a receiving software application.

5. The safety system of claim 4, wherein said receiving software application is accessible via a desktop and/or a mobile device.

6. The safety system of claim 1, wherein said monitor is fastened by a fastener about said element and/or said coupler.

7. The safety system of claim 6, wherein said fastener includes an electrical wire that is lashed to said structure limiting access to the element and/or coupler and registering a change in state by way of the sensor should the wire be tampered with.

8. The safety system of claim 1, wherein each said monitor transmits a signal to said monitoring station to provide the receiving software with information regarding a status of the monitors.

9. The safety system of claim 1, wherein at least one said monitor includes a visual and/or audible alert should movement of said structure be sensed by said receiver.