WHAT IS CLAIMED IS:

1. A method, comprising:

receiving, by a system, one or more environmental measurements associated with a workplace;

receiving, by the system, one or more physiological measurements associated with a worker,

the one or more physiological measurements being different from the one or more environmental measurements;

generating, by the system, a safety score for the worker based on the one or more environmental measurements and the one or more physiological measurements; and

providing, by the system, an alert, regarding the worker, based on the safety score.

2. The method of claim 1, further comprising:

receiving work information associated with the worker or the workplace,

the work information being different from the one or more physiological measurements and the one or more environmental measurements; and

where generating the safety score further comprises:

generating the safety score based on the work information.

3. The method of claim 2, where the work information includes at least one of:

a type of work associated with the worker,

a work schedule associated with the worker,

a work history associated with the worker,

layout information associated with a layout of the workplace, or

equipment information associated with equipment located in the workplace.

4. The method of claim 2, where receiving the work information comprises:

obtaining a model of behavior of the worker over time;

determining, based on the model, whether the worker is behaving normally or abnormally; and

generating the work information based on determining whether the worker is behaving normally or abnormally.

5. The method of claim 1, where receiving the one or more environmental measurements comprises:

receiving the one or more environmental measurements from one or more environmental sensors located in the workplace.

6. The method of claim 1, where receiving the one or more physiological measurements comprises:

receiving the one or more physiological measurements from one or more wearable devices worn by or carried by the worker.

7. The method of claim 1, where the safety score indicates at least one of:

a current risk level associated with the worker, or

a predicted future risk level associated with the worker.

8. The method of claim 7, where providing the alert comprises:

providing a recommendation to mitigate the current risk level or the predicted future risk level.

9. A device, comprising:

one or more environmental sensors to obtain one or more environmental measurements associated with a workplace,

one or more physiological sensors to obtain one or more physiological measurements associated with a worker located in the workplace,

the one or more physiological measurements being different from the one or more environmental measurements;

at least one of:

a communication interface to provide the one or more environmental measurements and the one or more physiological measurements and to receive an alert based on a safety score generated using the one or more environmental measurement and the one or more physiological measurements, or

one or more processors to generate the safety score based on the one or more environmental measurements and the one or more physiological measurements; and

an output component to output a signal based on receiving the alert or generating the safety score.

10. The device of claim 8, where the device is a wearable device worn by the worker.

11. The device of claim 8, where the device includes the communication interface and the one or more processors; and

where the one or more processors are to:

determine whether the device is in communication with a remote device capable of generating the safety score and providing the alert; and

selectively generate the safety score based on determining whether the device is in communication with the remote device,

the safety score being generated by the one or more processors when the device is not in communication with the remote device.

12. The device of claim 8, where the communication interface is to:

receive work information from a remote device,

the work information being different from the one or more environmental measurements and the one or more physiological measurements; and

where the one or more processors are to:

generate the safety score based on receiving the work information from the remote device.

13. The device of claim 8, where the one or more processors are to:

identify one or more proximate devices in communication with the device; and

where the output component is to:

output the signal to the one or more proximate devices.

14. The device of claim 8, where the one or more processors are to:

identify one or more proximate devices in communication with the device; and

where the output component is to:

output information that identifies the one or more proximate devices.

15. The device of claim 8, where the output component, when outputting the signal, is to:

output a visible signal or an audible signal.

16. A non-transitory computer-readable medium storing instructions, the instructions comprising:

one or more instructions that, when executed by one or more processors, cause the one or more processors to:

receive one or more environmental measurements associated with a workplace;

receive one or more physiological measurements associated with a worker,

the one or more physiological measurements being different from the one or more environmental measurements;

generate a safety score for the worker based on the one or more environmental measurements and the one or more physiological measurements; and

provide information regarding the worker based on the safety score.

17. The non-transitory computer-readable medium of claim 15, where the one or more instructions, when executed by the one or more processors, cause the one or more processors to:

receive work information associated with the worker or the workplace,

the work information being different from the one or more physiological measurements and the one or more environmental measurements; and

where the one or more instructions, that cause the one or more processors to generate the safety score, cause the one or more processors to:

generate the safety score based on the work information.

18. The non-transitory computer-readable medium of claim 15, where the one or more instructions, that cause the one or more processors to provide the information regarding the worker, cause the one or more processors to:

provide an alert to a wearable device worn by or carried by the worker.

19. The non-transitory computer-readable medium of claim 15, where the one or more instructions, that cause the one or more processors to provide the information regarding the worker, cause the one or more processors to:

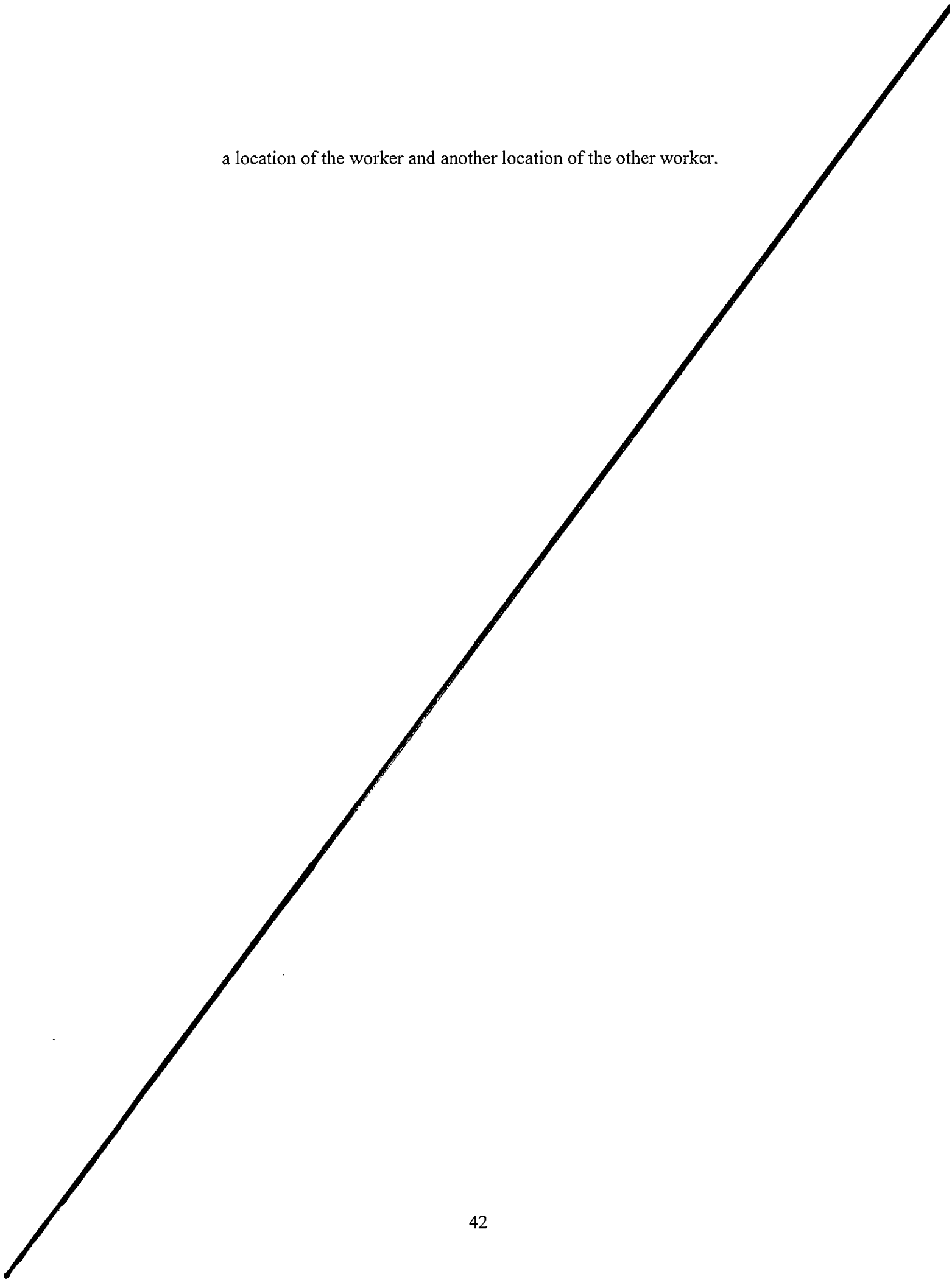
provide the information for display by a user interface that provides an alert, regarding the worker, based on the safety score.

20. The non-transitory computer-readable medium of claim 15, where the one or more instructions, that cause the one or more processors to generate the safety score for the worker, cause the one or more processors to:

generate the safety score for the worker based on at least one of:

another safety score calculated for another worker, or

a location of the worker and another location of the other worker.



WHAT IS CLAIMED IS:

1. A device, comprising:

one or more environmental sensors to obtain one or more environmental measurements associated with a workplace,

one or more physiological sensors to obtain one or more physiological measurements associated with a worker located in the workplace,

the one or more physiological measurements being different from the one or more environmental measurements;

a communication interface to provide the one or more environmental measurements and the one or more physiological measurements and to receive an alert based on a safety score generated using the one or more environmental measurement and the one or more physiological measurements, and

one or more processors to generate the safety score based on the one or more environmental measurements and the one or more physiological measurements; and

an output component to output a signal based on receiving the alert or generating the safety score.

2. The device of claim 1, where the device is a wearable device worn by the worker.

3. The device of claim 1, wherein the one or more processors:

determine whether the device is in communication with a remote device capable of generating the safety score and providing the alert; and

selectively generate the safety score based on determining whether the device is in communication with the remote device,

the safety score being generated by the one or more processors when the device is not in communication with the remote device.

4. The device of claim 1, where the communication interface is adapted to:
receive work information from a remote device,

the work information being different from the one or more environmental measurements and the one or more physiological measurements; and
where the one or more processors are to:

generate the safety score based on receiving the work information from the remote device.

5. The device of claim 1, where the one or more processors:
identify one or more proximate devices in communication with the device; and
where the output component is adapted to:

output the signal to the one or more proximate devices.

6. The device of claim 1, where the one or more processors:

identify one or more proximate devices in communication with the device; and where the output component is to:

output information that identifies the one or more proximate devices.

7. The device of claim 1, where the output component, when outputting the signal: outputs a visible signal or an audible signal.

8. A method, comprising:

receiving, from the device of claim 1, one or more environmental measurements associated with a workplace;

receiving, from the device of claim 1, one or more physiological measurements associated with a worker,

the one or more physiological measurements being different from the one or more environmental measurements;

generating, by the communication interface or the one or more processors, a safety score for the worker based on the one or more environmental measurements and the one or more physiological measurements; and

providing, by the device, an alert, regarding the worker, based on the safety score.

9. The method of claim 8, further comprising:

receiving work information associated with the worker or the workplace,

the work information being different from the one or more physiological measurements and the one or more environmental measurements; and

where generating the safety score further comprises:

generating the safety score based on the work information.

10. The method of claim 9, where the work information includes at least one of:

a type of work associated with the worker,

a work schedule associated with the worker, a work history associated with the worker,

layout information associated with a layout of the workplace, or

equipment information associated with equipment located in the workplace.

11. The method of claim 9, where receiving the work information comprises:

obtaining a model of behavior of the worker over time;

determining, based on the model, whether the worker is behaving normally or abnormally; and

generating the work information based on determining whether the worker is behaving normally or abnormally.

12. The method of claim 8, where receiving the one or more environmental measurements further comprises:

receiving one or more environmental measurements from one or more environmental sensors located in the workplace.

13. The method of claim 8, where the safety score indicates at least one of:

a current risk level associated with the worker, or

a predicted future risk level associated with the worker.

14. The method of claim 13, where providing the alert comprises:

providing a recommendation to mitigate the current risk level or the predicted future risk level.

15. A non-transitory computer-readable medium used in conjunction with the device of claim 1 and storing instructions, the instructions comprising:

one or more instructions that, when executed by one or more processors, cause the one or more processors to:

receive one or more environmental measurements associated with a workplace;

receive one or more physiological measurements associated with a worker,

the one or more physiological measurements being different from the one or more environmental measurements;

generate a safety score for the worker based on the one or more environmental measurements and the one or more physiological measurements; and

provide information regarding the worker based on the safety score.

16. The non-transitory computer-readable medium of claim 15, where the one or more instructions, when executed by the one or more processors, cause the one or more processors to:

receive work information associated with the worker or the workplace,

the work information being different from the one or more physiological measurements and the one or more environmental measurements; and

where the one or more instructions, that cause the one or more processors to generate the safety score, cause the one or more processors to:

generate the safety score based on the work information.

17. The non-transitory computer-readable medium of claim 15, where the one or more instructions, that cause the one or more processors to provide the information regarding the worker, cause the one or more processors to:

provide an alert to a wearable device worn by or carried by the worker.

18. The non-transitory computer-readable medium of claim 15, where the one or more instructions, that cause the one or more processors to provide the information regarding the worker, cause the one or more processors to:

provide the information for display by a user interface that provides an alert, regarding the worker, based on the safety score.

19. The non-transitory computer-readable medium of claim 15, where the one or more instructions, that cause the one or more processors to generate the safety score for the worker, cause the one or more processors to:

generate the safety score for the worker based on at least one of:

another safety score calculated for another worker, or

a location of the worker and another location of the other worker.