



Psyfactors Situational Safety Awareness SSA Inventory (MINING) v4.1 DEMO FILE



Client: SSA Demo File

Results for Survey 10248 SSA Inventory (MINING) v4.1 DEMO FILE completed on 09/12/2007 10:22:15

Respondent Name: FRANCOISE Worker **Date of Birth:** //

Tel: 03 1111 2222 **Email:** francoise@bhpbilliton.com **Address:** TXXXX

Position: GENERAL **Location:** ALL

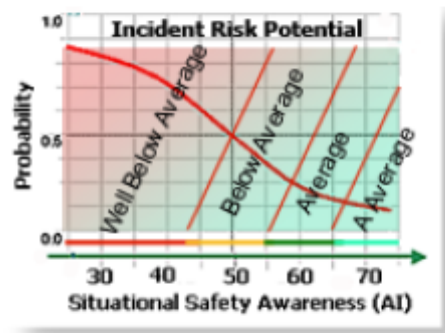
Summary Results

Time Adjusted Assessment Index: 60 Result = Average

RESULTS SUMMARY:

The Situational Safety Awareness test addresses the ability to see and understand external risks and personal vulnerability to failure of attention, vigilance, defense and responsiveness due to a variety of human factors.

FRANCOISE's results indicate an average to good capacity to maintain her situational awareness and master or cope with the safety needs of the role.



FRANCOISE reports a greater competency in

- Seeing the self as being actively responsible for the safety of self and others
- Avoiding risky situations that are beyond own skills
- Avoiding expedient deviation from rules and procedures
- Being able to avoid loss of perception and vigilance with failure of presence of mind
- Anticipating the hazardous effect of distractions, fatigue and variable diligence in self and others
- Being able to notice when various human factors are impacting own mental and physical performance



FRANCOISE's results indicate that caution should be exercised with respect to tasks requiring competent skills in

- Anticipating the danger in the most common types of workplace safety incidents
- The capacity for mental and visual sharpness to detect the unusual or sudden events in common contexts

The respondent's risk of loss of situational awareness (SA) can be determined by transferring the Ai score to the 'risk probability curve' on the graph. An Ai score of less than 50 would suggest a greater or growing risk of loss of SA with stress, fatigue and other disruptive factors. An AI score greater than 55 provides for increasing certainty of safe behaviour.

The excess test time adjusted Ai score may be used to more accurately compare the result against the norm.

PERSONAL STATUS

Positive Coping Skills :

Involves the stability of mood and affect of the person as it impacts safety oriented behaviour by way of their diligence, alertness and situational awareness, energy and responsiveness in addition to the adequacy of interaction with others.

- Above Average
- Average
- Below Average

Mental Alertness :

The cognitive capacity scale measures the individuals prevalence of failure in mental functioning as evidenced by every day slips in perception, memory and physical functions. The person subject to cognitive failure shows up as easily distracted with poor short term memory and a tendency to clumsy uncoordinated behaviour. Cognitive failure can be seen to make the person vulnerable to errors of omission and through frustration to expedient behaviour resulting in safety violations.

- Above Average
- Average
- Below Average



SAFETY ATTITUDES

Risk Avoidance :

Considers the tendency for the individual to purposefully seek out, respond to or avoid situations that are uncontrollable, require considerable skill, represent 'quick and dirty' approach to work or may result in punitive action. Higher scorers indicate the capacity to observe the rules, follow procedures and maintain a consistent degree of integrity in their approach to the work.

Above Average

Average

Below Average

Responsible for Safety :

Involves the perception and belief the individual has in their ability to guide and influence what happens to them and others in the context of safety. Behaviour range is from the passive to the proactive with regards to safety.

Above Average

Average

Below Average

Safety Conscientiousness :

Involves the extent to which the individual is likely to display diligent and conscientious behaviour, avoiding rule breaking, expediency, group pressure and careless acceptance of others work to ensure consistently safe outcomes for themselves.

Above Average

Average

Below Average

Team & Road Safety Orientation :

Addresses the readiness and capacity for the individual to respect and care for other road users, display patience and encourage safety by example.

Above Average

Average

Below Average



SAFETY COMPETENCY

Safety Habits :

Situational Awareness refers to the degree of accuracy by which one's perception of the current environment mirrors reality. Involves monitoring developments resources, weather, fatigue, personality conflicts, etc.. Anticipates required actions. Asks the right questions. Tests assumptions, confirms understanding. Monitors workload distribution. Reports fatigue, stress and overload in self and others. Generally, has 'presence of mind' such that most events seem to be expected.

- Above Average
- Average
- Below Average

Understands Driver Fatigue :

Concerns the extent to which individuals are alert to hazards related to sleep debt and generalised fatigue on personal performance also reflecting an understanding of the effect of stimulants, sleep loss, effect of age and various other symptoms on ability to perform at an adequate level, so as to remain safe whilst operating mobile equipment.

- Above Average
- Average
- Below Average

Safety Self Awareness :

The self awareness scale identifies the individuals knowledge of the effects of various stressors to reduce their capacity to function and maintain alertness to safety on the job.

- Above Average
- Average
- Below Average

General Hazard Awareness :

A sequence of work place contexts representing expedient measures, hazards due to poor housekeeping, carelessness and specific and machine safety issues, designed to identify the respondents ability to identify hazardous circumstances as a test of alertness and understanding of basic safety issues.

- Above Average
- Average
- Below Average

Perception & Comprehension :

The perceptual acuity component assesses perception and judgment of images and textual propositions in the context of low contrast, detail perception, verbal ideation, identification with distraction and object sequencing, to elicit the ability to detect the unusual in a visual or cognitive context. Very low scorers would tend to have more difficulty distinguishing aspects in their environment that may represent or develop into a hazard.

- Above Average
- Average
- Below Average