



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 (D/M/Y):** //

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

Position: GENERAL **Location:** ALL

Summary Results

Assessment Index (Overall Score) calculated as: 60
Index: 60

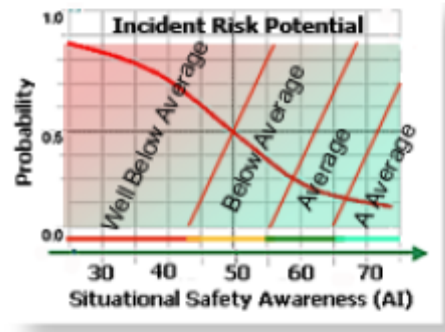
Time Adjusted Assessment

Time taken to complete this survey: 32 minutes Expected Time: 35 minutes Time Adjust: -3 min

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.

INTERVIEW GUIDE & ALERTS:

Perceptual Difficulties FRANCOISE's performance on the test items indicating perceptual acuity was at the lower level indicating possible prior issues with health, age or fatigue. For example, a prior surgical operation or incident where a head injury was sustained, in particular, may slow both perceptual (see and think) and visual (see only) acuity. Compare FRANCOISE's scores on the Mental Alertness and Perception and Comprehension scales for further evidence.

PERSONAL STATUS

Positive Coping Skills :

FRANCOISE's coping skills are reported as being in the low average to average range indicating generally good emotional stability and capacity to remain positive, assisting her personal recovery, vigilance and response under stress. FRANCOISE's presentation would be generally marked by an active attempt to cope and keep perspective by making light of things.



Mental Alertness :

FRANCOISE reports an above average capacity to maintain full and alert functioning with a very low tendency to be distracted or likely to forget things or experience clumsy behaviour leading to errors of omission and safety violations.



SAFETY ATTITUDES

Risk Avoidance :

FRANCOISE reports a clear need to avoid situations that are personally challenging, uncontrollable or unsafe. FRANCOISE would tend to scrupulously observe rules, procedures and direct instructions on the job.



Responsible for Safety :

FRANCOISE reports a strong belief in her ability to control or influence what happens to her and others in the context of safety and would be consistently proactive with regards to own or others safety.





Safety Conscientiousness :

FRANCOISE indicates an above average degree of diligence and conscientiousness in behaviour, avoiding rule breaking, expediency, group pressure and or otherwise careless acceptance of others work to ensure consistently safe outcomes.



Team & Road Safety Orientation :

FRANCOISE reports an average positive-ness in attitude to others, with an interest in their safety needs, suggestive of respect and genuine caring for other team members, willing to display patience and encourage safety by personal example.



SAFETY COMPETENCY

Safety Habits :

FRANCOISE's results indicate an above average and consistent ability to monitor developments, to anticipate required actions, ask the right questions, check assumptions and confirm understanding. Monitor workload distribution, report fatigue, stress and overload in self and others.



Understands Driver Fatigue :

FRANCOISE's results in understanding fatigue and behaviour is at an average level indicating only a slight level of risk if any due to ignoring the effects of sleep loss and fatigue on the self, or stretching abilities to the limit.



Safety Self Awareness :

FRANCOISE indicates an average degree of self awareness, insight or knowledge of the effects of various common stressors on the self that could reduce the capacity to function and maintain alertness to safety on the job.



General Hazard Awareness :

FRANCOISE's results indicate a below average ability to identify progressively more complex sequences of work place hazards typically found in mining or large earthwork excavations, as a confirmation of lesser alertness and understanding of basic safety issues.



Perception & Comprehension :

FRANCOISE's results on the basic test of perceptual and cognitive acuity was at the very low level suggesting more difficulty in distinguishing unusual differences or objects in the environment that may represent a hazard or in noticing the unusual.

