

## ZERO-HARM/HSEC REPORTING & ANALYSIS-MINING

### Zero-Harm/HSEC Management Made Easy!

Today more than ever, senior management needs to have timely visibility on factors that have the potential to adversely impact their organisation and its people.

To help provide this necessary visibility, SIBA Solutions has developed a set of interactive Health, Safety, Environment and Community (HSEC) based reporting and analysis templates applicable to the mining/resources sector.

SIBA's HSEC reporting and analytics templates are presently assisting a number of organisations in their pursuit of "Zero-Harm" and "Min-Risk" strategies.

### Does this sound familiar:

- ✓ Unable to produce consolidated reporting of your "safety" based HSEC, HRM and Operations performance data coming from multiple systems/sources?
- ✓ Struggling to link/integrate different reporting tools used in different business applications?
- ✓ Relying on disparate database systems and non-integrated spreadsheets for your HSEC/HRM reporting and analysis?

### Would you like:

- ✓ One integrated "mezzanine" level reporting solution across your existing systems covering HSEC/HRM and Operations?
- ✓ Rapid solution deployment via pre-defined KPI templates and data consolidation tools?
- ✓ To be able to quickly identify safety problem and potential operational risk management areas?

**OmniView - OH&S**  
Version: 3.2

1. Leading Indicators Zero Harm

Indicator	Units	Actual	Target	Variance
1.1 Safety Tours/Observations Conducted	No.	0	0	0%
1.2 OH&S Consultation Meetings Conducted	No.	3,364	11,472	-71%
1.3 Position Descriptions inc OH&S Element	%	1,000	1,584	-37%
1.4 Employees/Contractors Certified Competent	No.	179	792	-77%
1.5 JSA's Risk Reviewed	No.	4,462	2,868	56%
1.6 Workplace Operations Risk Reviewed	%	83%		
1.7 Incidents Formally Investigated	%	39	792	-95%
1.8 Reported Hazards Rectified in Time Frame	%	71%	90%	-19%
1.9 OHSMS & EMS Compliance Levels				

2. Lagging Indicators Zero Harm

- 2.1 Incident – Near Miss
- 2.2 Incident – First Aid Treatment
- 2.3 Incident – Notifiable Injury/Illness/Event
- 2.4 Incident – Medical Treatment
- 2.5 Lost Time Injuries (Employees & Contractors)
- 2.6 Lost Time Injury Frequency (Employees & Contractors)
- 2.7 Incident Recommendations & Findings Overdue
- 2.8 Unplanned Absence Rate

Powered by QlikView™

- ✓ Aggregate Scorecarding
- ✓ Executive Dashboarding
- ✓ Embedded Drill Downs
- ✓ Inbuilt Trending Analysis
- ✓ Search Filter Analysis

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4.1 Incidents Reported

4.2 Lost Time Injuries

4.3 No of Incidents Formally Investigated

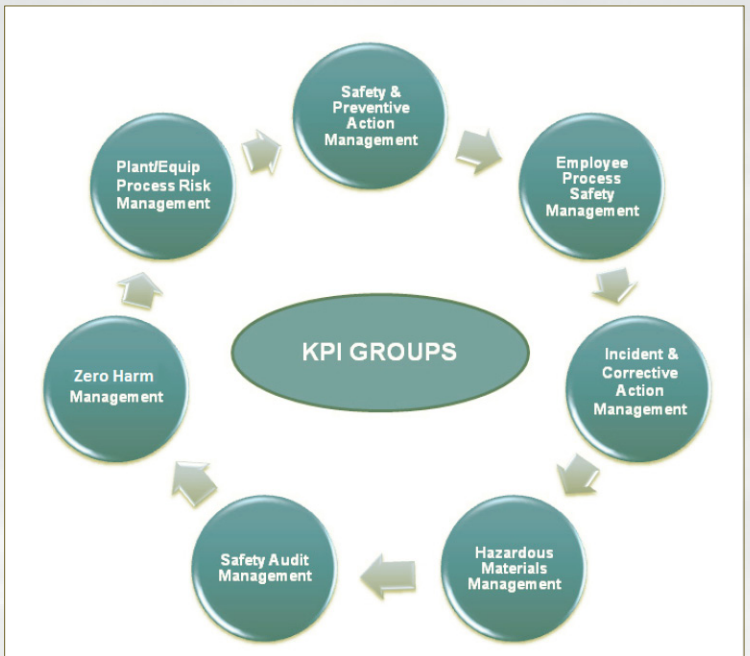
Event Type	No. of Events	No. of Actions	LTI	RWC	CI	MTC	TRI	FAC	SI	Total Days Lost	No. of Repeats	Avg Action Complet'n Days	Actual Safe Days
<b>Total</b>	<b>2,103</b>	<b>1,816</b>	<b>27</b>	<b>0</b>	<b>27</b>	<b>6</b>	<b>33</b>	<b>78</b>	<b>23</b>	<b>854</b>	<b>21</b>	<b>37</b>	<b>236</b>
Business Process	45	36	0	0	0	0	0	0	0	0	0	75	-
Environmental	4	4	0	0	0	0	0	0	0	0	0	19	-
Equipment/Property Damage	199	173	0	0	0	0	0	0	6	0	3	35	-
Hazard	1,549	1,337	0	0	0	0	0	9	0	10	34	-	-
Near Miss	119	107	0	0	0	0	0	7	0	1	57	-	-
Non-Work Related	5	4	0	0	0	0	0	0	0	0	4	-	-
Personal Injury	182	155	27	0	27	6	33	78	1	854	7	36	236

**CAN'T LIVE WITHOUT EXCEL?**  
That's fine, just click the Excel button on your SIBA HSEC screen and auto export!

# SIBA OmniViews

## Zero-Harm - HSEC Cycle

The full HSEC/OH&S management life-cycles are covered by the mapped templates. Detailed sets of KPI definitions relevant to each of the functional areas (see right) are provided and the relevant data auto extracted from respective HSEC/OH&S data sources.

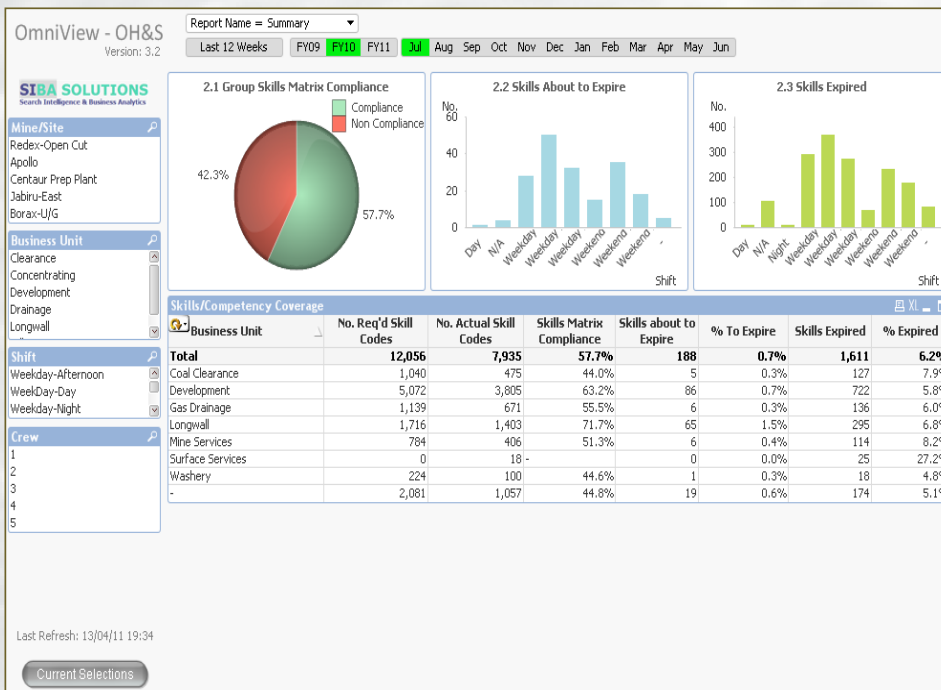


HSEC/OH&S functional reporting covered by the analytical templates include:

- ✓ Safety Audit Management
- ✓ Zero-Harm Management
- ✓ Hazardous Materials
- ✓ Skills & Competency Compliance
- ✓ Plant/Equip Process Risk Management
- ✓ Safety & Preventive Action Management
- ✓ Incident & Corrective Action Management

## Crew Skills / Competency Management

A full "Crew Skills and Competency Monitoring" module is incorporated enabling crew, shift and site supervisors to keep track of their operational accreditation and certification coverage levels as well as enabling them to ensure that they are operating in compliance with the appropriate regulatory safety and mine operating standards. In addition, the analysis provides valuable direction and specific inputs to the training and development resource planning and budgeting functions.



- ✓ Accreditation Monitoring
- ✓ Crew/Shift Skills Compliance
- ✓ Skill Set Expiry Analysis
- ✓ Skills/Competency Gap Analysis
- ✓ Employee/Crew T&D Planning
- ✓ Crew Attendance/Absence Analysis
- ✓ Crew Overtime/Fatigue Breach Analysis

### WE PROVIDE:

- ✓ KPI Drill-Down Path Definition
- ✓ KPI Algorithm Definition
- ✓ KPI Financial Contribution/Effect
- ✓ Detailed KPI Definition
- ✓ Data-Source Linking
- ✓ KPI Cause & Effect Linking

With over 20 years experience in business analytics and data discovery along with a library of structured, pre-defined KPI templates to draw upon, SIBA Solutions can provide valuable results in a fraction of the time and cost.

**Call us now for further details!**

### Contact

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