



# Gap Analysis Recommendations – XXXX Management System and ISO 14001, ISO 9001 and AS4801

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# 1.0 Executive Summary

This Gap Analysis identified that:

- Procedures and policy documentation to support ISO 9001:2008 and AS/NZS 4801:2001 is largely in place, with some exceptions.
- Further work is required to develop all procedures/outputs required ISO 14001:2004.
- Further work is required to fully *implement* the management system(s) routinely and ensure evidence of implementation is available prior to seeking Certification.

Section 2.0 *Gap Analysis and Action Plan* identifies all required actions and suggested responsibilities to address further work required.

Key recommendations include:

#### Integrate

Integrate and rationalise management system documentation wherever possible to provide clear direction to personnel. Refer to strategies outlined under "Documentation".

## **Process Approach**

Wherever possible, it is recommended to embed quality, OH&S and environment (here-after "IMS" (integrated management system)) into existing processes for delivery of Field Services, Modules and Buildings. This helps reduce the perception that the IMS is something "different" and not part of workplace processes. It is also the most effective approach from a risk management perspective (i.e. control the risk where it occurs).

#### **Platform**

Use of an online platform is recommended to ensure the IMS is accessible, to maintain records required and enable the IMS to be implemented within nominated timeframes (prior to end of 2014).

It is recommended that XXXX confirm with its current provider (MyOSH) the level of support for:

- Uploading XXXX documents, procedures and registers.
- Back-loading of existing records (including: personnel, training, risk, audit and inspection forms, accidents and incidents, events, corrective action, plant and equipment, suppliers and subcontractors etc.).
- Training of key users and general users.
- Confirm access is provided to all personnel.

Discussions suggest that, thus far, limited training has been provided (an hour) and the bulk of the above items will be the responsibility of and paid for by XXXX.





In contrast, Mango software provides you with a fully functioning system (within 4-6 weeks) that includes:

- Uploading of all XXXX documents and forms.
- Back-loading of records identified above.
- Set-up of all modules, so they are ready to run (rather than set-up) by XXXX personnel. Access to all personnel, anywhere with internet access.
- 2-3 days training for key users and face to face training for all general users.
- Local and ongoing support.

In essence, XXXX will be paying for either IRM and/or XXXX personnel to complete system setup tasks (as above) that really should be undertaken by the software provider.

Mango's approach also enables more rapid deployment, as with a fully functioning system, training and implementation can focus on implementation of the IMS, rather than system establishment.

#### **Addressing Gaps**

Addressing identified gaps involves two stages:

**Stage 1 - Documentation:** Additional documentation requirements and opportunities are identified throughout Section 2 – Action Plan.

**Stage 2 - Implementation Support:** To ensure an outcome whereby XXXX personnel obtain the knowledge and skills required to effectively maintain the IMS, the following Implementation tasks are recommended:

- Training in use of the preferred platform.
- Overview training in:
- Hazard and risk assessment.
- Management systems.
- Basic legal requirements (do not pollute etc.).
- Their role and responsibilities.
- Incident reporting and corrective action.
- Nominated personnel should also be trained in Internal Auditing.
- Consultation and communication to support release of new documentation/procedures.
- A full internal audit of the IMS is required prior to Certification (can be combined with training of internal auditors).
- An evaluation of compliance (conducted via an internal audit) is also required prior to Certification.



# 2.0 Gap Analysis and Action Plan

Clause	What's in Place/ What's Needed	Who
General Requirements	Refer below	Refer below
There is a System in place that meets the		
requirements of the Standards.		
The scope of the System shall be defined.		
Policy	In place:	IRM
There must be a documented Policies	Defined Policies in place and reviewed (Environment, OH&S and Quality).	
(environment, quality, safety), signed by the	• Range of supporting Policies in place (e.g. Alcohol and Drugs, Confined Spaces etc.).	
most senior manager.	Supporting procedures in place.	
Policies are communicated to all persons working		
on behalf of the organisation and be available to	Needed:	
the public.	Largely compliant.	
Policies reflect the nature and scale of the	• Recommend 1 Policy Manual that refers to operational procedures (e.g. HR) where necessary.	
business.		
Identification of Environment/ OHS – Hazard,	In place:	IRM in
Impact, Risks and Controls	HIA process for reporting hazards.	consultation
Implement a procedure to:	Standard JSA in place for cabinets and buildings.	with Reps
Identify the environmental aspects and OH&S	SOPs in place for some equipment/plant.	from each
hazards of the Organisations activities,	• Some Forms in place (e.g. Risk Management Assessment and On-Site JSA).	work area.
products and services.		
Consider planned or new developments or	Needed:	
modified activities.	• Task specific JSA/SWMS for all "high risk" work activities.	
<ul> <li>Assess significance/ level of risk.</li> </ul>	Plant Risk Assessments for key plant/equipment.	
<ul> <li>Keep the information up to date.</li> </ul>	• Assessment of environmental aspects/impacts in (a) stand-alone register or (b) integrated into JSA/SWMS.	
Take significant risks into account in planning	Procedure describing process and responsibilities for identifying hazards/aspects and risks.	
and implementing the IMS.	Noted that Risk Module available in MyOSH and Mango.	
	• Training recommended to support implementation of above processes and understanding of a "hazard" ("a source or	
	situation with potential for harm/injury to people").	
Legal and Other Requirements	In place:	IRM
A procedure must be maintained ensure:	Procedures supplied by NECA include a Legal Requirements procedure. The procedure basically provides a link to the	
<ul> <li>Identification and access to applicable legal</li> </ul>	parliamentary website or WorkSafe Codes of Practice.	
and other requirements (OHS and	• The procedure does not identify applicable requirements or what XXXX need to do to comply with an Act or Code of Practice.	
environment).	• Some compliance requirements are identified in MyOSH Registers module (e.g. testing of fire equipment).	
Determine how legal requirements relate its	, , , , , , , , , , , , , , , , , , , ,	
environmental aspects/ OHS hazards.	Needed:	



Clause	What's in Place/ What's Needed	Who
<ul> <li>Legal requirements are taken into account in</li> </ul>	Procedure to guide how legal requirements are identified, updated and incorporated into workplace processes.	
planning and implementing the IMS.	A central register identifying applicable Acts, Regulations and Codes and how they apply to XXXX activities.	
Periodic evaluation of compliance with	Review MyOSH Registers to ensure that all periodic compliance requirements are capture as an actionable event.	
applicable requirements.	One compliance focussed internal audit needs to be completed prior to Certification.	
Objectives, Targets and Improvement Programs	In Place:	IRM in
Documented objectives and targets.	• OH&S - LTI, MTI and HIA targets established. Reporting and monitoring in place, with initiatives to encourage more reporting.	consultation
A programme for achieving objectives and	• Quality – complaints process (similar to HIA). Complaints procedure. Need to start measuring – benchmark – non-	with
targets (identifying responsibilities, actions and	conformance (internal). Hot spots > targets – didn't quite get there.	Management
time frames).	• A number of process improvements sighted for manufacturing delivery processes. These initiatives can be considered as evidence of 'continual improvement' (as per 9001).	
	Required:	
	Establish a baseline for environment and quality targets and commence monitoring. Consider resource use and waste	
	minimisation as areas where environment improvement targets could be set.	
	• Quality targets – focus on things that are of value to XXXX to improve (e.g. on time delivery, reducing defect rates).	
	Once targets established, develop supporting improvement program.	
	All process improvements can be considered as "quality" improvements.	
	Improvement Register – record all improvement actions – demonstrates commitment.	
Resources, roles, responsibility and authority	In place:	IRM
Resources to implement the IMS must be	Position descriptions.	
identified.	Responsibilities are also identified in procedures.	
Roles and responsibilities must be documented		
and communicated.	Needed:	
A management representative must be	Largely compliant.	
appointed.	Ensure management representative appointed (recommend Nigel).	
	Review to ensure that OHS, quality and environment responsibilities defined.	
Competency, Training and Awareness	In place:	Data into
Personnel performing activities associated with	Training Register maintained and identifies licences/competencies required (OH&S). Identifies expiry.	MyOSH –
significant impacts/ hazards/ or that could impact		XXXX
on product quality must be competent (on the	Needed:	Other items -
basis of appropriate education, training and	Data to be entered into MyOSH.	IRM
experience) and records maintained.	Environment related training and competency needs to be defined and added to the Training Register and/or MyOSH	
	training module.	



Clause	What's in Place/ What's Needed	Who
<ul> <li>Identify training needs associated with environmental aspects.</li> <li>Establish a procedure to make personnel aware of:</li> <li>The policy, procedures and IMS.</li> <li>Significant aspects/hazards associated with their work.</li> <li>Their role and responsibilities.</li> <li>Consequences of departure from the IMS.</li> </ul>	<ul> <li>Content overviewing IMS and staff responsibilities to be added to induction material.</li> <li>Suggested training to support effective implementation of the IMS includes: <ul> <li>Hazard and risk assessment.</li> <li>Management systems.</li> <li>Basic legal requirements (do not pollute etc.).</li> <li>Their role and responsibilities.</li> <li>Incident reporting and corrective action.</li> <li>Nominated personnel should also be trained in Internal Auditing.</li> </ul> </li> </ul>	
<ul> <li>Communication, Consultation and Reporting         A procedure needs to be implemented for:         <ul> <li>Internal communication.</li> <li>Receiving and responding to communication from external interested parties.</li> <li>The Organisation needs to decide whether it will communicate externally about its significant impacts, and record this decision.</li> </ul> </li> </ul>	In place:  Management level meetings occurring. Production level pre-start meetings occurring (Manufacturing). Team meetings held – Field Services  Needed: Largely compliant. Document method in IMS Manual. Ensure that environment also incorporated in existing meetings where possible/relevant.	IRM
Documentation  Method of describing the system and how it interrelates with other documentation.  A defined Policy, scope, objectives and targets, procedures and records necessary to support the IMS.	In place:  Documentation and forms for OH&S and quality largely in place (some gaps as identified in this Action Plan).  Support procedures for the EMS component need development (refer below).  Policies and scope defined.  Needed: Integration and rationalisation of existing documentation into: A Policies Manual. An IMS Manual (overviewing the IMS). A procedures manual for each area (e.g. Field Services, Human Resources).  Support procedures for the EMS component need development as identified throughout this action plan (e.g. Identifying Aspects/Impacts, Identifying Legal Requirements, and Operational Procedures — e.g. Managing Waste; Spill Response).  Some "System" procedures could be more clearly defined (e.g. internal audit, corrective and preventive action, incident reporting, emergency planning). Quality and environment objectives could be more clearly defined.	IRM in consultation with work area reps.



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	• Procedures and Forms need to be loaded into the one repository (MyOSH) (needs dedicated resources).	
	• NECA documents – only use where no XXXX equivalent. Formally brand and incorporate into XXXX procedures.	
	• Incorporate any outstanding documents (EMS procedures, system procedures as above) in the IMS Manual – rather than	
	separate procedures.	
	• Review of OH&S Policies to ensure consistent with current Legal Requirements (e.g. Working at Heights, Vehicle, Mobile Phone,	
Decument and data Control, Because	Fatigue).	Dun on duno /
Document and data Control; Records	In place:	Procedure/ Matrix –
Management A procedure for managing documentation and	Documentation observed lacks consistent document naming/ numbering convention.	IRM.
data to ensure the most up to date document	Needed:	Applying
and approved version is used (internal and	Document and Record Management procedure needs to be developed/updated.	naming
relevant external documents)	• Incorporate document naming and numbering convention and apply.	convention
relevant external documents)	<ul> <li>Processes for backing up-data need to be incorporated in the procedure.</li> </ul>	– IRM or
	• Electronic records structure needs to be standardised within Field Services.	XXXX.
	• Identify project record keeping requirements – Field Services (i.e. ITP provided to client – do you need to maintain a copy?).	
	• Develop Document and Record Matrix (key IMS Documents and Records).	
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<b>Operational Control; Control of Hazards</b>	In place:	IRM in
The Organisation shall identify and plan	• Defined Policies in place and reviewed (Environment, OH&S and Quality).	consultation
operations associated with significant aspects/	Range of other Policies in place.	with work
hazards to ensure they are carried out under	Supporting procedures in place.	area reps.
specified conditions by:		
Establishing documented procedures where	Needed:	
they assist to control significant aspects.	Review OH&S procedures to ensure current.	
• Stipulating applicable operating criteria in the procedure.	• Operational controls for environmental impacts need to be defined in a simple procedure (e.g. spills management, waste management).	
Maintaining procedures for the management	• Confirm operational controls/requirements needed for: racking – not clear on frequency of inspection required; saw in	
of significant aspects/ hazards arising in from	building area – guarding requirements; air compressor – registration requirements; procedure – working on energised	
goods and services used by the Organisation.	equipment; slings and lifting gear – test requirements.	
Product Realisation (ISO 9001)	In place:	IRM in
Clearly identify customer requirements and our	• Process map for Modular and Buildings (excellent). Suggest similar be developed for Field Services (if not already in place).	consultation
ability to meet defined customer requirements.	• Some support procedures in place.	
	Competency requirements for Field Service and Manufacturing personnel are reflected in the Training Register.	



Clause	What's in Place/ What's Needed	Who
Control core activities performed to provide our		with work
product/service.	Manufacturing	area reps.
Consider:	• Standardisation of drawings and specifications via EPlan and review of the outcome via the EPlan Project Status Checklist.	
The need for guidance to support consistent	Preparation of standardised job folders.	MyOSH data
delivery of these activities (e.g. work	Ordering from approved and consistent suppliers.	entry – IRM
instructions).	Incoming material inspection, staging for job.	or XXXX staff
<ul> <li>Means of providing adequate information on product characteristics (e.g. specification).</li> </ul>	• Inspection – excellent: (1) prior to construction (2) at assembly state (3) completion of wiring (4) after testing and point to point testing.	member.
The availability of suitable equipment	Set of plans and wiring table for each cabinet.	
(serviced, maintained and appropriate).	• Job records.	
Measuring or monitoring equipment we may	Material and tools management.	
need.	• Calibration.	
Monitoring and measuring activities we need	• Inspection, variations.	
to be confident we are controlling quality risks.	Standardised folder structure.	
<ul> <li>Defined processes and controls for release,</li> </ul>	Needed:	
delivery and post-delivery where required.	Reflect service/product delivery procedures for Field Services and Manufacturing in team specific procedures Manuals.	
<ul> <li>Defining design processes (if applicable).</li> </ul>	Schedule calibration activities in MyOSH.	
Controlling measurement devices that require calibration.	Confirm preventive maintenance processes for equipment (add to MyOSH).	
<ul> <li>Requirements for identification and traceability of product.</li> </ul>		
Managing customer property – where we		
work directly on it.		
Purchasing	In place:	IRM
<ul> <li>Processes to select and engage sub-</li> </ul>	Contractor Selection Criteria Checklist form.	
contractors and suppliers – and the means of		
reducing quality, OH&S and environment risks	Needed:	
in purchasing decision (see below).	• Consideration needs to be given to OH&S and environment risk of purchasing decisions. Risk based approach is compatible	
	with the Standards.	
	• Provide overview of the method for the above in the IMS Manual (including selection, induction and management on-site, monitoring/checking).	
Emergency Preparedness and Response	In place:	IRM in
	Emergency Evacuation procedure.	consultation
	Inspection/testing of some emergency response equipment scheduled through MyOSH (Registers).	



Clause	What's in Place/ What's Needed	Who
All emergency situations must be identified and		with work
procedures documented to mitigate injury/	Needed:	area reps.
environmental damage.	• Identify additional emergency response hazards via Hazard/Aspect and Risk Assessment process.	,
The Organisation need to responds to actual	Develop emergency plan to identify controls needed for potential emergency events.	
emergency events.	Ensure periodic test requirements scheduled via MyOSH.	
Emergency procedures need to be periodically	Develop Spills procedure.	
reviewed, particularly after an incident or event.	Record emergency evacuation drills (if not already occurring).	
Emergency procedures need to be periodically	Trial environment related emergency response plan (e.g. spills drill).	
tested/trialled.		
Monitoring and measurement; Customer	In place:	IRM
<u>Feedback</u>	• In-process inspection and testing (quality perspective) is good. Ensure defined in Work Area Manual.	
	Some Workplace Inspections occurring and checking OH&S controls.	
Procedures must be implemented to ensure:	OHS KPIs monitored.	
<ul> <li>Key characteristics of operations that could</li> </ul>		
have a significant impact/ hazard are regularly	Needed:	
monitored.	Incorporate environment controls that need inspection in Workplace Inspections.	
<ul> <li>Monitoring of the status of relevant controls</li> </ul>	Ensure Work Place inspections conducted for all operational work areas.	
are conducted (e.g. bunds, spill kits)	Commence monitoring baseline performance (environment and quality).	
OHS/Environmental performance.	Continue monitoring of OH&S KPIs.	
<ul> <li>Progress on objectives and targets.</li> </ul>		
<ul> <li>Products and services are consistent with</li> </ul>		
customer requirements and specifications.		
<ul> <li>Customer feedback is obtained and analysed.</li> </ul>		
Customer complaints are investigated and		
actioned.		



Health Surveillance	Needed:	IRM
	Confirm legal requirements for on-going health monitoring (unlikely to be required for XXXX).	
Evaluation of Compliance	Refer to Legal and Other Requirements above.	Refer to
Procedures must be implemented to:		Legal
Periodically evaluate compliance with		Requiremen
applicable legal and other requirements.		ts above
Maintain records of periodic evaluations.		
Incident Reporting, Non-Conformance,	In place:	Procedures/
Corrective and Preventive Action	HIA process in place for reporting Hazards.	Manual –
	Confirm if incident reporting, non-conformance and corrective/preventive action procedures are in place.	IRM
There must be procedures in place to ensure	Supporting procedures in place.	MyOSH –
actual or potential incidents/ non-conformances	Incident/Accident module in MyOSH.	XXXX or IRM
are:	Corrective/preventive action module in MyOSH?	
Reported		
Investigated (including consideration of root	Needed:	
cause)	Incorporate incident reporting, non-conformance and corrective/preventive action procedures in IMS Manual.	
Corrective and preventative action is	Confirm if Corrective/preventive action module in MyOSH.	
implemented, effective and recorded.	• Confirm why accident/incident forms manually raised then entered into MyOSH by Jasmina (i.e. should be possible for staff to raise directly in the system?).	
Internal audits	In place:	Procedure/s
Procedures must be in place to ensure that	Monthly Workplace Inspections occurring. Actions tracked and reported.	chedule –
internal audits are conducted regularly by	Standard form for Workplace Inspections developed.	IRM
competent persons. The audit schedule must be	Audit module in MyOSH?	
based on the risk and previous audit results.		Setup of
Corrective and preventative action is taken as the	Needed:	MyOSH
result of audit findings.	NOTE: Internal Audit process required over and above Workplace Inspection process (similar processes – but audits	audit
	conducted against defined procedures/requirements).	checklists –
	Internal audit procedure (in IMS Manual).	IRM or XXXX
	Internal audit schedule (including audit of "System" and operational procedures).	
	Internal audit training for internal auditors.	



## **Management Review**

A documented management review must be conducted regularly to ensure that the system is appropriate to the business and effective in managing hazards/risks.

#### In place:

• Regular management meetings reviewing OHS and product/service delivery performance.

IRM

## Needed:

- Largely compliant.
- Confirm that all management review items included in meeting agenda (e.g. environment).