

Significant Changes to NZS 7901

The following table notates where changes have occurred and their significance:

2008 Version	2014 Version	2014 Title	Similarity	Notes
2 Safety Management System Outline				
2.1	2.1	Introduction	Identical	
2.2	2.2	Objective	Identical	
2.3	2.3	Structure	Identical	
2.4	2.4	Responsible Person	Change d	2008 title was "Responsibilities" Indicated Responsible Person should report to CEO 2014 Version simply states "person or persons responsible shall be identified by designation/position/title in the SMS"
2.5	2.5	Methodology	Similar	2008 Version referenced hazards and followed context of HASIE Act 2014 Version aligned to proposed changes to legislation, and is therefore "risk based" Result is changes to old sub-clauses (a) and (b). New sub-clause (c) added.
2.6	2.6	Intent	Identical	
2.7	2.7	Treatment	Similar	Terminology in 2014 version aligned to change from hazards to risk management
2.8	2.8	Development	Similar	Bias modified to reflect people involved must have appropriate experience and skills rather than just appropriate people!
2.9	2.9	Integration	Similar	Links new Standard to AS/NZS ISO 31000
2.10	2.10	Legislative Requirements	Similar	2014 version includes statement that where assets are being operated in a prudent manner and potentially adverse effects are being mitigated then such assets will be deemed to be in compliance with NZS 7901:2014
2.11	2.11	Performance Monitoring	identical	
3 Asset Description				
3.1	3.1	Requirement	Identical	
3.2	3.2	Demarcation	Identical	
3.3	3.3	Consistency	Identical	
4 Management of Risks				
4.1	4.1	Introduction	Change d	Clause introduces the new risk based approach and AS/NZS ISO 31000. It also moves away from the control of hazards to the treatment of risks and to reducing risks to ALARP levels.
	4.2	Risk Context	New	Approach moved to align with AS/NZS ISO 31000. Treatment approach includes internal and external factors.
	4.3	Risk Criteria	New	Risk Criteria to be established by organisation
	4.4	Risk Assessment	New	Process based on the three basic elements of: <ul style="list-style-type: none"> ▪ risk identification ▪ risk analysis, and ▪ risk evaluation
	4.5	Risk Treatment	New	Treatment approach is to be ALARP
4.5	4.6	Coverage	Similar	Identical in-principle, but extended to in so far as now applies to new assets or acquisitions ASAP.
4.6	4.7	Review	Change d	Controls now must be assessed for their effectiveness through formal monitoring and verification, and where significant differences exist between the residual and inherent risk levels. Note: Maximum period between review is annual – refer Clause 6.5

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4.8	4.8	Add. Legislative Requirements	Identical	
5 Safety and Operating Processes and Information				
5.1	5.1	General	Identical	
5.2	5.2	Coverage	Similar	Changes relate to risk assessment and treatment versus hazard identification and control of significant hazards
5.3	5.3	Improvement	Identical	
5.4	5.4	Roles/Responsibilities	Identical	
5.5	5.5	Compliance	Similar	Changes only to Acts referenced
5.6	5.6	Emerg. Preparedness	Change	New Clause references examples of sources. Requirement now includes need to revise after an incident or emergency situation.
5.7	5.7	Competency	Identical	
5.8	5.8	Change Management	Similar	Changes relate to risk rather than hazards. Also process must be used for changes in SMS Scope and changes related to acquisition of new or additional assets.
	5.9	Communications	New	Clause brings in additional requirements, viz: <ul style="list-style-type: none"> Views of employees should be sought Management must have good understanding of risk management Importance of SMS to be refreshed in minds of employees throughout year External communications should be established Views should from local stakeholders over adequacy of protection measures
5.9	5.10	Information	Change d	Increased emphasis on public knowledge and assistance via reporting, education of public and having a public safety strategy and communications campaign. Requirement also includes effective two way communication with emergency service providers, local civil defence, and the provision of safe practice info to all such providers.
5.10	5.11	Incident Management	Identical	
6 Performance Monitoring				
6.1	6.1	General	Identical	
6.2	6.2	Audit	Change d	Significant changes are: <ul style="list-style-type: none"> External audits must be by JAS-ANZ accredited body Internal Auditor must meet requirements of Clause 6.2.4 and -assessments shall be conducted by knowledgeable persons Qualification of Internal Auditors now defined (refer Clause 6.2.4) Minor change to intervals for independent audits.
6.3	6.3	KPIs	Change d	Clause 6.3.1 now requires records to be established, maintained and analysed regularly. Examples of KPIs now defined in Appendix G Clause 6.3.2 now requires SMART KPIs, and KPIs that enable comparison
6.4	6.4	Incident Summary	Identical	
6.5	6.5	Annual Review	Similar	Now requires results of reviews of Risks to be included in Annual Review
7 Document and Data Control				
7.1	7.1	Control Procedures	Identical	
7.2	7.2	Document Management	Identical	