

### Safety Systems Review – Construction

Guidance and specification Version 1 – 2014

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### **Safety Systems Review**

The review will evaluate how effectively your organisation's health and safety arrangements are being implemented. It can be used for single or multiple sites to benchmark your systems.

### **Benefits**

- Independent review of how effectively your systems are being implemented at selected site(s)
- Recommendations for improvement within a user friendly report including an action planning table
- Ongoing support to help you maximise business efficiencies from your management systems
- Opportunity to benchmark effective management between sites
- · Provides a base point for more in depth auditing
- A cost effective solution to maintaining health and safety standards across the business.

### How does it work?

The review is based on this specification which contains:

- · An outline of each element of the review
- · Details of a quantifiable scoring process
- · Typical information requirements during the review
- Suggestion for personnel required during the review (interviewees).

The specification is discussed with your site management before the review.

You will receive a summary report with recommendations for improvement and details of how well your systems and arrangements are being implemented at chosen sites.

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# Specification for Safety Systems Review – Construction

### Section 1 – health and safety management

Element headings	Purpose and scope	Score	Typical information/evidence requirements	Possible interviewee(s)
I. Health and Safety Management System(s) and Arrangements  2. Competent Occupational Health and Safety (OH&S) Personnel	To determine whether the documented arrangements and procedures are effectively communicated to all employees on site.  To ensure the safety management system(s) (SMS) content is readily available, easy to follow and that staff have a good awareness of relevant content.  To ensure that management on site has received the appropriate training and information to enable them to implement the requirements of the SMS.  To ensure competent advice and support is available for on site management.		Policy statement – signed and dated  SMS available in either electronic or paper based format which is easily accessible to everyone  Training/information given to all staff on contents of SMS and how to complete relevant forms etc.  Induction process  Documented job description/role profile with relevant OH&S responsibilities clearly defined  Suitable training commensurate with the risks of the business and role responsibilities. (NEBOSH Construction Certificate or similar for H&S appointee – National Construction College/CITB accredited courses – Site Management Safety Training Scheme for management.  Clear reporting and communication channels	
3. Consultation and Communication	To ensure the site receives regular communication from Head Office on OH&S issues.  To confirm that a system is in place which enables employees to raise OH&S issues and receive feedback.  To confirm staff representation at health and safety committee meetings.  To confirm clear lines of communication between principle contractors and subcontractors/suppliers.	30	Access to OH8S support  Health and safety bulletins/newsletter/notice board  Formal communication  Management reports  Minutes of health and safety committee/team meetings  Evidence of staff involvement in OH8S issues  Suggestion schemes  Pre-contract meetings – daily or weekly progress meetings – inclusion in works council/ safety committee meetings.	Site Manager Safety representative Employees Contractor management, supervisors and employees
i. Competence and Training	To confirm that all staff are appropriately trained to carry out their tasks competently.  To ensure a suitable OH&S induction process is in place on site.  To ensure that staff development and training needs are continually reviewed including any mandatory refresher training.  To ensure that adequate first aid resources	30	Training plan(s) and records  Job description/role profile  Certification, licences, CSCS cards etc.  Appraisal process and CPD plans  Induction process  First aid assessment	Employees Supervisor Site/Group HR personnel Contractors Site/Group HR
Facilities (including Occupational Health)	<ul> <li>(personnel and equipment) are in place on site.</li> <li>To confirm that:</li> <li>Staff health and wellbeing is monitored</li> <li>Promotion of a healthy balance between work and personal life is in place including health surveillance</li> <li>Absence monitoring and where appropriate return to work plans are in place</li> <li>Emergency first aid is available for others on site.</li> </ul>		First aid equipment/facilities  Occupational health facility available at site level  Health surveillance and lifestyle promotions  Return to work policy  Training records	personnel Site Manager First Aiders Employees Occupational Healt Safety Representative

Element headings		Purpose and scope		Typical information/evidence requirements	Possible interviewee(s)
_	Workplace Inspections and Internal Auditing	To ensure all areas of the workplace are subject to regular inspection and when non conformities are raised, they are dealt with in a timely manner.  To confirm the site has been subject to a suitably detailed internal health and safety audit.  To ensure that whenever any organisational or site level change occurs, all potential issues affecting health and safety are suitably assessed and managed in an appropriate manner.	30 20	Documented workplace inspections including equipment and external areas Inspection schedule/programme Identified actions monitored for completion and signed off in a timely manner Competent personnel to carry out inspection(s) Management involvement in inspection process audit report(s) and schedule Input from head office  Risk assessment of potential impact on H&S of change Communication of assessment findings	
8.	Traffic Management and Access Routes	To ensure suitably robust policies and procedures are in place to manage the risks associated with LGV and mobile plant movement, to include site based and visiting vehicles.  Loading and delivery locations managed to reduce risk and maintain control, with reversing minimised or controlled.  Site access and egress for vehicles is managed to reduce risks to public routes and nearby businesses.  To ensure access and egress routes for pedestrians are managed to reduce the risk of	30	Traffic management risk assessment  One way circuits, speed limits, speed reduction schemes and lines of visibility  Records of inspections  Segregation of pedestrians and all vehicles  Suitable lighting, crossing points and signs  Trained banksmen for reversing areas  Implementation of controls	Employees  Site management  OH&S Manager  All site staff and Contractors  Visitors  Delivery drivers  Plant operators
9.	Control of Contractors	interaction with vehicles and plant.  To ensure that there are suitable control systems in place on site to reduce risk presented to employees, others and property by the activities of contractors.  All equipment brought to site by sub-contract personnel subject to initial and continued inspection.	25	Contractor selection and approval documentation Contractor Induction and ID Approved contractor register Monitoring of contractor performance Risk assessment(s)/method statement(s) Training records/site induction records	Site Manager Sub- contractor Management OH&S Manager/ Advisor Contractor personnel
10	Risk Assessment and Safe Working Practices	To ensure suitable, sufficient and current risk assessments have been carried out at site level which identify hazards and assess risks to workers and others who may be affected by the undertakings of the organisation.  To ensure identified controls are effectively implemented.  To confirm risk assessments have been communicated to all relevant personnel.  To review subsequent safe working procedures and practices, ensuring they are carried out in a safe and effective manner.	30	Specific and generic risk assessments covering routine and non routine tasks  Tool box talks/team briefings/training records  Management and staff awareness  Safe working procedures (operational control)  Training records	Site Manager Supervisor Safety Representative Employee(s)

Element headings	Purpose and scope	Score	Typical information/evidence requirements	Possible interviewee(s)
11. Work	To ensure that suitable procedures and controls are in place for the provision and safe use of work throughout the site, including both administrative and operational measures.	25	Planned preventative maintenance programme	Site Manager
Equipment			Risk assessment(s)	Employee(s)
			Maintenance records	Maintenance
	Equipment to be audited will depend upon nature of activities being undertaken.		Inspection records (including thorough examination)	personnel
	Power tools.		Adequate space/access to work equipment	
	Pressurised cylinders and ancillaries.		Hand tools in good order, inspected and	
	Static plant (compressors – generators etc.).		stored correctly	
	Any other items identified by auditor.		Defect reporting system	
			Emergency stop controls and signage	
			Training records	
2. Mobile Plant and Vehicles	To ensure all aspects of vehicle safety management are controlled and managed	30	Risk assessment	Site Management
and venicles	throughout the site, including material and		Licences and training records	OH&S Manager
	equipment delivery vehicles.  Suitable ROPS/FOPS and seat belts maintained.		Pre-use and periodic inspections by drivers/ operators and management	Employees and Supervisors
	To ensure all site based mobile plant and vehicles are subject to inspection and maintenance programmes.		Service and maintenance records	Contractors
			Records of seat belt wearing being monitored and managed	
	All vehicles and mobile plant are suitable for activities, including visibility and manoeuvrability.			
3. Permit to Work	To ensure robust policies and procedures are in	30	Formal and detailed policies and procedures	Site Manager
	place for the management of high risk activities.  Written procedures in place to identify specific PTW activities.		Not simply used for contractor control, restricted to high risk activities only (excavation – HV – roped access at height – confined space – hot work in hazardous environments). Issued for period of task but not for days or weeks.	OH&S Manager
				Supervisor(s)
				Employees
			Training records specific to hazards being managed, both issuers and receivers of PTW	
			Risk assessment(s) and Safe Systems of Work (SSW)	
			Permits issued and cancelled appropriately, with detailed procedures to ensure measures are maintained should extension be authorised.	
4. Working at	To ensure all activities that involve working at	40	Risk assessments and safe systems of work	Site Manager
Height	height are suitably planned and controlled.		Permits to work or temporary work authorisation	OH&S Manager
	Written procedures and suitable management competence for activities being conducted.		Training records	Supervisor(s)
	Suitable equipment (MEWP – ladder – roof		Equipment inspection records	Employees
	access – formwork access) being employed.		Activities to be observed to ensure personnel are following the hierarchy of control	Contractors
			Edge protection systems (including working over water)	

Element headings	Purpose and scope	Score	Typical information/evidence requirements	Possible interviewee(s)
5. Scaffolding	To review all arrangements regarding how	30	Risk assessments and safe systems of work	Site Manager
	the erection, maintenance and dismantling of scaffolding is assessed and managed to prevent		Temporary work authorisations	OH&S Manager
	falls from height and collapse.		Authorisations	Supervisor(s)
	Suitable selection of contract scaffolders.		Selection of suitable scaffolders (National Access	Employees
	Suitable mobile tower scaffolds employed.		and Scaffolding Confederation registered)	Contractors
			PASMA accredited training for mobile tower use	
			Inspection records	
			Equipment storage and maintenance	
6. Lifting Operations and	To review all arrangements regarding operations requiring lifting of equipment and personnel.	30	Risk assessments and safe systems of work	Site Manager
Equipment			Authorisations	OH&S Manage
	Written procedures covering:     Suitable equipment selection and		Selection and assessment of contractors	Supervisor(s)
	maintenance		Training records (appointed persons, slingers,	Employees
	Competent personnel conducting activities		banksmen etc.)	Contractors
	<ul> <li>Management of danger zones and exclusion areas</li> </ul>		Inspection records	
	<ul> <li>Methods of communications suitable for activities conducted.</li> </ul>			
7. Excavations	To review all arrangements regarding the design and management of all hazards associated with all excavations, cofferdams and caissons.	30	Risk assessments and safe systems of work	Site Manager
			Permits to work or temporary work authorisations	OH&S Manage
	Suitable management controls are evident across		Training records	Supervisor(s)
	the site, including permits to excavate, UG and OH services management and protection from		Daily inspection records	Employees
	vehicles and materials, fumes and water ingress.  Suitable support systems and access/egress means.			Contractors
			Suitable protective devices/procedures being followed dependent upon nature of excavation	
			Signs, barriers and stop blocks evident and maintained	
8. Control of	To review arrangements (including storage and	30	Hazardous substance index	Site Manager
Hazardous Substances	labelling) for the control of potential exposure of persons and the environment to substances hazardous to health (including asbestos		COSHH assessments/safety data sheets	Supervisor(s)
			Asbestos survey and register	Employees
	management).		Legionellosis survey/assessment	Contractors
			Training records	
			Storage and security facilities	
			PPE	
			Spillage/leak procedures	
9. Electrical	To review arrangements and controls intended to prevent the risk of electrocution from portable or fixed electrical appliances and/or systems.  Suitable access limitations to electrical	25	Maintenance, test and inspection records	Site Manager
Installations, Equipment			Risk assessments/safe working procedures	Maintenance
and Portable			Secure access to high voltage/electrical	personnel
Appliances	installations.		equipment locations	Contractors
	Isolation and lock out procedures.		Goalposts, safety zones, equipment selection and CAT scanning	
	Protection from UG/OH high voltage lines.		· ·	
	To ensure legislative duties in respect of the above are being met.		All hand tools 110v or battery operated where appropriate	
			Training records	

Element headings	Purpose and scope	Score	Typical information/evidence requirements	Possible interviewee(s)
20. Manual	To ensure suitable assessments of manual handling	25	Manual handling assessments	Site Manager
Handling	tasks have been carried out by competent persons.		Training records	Supervisor(s)
	Confirm all staff have received relevant manual handling training.		Equipment records	HR personnel
	Confirm provision of MH mechanical and automated aids.			Employees
1. Safety Signage	prominently displayed throughout the site including:	15	Risk assessments	Employees
and Notices			Fire and emergency information signage	
	<ul><li>H&amp;S legal poster</li><li>Mandatory, prohibition, warning safe</li></ul>		Inspection records	
	condition signage			
	<ul> <li>Fire escape route and other emergency information signage.</li> </ul>			
2. Public	To confirm suitable protection measures have	25	Risk assessments and Inspection records	Site Management
Protection	been introduced and managed to reduce the risks to members of the public or neighbours.		Fences and barriers – including gates and	OH&S Manager
			access control	Supervisors
			Contact with schools if children trespassing is a potential	Employees
			Interaction with neighbouring business	Neighbours
			End of shift site safety and security checks (materials, stacking and storage, vehicles, access to scaffold and ladders, excavations, CoSHH items etc.).	Contractors
			Traffic and pedestrian management if working on or near public access routes	
3. Accident,	To ensure procedures are in place for the	30	Safe working procedures	Site Management
Incident and Near Miss	reporting of all accidents and incidents (including near miss and damage) and that such events are subsequently investigated to prevent		Accident/incident report data	OH&S Manager
Reporting and			Investigation documentation	Employees and
Investigation re-occurrence.			Site reports to management	Supervisors to ascertain their
	To confirm all relevant incidents/accidents are reported to the relevant authorities as required.		Training records	knowledge of
			First aid record	incidents and recommendation prevent recurrence
4. Workplace		25	Risk assessments	Site Manager
Welfare Facilities	facilities (including toilets, rest area, canteen, changing area, etc.) have been provided for		Inspection records	
	employees and other site personnel.		Cleaning schedule(s)	
	To ensure general and specific waste is collected and disposed of in a suitable manner.		Waste transfer notes	
5. Personal	To confirm suitable PPE is available to all	25	PPE assessment	Site Manager
Protective Equipment	relevant staff.		PPE records	HR personnel
(PPE)	To confirm assessment of PPE requirements has been carried out.		Training records	Employees
	To ensure process for replacement of PPE is in place		Storage and cleaning facilities	
	To confirm staff awareness and use of PPE.			
6. Housekeeping		25	Roles and responsibilities	Site Manager
	prevent slip, trip and fall injuries and reduce fire risk.		Inspection records	Supervisor(s)
	ine riok.		Material storage and waste management	
			Segregation of pedestrian routes and materials	

Section 2 - control of emergency incidents

	Purpose and Scope	Score	Typical information/evidence requirements	Possible Interviewee(s
27. Fire Risk	To ensure a suitable and sufficient fire risk assessment(s) has been carried out on site which identifies the hazards and associated risks of fire.	25	Fire risk assessment(s)	Site Manager
Assessment			Evidence of identified actions closed out	Supervisor(s)
	To ensure all identified controls are being effectively implemented.		Hot work permits being issued where required	H&S Advisor/ Manager
	To confirm that the risk assessment content has been		Training records	Maintenance
	effectively communicated to relevant personnel.		Inspection records (briefings/meetings, etc.)	personnel Fire Warden(s)
			Communication of assessment content	The value (o)
28. Alarm Systems	To ensure that effective systems are in place for the	25	Maintenance records	Site Manager
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	manual or automatic detection of fire and the audible/		Fire alarm test records	Supervisor(s)
	visual warning to those who will need to evacuate the site in the event of a fire incident.		Fire risk assessment(s)	H&S Advisor/
	To confirm such systems are suitably maintained and		Training records	Manager
	tested on a regular basis.		Inspection records	Maintenance
				personnel
			Signage	Fire Warden(s)
				Employees
29. Fire Fighting Equipment	To ensure that there is adequate fixed/portable fire-fighting equipment available on site and that such equipment is maintained and serviced on a regular basis.	25	Fire risk assessment(s)	Site Manager
Equipment			Maintenance and inspection records	Supervisor(s)
			Training records	H&S Advisor/
	To confirm relevant personnel have received training		Visual inspection	Manager
	in the correct use and application of such equipment.		Signage	Maintenance personnel
				Fire Warden(s)
30. Evacuation, Drill and Instruction	To confirm that effective procedures are in place to	30	Evacuation procedures	Site Manager
and instruction	ensure that all personnel on site (including anyone with specific needs) can evacuate to a safe place in the event of an emergency.  To ensure that suitably trained personnel are on site to effectively implement the aforementioned procedures (including use of any related evacuation equipment).  To ensure the evacuation procedures are tested on a regular basis.		Fire drill records	Supervisor(s)
			Training records	Fire Wardens
			Risk assessment(s)/personal evacuation plans	H&S Advisor/ Manager
31. Emergency	To ensure that adequate means of escape are provided and maintained for the safe evacuation of people from the site and all locations within the site.  To confirm appropriate escape route/exit signage and	25	Inspection records	Site Manager
Escape Routes, Exits and			Fire Risk assessment(s)	Fire Wardens
Lighting			Emergency lighting test and servicing	Maintenance
	lighting is in place.		records	Personnel
	To confirm such emergency lighting is tested and		Signage (including assembly point)	Employees
	maintained on a regular basis.		Visual inspection	0: 14
32. Emergency Planning	To review site/organisational contingency planning in the event of a major incident.	20	Emergency plans and procedures	Site Manager
	All significant and potential emergencies assessed,		Business recovery plan (site level and/or organisational)	H&S Advisor/ Manager
	planned and tested (rescue from height, excavations, fire, medical, electrical, adverse weather including		Training records	Supervisors
	flooding, scaffold collapse, confined space etc.).		Management meetings	Employees
	To confirm site management awareness and testing of contingency plans.			Contractors

### Preparing for the review

In order for the review to run as smoothly as possible, it is important for the organisation to prepare in advance.

With this specification document, the organisation will be able to determine the type of information they are likely to be asked for, and the persons that the auditor may wish to speak to. Documents should be readily available, whether in paper format or electronically. If held on computer, it would be advisable to print off an index list of what is available, so that the auditor can match the document to a particular element of the review.

Our auditors are flexible and will willingly review elements 'out of sequence' in order to accommodate members of staff who may only be available at certain times; however, it must be remembered that on short duration reviews there is limited time available.

### **Standardisation**

On an annual basis the British Safety Council reviews and updates the review process and its contents to reflect the current sector management techniques and relevant legislative requirements. The review is subject to periodic review and amendment and there is potential for bespoke versions of the specification to be developed.

Standardisation of acceptable evidence and auditor scoring is also reviewed on a regular basis as part of our internal QA process which includes both on-site and specific report feedback. There is also an annual appraisal interview and CPD review for our auditors.

### The tour of the premises and site

This important aspect of the review should be carried out at an agreed time and encompass all aspects of the site. During the tour, the auditor may take the opportunity to talk to employees, contractors and visitors to further verify the evidence required for the completion of the review. If more than one site is included within the assessment, the travelling time between sites must be taken into account during the scoping stage with the British Safety Council account manager.

### The competency of the auditor

The auditors receive initial training on the review protocol and this is updated as and when necessary. All our auditors are experienced health and safety practitioners with appropriate qualifications and membership of relevant professional bodies. They are expected to maintain their CPD as per the requirements of their membership of the aforementioned professional bodies. In addition the British Safety Council holds an annual standardisation meeting during which auditors receive both an update of organisational requirements and external CPD from industry specific experts. Auditors in their initial period of work are given additional support in the form of extra QA and one to one discussion with the audit portfolio manager.

### **Element headings**

1.0	Health and safety management	Score
1	Health and Safety System(s) and Arrangements	2!
2	Competent OH&S Personnel	2!
3	Consultation and Communication	30
4	Training	30
5	First Aid Facilities (including Occupational Health)	30
6	Workplace Inspections and Internal Auditing	30
7	Management of Change	20
8	Traffic Management and Access Routes	30
9	Control of Contractors	2!
10	Risk Assessment and Safe Working Practices	30
11	Work Equipment	2!
12	Mobile Plant and Vehicles	30
13	Permit to Work	30
14	Working at Height	40
15	Scaffolding	30
16	Lifting Operations and Equipment	30
17	Excavations	30
18	Control of Substances Hazardous to Health	30
19	Electrical Installations, Equipment and Portable Appliances	2!
20	Manual Handling	2!
21	Safety Signage and Notices	1!
22	Public Protection	2!
23	Accident, Incident and Near Miss Reporting and Investigation	30
24	Workplace Welfare Facilities	2!
25	Personal Protective Equipment	2!
26	Housekeeping	2!
	Sub section total	71!
2.0	Control of emergency incidents	Score
2. <b>0</b> 27	Fire Risk Assessment	2!
28	Alarm Systems	2!
29	Fire Fighting Equipment	2!
30	Evacuation, Drill and Instruction	30
31	Emergency Escape Routes, Exits and Lighting	30
32	Emergency Planning and Business Continuity	20
	Sub section total	15!
	Maximum available score	870
		0,1



# No-one should be injured or made ill at work.

### **British Safety Council**

70 Chancellors Road London W6 9RS United Kingdom

T+44 (0)20 8741 1231

**E** ask@britsafe.org

www.britsafe.org/audit

ff/britishsafetycouncil

☑ @britsafe

in /company/british-safety-council