Client-Side Health & Safety Advisor

DIOHAS

Facilitator: Paul Whitehead, CMIOSH, OSHCR, Dip IoD 3rd July 2023

Quadriga Health & Safety Ltd

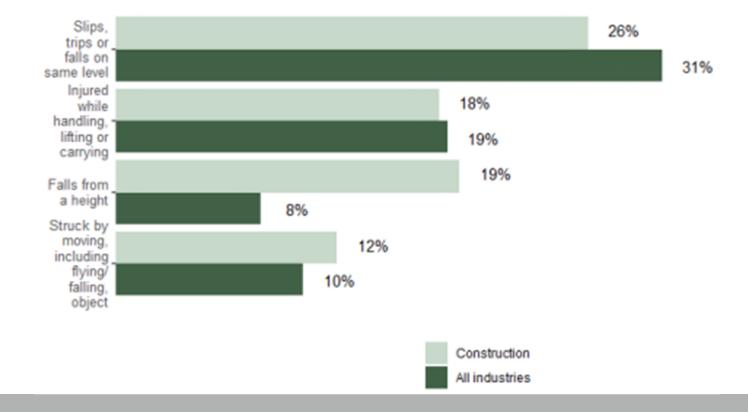
Commonest causes of accidents/ incidents/ ill health

- Poor leadership and no visible management commitment to safety
- Management to workforce disconnect and disrespect
- Pressure to meet deadlines that compromises safe working practices
- Work added to a pre-established programme
- Changes to sequence and timing of activities
- Changes in design or materials specification
- Changes to work practices made on the hoof
- Unrecognised/ observed hazards (management oblivious and workforce inured)
- Unheeded warnings and previous near misses (not a reporting/learning culture)
- Incomplete corrective actions in response to audit/review/inspection/event
- Management tolerance of known unsafe behaviours
- Misunderstandings not known, challenged or corrected
- Incomplete information on handover
- Poor communication in all cases

Categories of Non-Fatal Injuries in Construction

59'000 Injuries per year (on average) over 3-year period:

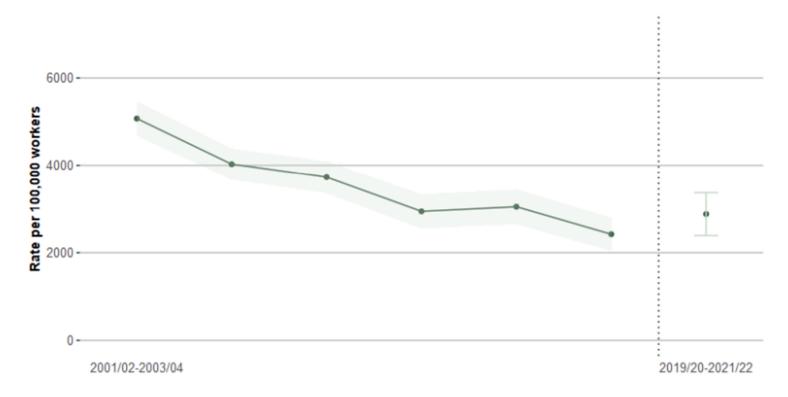
2019/20 - 2021/22





Non-fatal injuries – 2001 to today

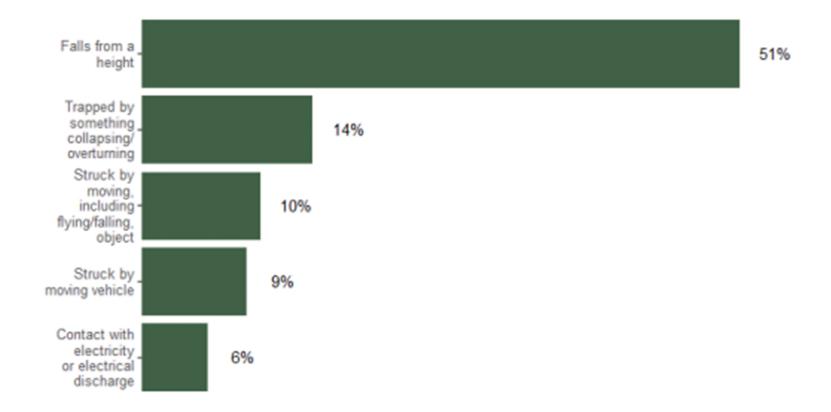
Changes over time



Quadriga Health & Safety Ltd

Categories of fatal injuries in construction in the UK

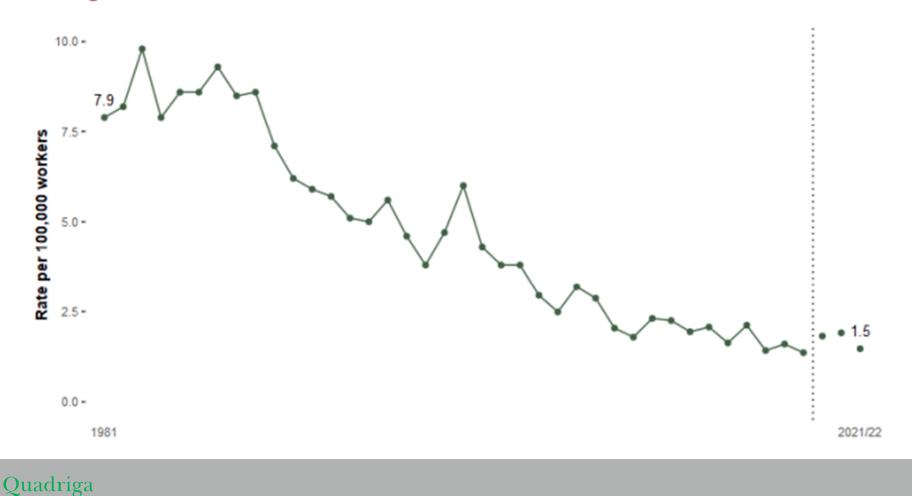
30 Fatal Injuries in 2021/22. Top 5 causes:



Quadriga Health & Safety Ltd

Fatality rates - 1981 to today

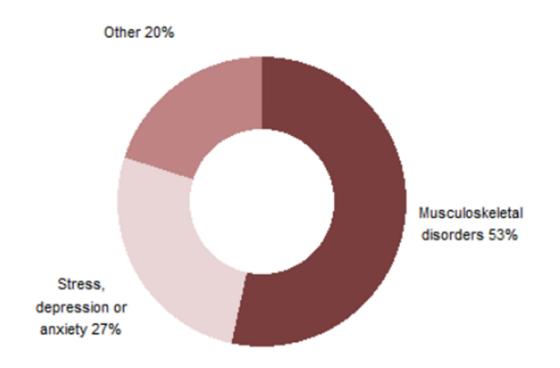
Changes over time



Health & Safety Ltd

Ill health in construction

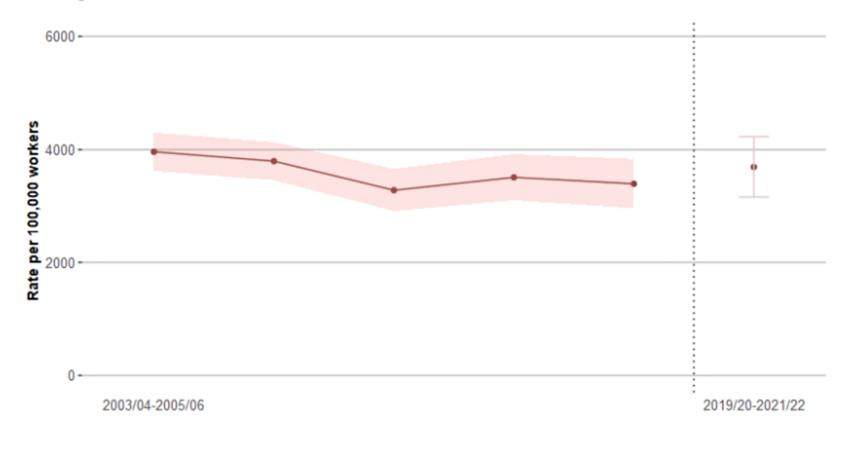
78'000 workers suffered from ill health averaged over the three-year period, 2019/20 – 2021/22:





Ill health - 2003 to today

Changes over time



Quadriga Health & Safety Ltd

General duties (corporate) – Designers/ PDs in mind

"It shall be the duty of every employer to conduct his undertaking in such a way as to ensure, so far as is reasonably practicable, that persons not in his employment who may be affected thereby are not thereby exposed to risks to their health or safety."

Health & Safety at Work etc Act 1974 (HASAWA) Section 3



Risk assessment and reassessment: the duty – designers/ PDs in Mind

"Every employer shall make a suitable and sufficient assessment of ... the risks to the health and safety of his employees to which they are exposed whilst they are at work [**and of others affected by his undertaking**] ... for the purpose of identifying the measures he needs to take to comply with the requirements and provisions imposed upon him by or under the [health and safety at work legislation].

Any assessment ... shall be reviewed by the employer ... if there is reason to suspect it is no longer valid ... or ... there has been a significant change in the matters to which it relates ... and where as a result of any such review changes to an assessment are required, the employer ... shall make them."

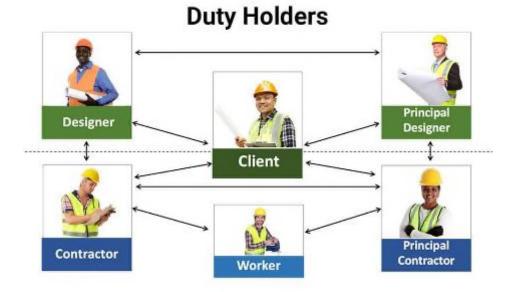
Management of Health and Safety at Work Regulations 1999 Regulation 3 (penalty for breach up through HASAW = unlimited fine)

Does it fit with any overall CDM plan and joint working with others?



The Construction (Design and Management) Regulations 2015 (CDM)

Defines Duty Holders & their legal duties:



- Client responsible for ensuring Principal Designer and Principal Contractor discharge their duties, including:
 - That work can be carried out safely, without risks to health, and that suitable welfare is provided.





The Construction (Design and Management) Regulations 2015 (CDM)



CDM duty holders* – who are they? Summary of role/main duties

Clients

Organisations or individuals for whom a construction project is carried out. Make suitable arrangements for managing a project. This includes making sure that:

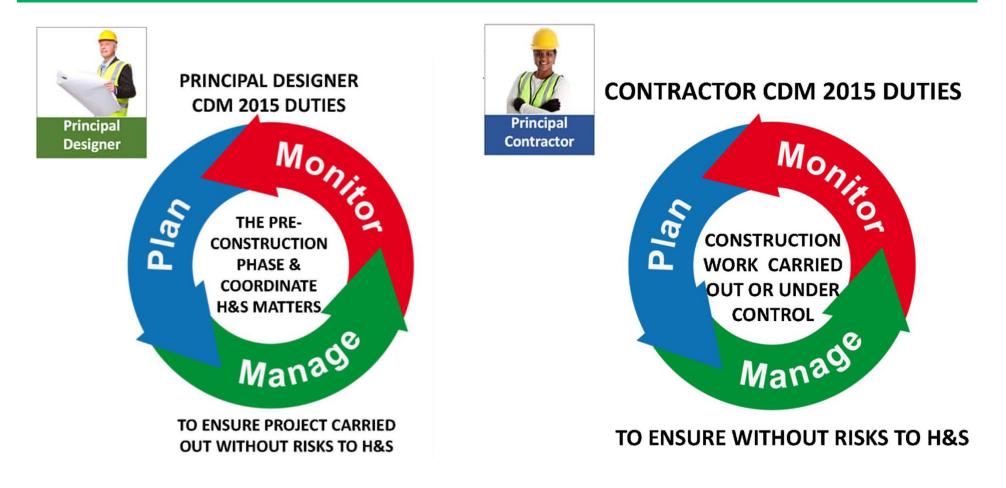
- other duty holders are appointed
- sufficient time and resources are allocated.

Clients must also make sure that:

- relevant information is prepared and provided to other duty holders
- the principal designer and principal contractor carry out their duties
- welfare facilities are provided.



Principal Designer (PD) & Principal Contractor (PC)





Principal Designer Review (2016)

Purpose:

- Can the Architects/Lead Designers fulfil the role of Principal Designer under CDM15 (Reg 11)?
- If so, how do they go about fulfilling the role?

(Client's duty to appoint a Principal Designer with the necessary skills, knowledge, organisational capabilities (Reg 4 and 8 CDM15)



Review Approach

- 53 Consultant Practices Approached;
- Letters sent/follow ups (Sept, Nov `16);
- 38 responses (72%) and 15 no. 'no response';
- Telephone Call/Meetings (Apr, May, June 17) 10 no. with 13 no. more arranged;
- Aide Memoires sent prior to calls (Feb, May, June 17).



Letter from Client states:

Client requires that, when you are employed on our projects going forward as Architect/Lead Designer, you fulfil the role of Principal Designer and deliver the full services as per our standard appointment (attached) via one of the following routes:

- Your practice has sufficient in-house capability to deliver the full services without the need for sub-consultants and to a standard that meets the requirements and spirit of RIBA, CITB and HSE guidance. This is the Client's preferred position.
- 2. Your practice employs *** as a sub-consultant to assist you in fulfilling your obligations, or a consultant who delivers a comparable service to that of ***.



Review Findings

- 37 practices (97%) committed to providing PD role;
- 13% (5 no.) providing role inhouse;
- further 16% (6 no.) in transition (to bring inhouse);
- 63% (23 no.) PD role through advice of 3rd Party;
- Of these 63%, 46% (10 no.) through ***practice.

Review Findings - other

- 2 practices wish to separate appointment (for PD and architect/lead designer);
- One Practice, not comfortable with taking on PD role;
- One Practice, wish to change ('ensure' designers fulfil their duties to 'make reasonable endeavours);



Role of the CDM Client Health & Safety Advisor

CDM Client Health & Safety Advisor to assist:

- Client to understand their CDM Client Duties
- Client to monitor what is happening in practice
- Client to push for exemplary standards both during:
 - the construction phase and
 - in relation to the safety of what they are going to get at the end of the project



Health & Safety Policy Statement

Statement For the Company For the Project



1.0 Policy Statement

The Company recognises that business success and professionalism is synonymous with achieving and maintaining high standards of health, safety and welfare on its sites.

It is the Company's policy to conduct its operations in a manner that ensures high standards of health, safety and welfare for its employees and all others on its sites, including the general public as far as its operations may affect them.

Success in achieving a healthy and safe culture throughout the duration of a project depends on individuals at all levels being enthusiastic, interested and committed at every stage of their work. Development and Project Directors will be provided with the necessary resources, information, instruction and training to undertake their work effectively and professionally.

Where Principal Designers, Designers, Principal Contractors, Trade Contractors and Professional Consultants are engaged to undertake work, or provide services, for the Company or their Client, reasonable enquires will be made to establish their resourcing and competence to undertake the work In these post COVID-19 pandemic times, the Company will continue to ensure a safe working

In mese post COVID-15 Jan Menters, since Stream, and administrative controls to reduce environment for employees and visitors with adequate engineering and administrative controls to reduce environment for employees and volumes inter exclusion engineering environment of respiratory infections, so far as is reasonably practicable, to protect the health and the spread of respiratory mecsanis, so far as to resource of the source of the spread webeing or employees and others. We will also work with our invaries periods and our professional consultants, Designer, Contractors, Property Managers, Occupiers of the estates and our professional consultants, Despress, Longacions, Property measures, Victorian or Victorian and Vict The Company will consult and enpage directly with employees and third parties with a view to actively The heath and safety performance of all individual parties and for the project as a whole will be kept

The heath and safety performance of all individual parties and for the project as a writting will be relevant procedures and guidelines, will be reviewed on an onspine heats by the Company's Construction Diverties on the produces of any statement of any stateme under review, This Policy, together with other relevant procedures and guidenines, will be reviewed on a nonjoing basis by the Company's Constituction Director on the advice of our retained health and safety consultance. Automatic second of the second of

Quadriga Health & Safety Ltd

Institute of Directors

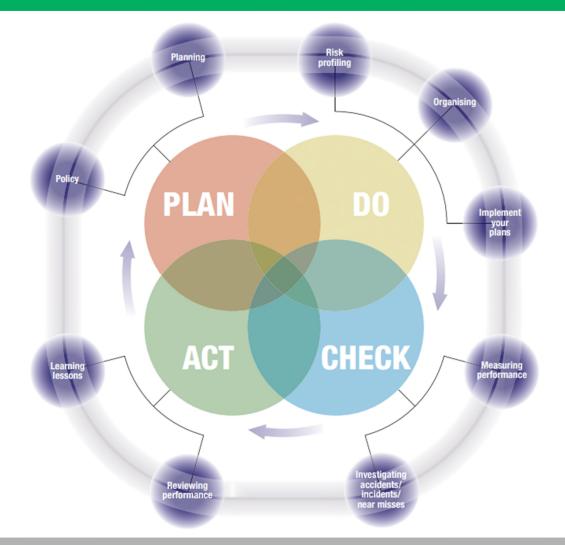
IФ

- Sets agenda for effective leadership of health and safety for Directors.
- "Failure to include health and safety as a key business risk in board decisions can have catastrophic results"
- Contains a useful checklist of key questions for leaders.





Plan, Do, Check, Act





Projects Health & Safety Policy and CDM Strategy

1.0 Policy Statement	4
2.0 Health & Safety Arrangements	5
2.1 Introduction	5
2.2 Safety and Health Objectives for Projects	5
2.3 Planning for Projects	6
2.4 General Arrangements for Projects	6
2.5 Competent Professional Health & Safety Support and Assistance	6
2.6 Monitoring of Health & Safety Arrangements for Projects	7
2.7 Skills, Knowledge, Experience and Organisational Capabilities (Competency) of Dutyholders	8
2.8 SPV CDM Clients	8
2.9 Information, Instruction and Training for Staff	8
2.10 CDM Requirements and Record Keeping.	9
3.0 General Responsibilities of All Who Visit Site	10
4.0 Specific Responsibilities - Chief Executive Officer	11
5.0 Specific Responsibilities - Construction Director	12
6.0 Specific Responsibilities - Development Director	13
6.1 General Responsibilities	13
6.2 Work Stage Responsibilities	14
6.2.1 During the Feasibility/Concept Phase	14
6.2.2 Pre-Development Phase	15
6.2.3 Construction Phase	16
6.2.4 On Completion of the Construction Phase	17
7.0 Specific Responsibilities - Head of Asset Management	18
8.0 Specific Responsibilities - Principal Designer	19
9.0 Specific Responsibilities - Designers	20
10.0 Specific Responsibilities - Principal Contractor	21
11.0 Specific Responsibilities - Trade Contractors	24

Appendix 1 - Health & Safety Procedures Flowchart Appendix 2 - Client Duties Tracker for the Project Appendix 3 - Competency Assessment Process for CDM Dutyholders Appendix 4 - CDM Health & Safety Forms 1 to 8

Form 1a, b, c Designer, Principal Designer Principal Contractor/ Contractor Questionnaires Forms 2a & b Pre-construction Information and Checklists Form 3 Approval for start of Construction Phase and Checklist Forms 4 to 5 Monthly Accident/Incident/Near Miss Statistics (Completed by Principal Contractor) Form 6 Rolling Record of HSE Presentations for the Project (Completed by Principal Contractor) Form 7 Monthly Safety League Table (example proforma, completed by Principal Contractor) Form 8 Delivery of Health and Safety File



Safety Leadership - Vision

"To create a project environment that encourages a culture of **care and concern for each other**, **intolerant of any level of harm** and **focussed on protecting the health and enhancing the wellbeing**

of the whole project team"



Client Setting Objectives within the System

Health & Safety Objectives for Projects

(i) To **achieve** excellent health & safety standards on all projects, as laid down in this Policy, through leadership and commitment in promoting a positive and **best practice** health & safety culture throughout the project team and all stages of the project works;







Client Setting Objectives within the System...

(ii) To apply throughout the project supply chain, the principles of fairness, inclusion and respect for the health & safety of individuals working on the project;





Client Setting Objectives within the System..

(iii) To **challenge** industry health & safety standards and **drive forward** improvements for the betterment of safety and health outcomes of all persons directly involved in the project construction works;

(iv) To **promote** throughout every project, excellent health & safety standards to prevent, so far as is reasonably practicable, incidents on site to those involved with the works or the public;





Client Setting Objectives within the System...

(v) To influence all dutyholders to be **proactive** in **looking ahead** at potential health & safety hazards at different project stages with the objective of **avoiding**, **designing** and **planning out** all risks that impact on the health & safety of all project stakeholders.





Quadriga Health & Safety Ltd

Further Objectives....

(vi) The development of an occupational health and hygiene strategy that starts at the design stage and results in the setup and implementation of a programme for the recognition, control and management of workplace health risks during the construction phase;

(vii) To promote wellbeing initiatives on the project with a view to driving forward improvements in the management of mental health and stress within the industry;

(viii) To ensure every project has implemented measures to reduce, so far as is reasonably practicable, the risk of spread of respiratory infections, by implementing adequate engineering and administrative controls.



Projects Health & Safety Policy and CDM Strategy

Projects H&S Arrangements for CDM Client

- H&S Objectives
- Planning
- General Arrangements
- Competent Professional H&S Support and Assistance
- Monitoring of H&S Arrangements
- Skills, Knowledge, Experience and Organisational Capabilities
- SPV CDM Clients
- Information, Instruction and Training for Staff
- CDM Requirements and Record Keeping



Professional Team – Client's Representatives

Fulfil fundamentals - highest standards of health, safety and welfare for all stakeholders

- Make suitable arrangements, maintained and reviewed for managing the project, including the allocation of sufficient time and other resources
- So that construction work can be carried out sfarp without risks to the health and safety of any person affected by the project
- Minimum welfare facilities (Schedule 2) are provided
- Reasonable enquiries made on skills, knowledge, experience and capabilities (of dutyholders);
- Dutyholder appointments made;
- Monitoring of dutyholder compliance;
- Provision of PCI
- Construction phase plan drawn up before works start
- Lodging F10
- H&S File prepared



Determining Competence

- Pre-qualification questionnaires
- Professional associations
- Technical qualifications
- Skills, knowledge, experience & capability (if an organization)









Competency Assessment Process for CDM Dutyholders (Assessment of Skills, Knowledge, Experience and Capabilities (SKEC))

OVERALL PROCESS

Stage 1 - Desktop Review of Contractor/ Consultant e.g. Principal Designer Competence via PQQ and Supporting Information



Stage 2 - Interview of Contractor/ Consultant on Project Specific Requirements



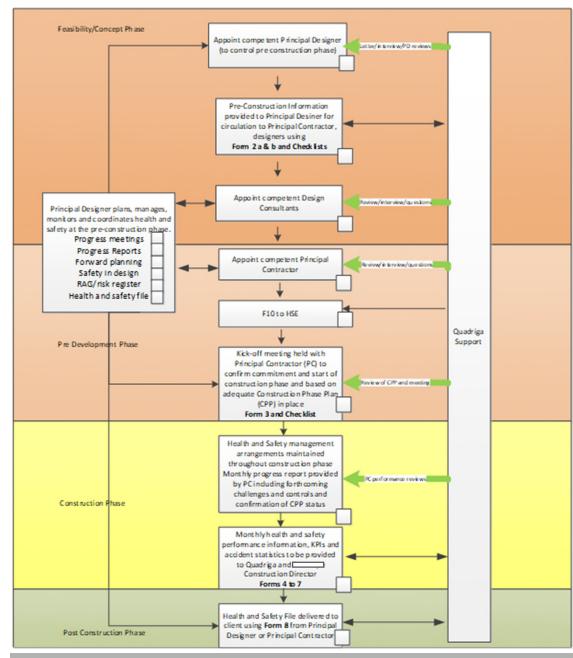
Stage 3 - Ongoing Review of Contractor/ Consultant Performance



Safety & Health by Design - Principles & Behaviours

- Thought Safety & Health is embedded within the thought process
- Risk Actively eliminate or reduce safety & Health risk and promote safe practices
- Communicate Effectively communicate Safety & Health risk where it remains





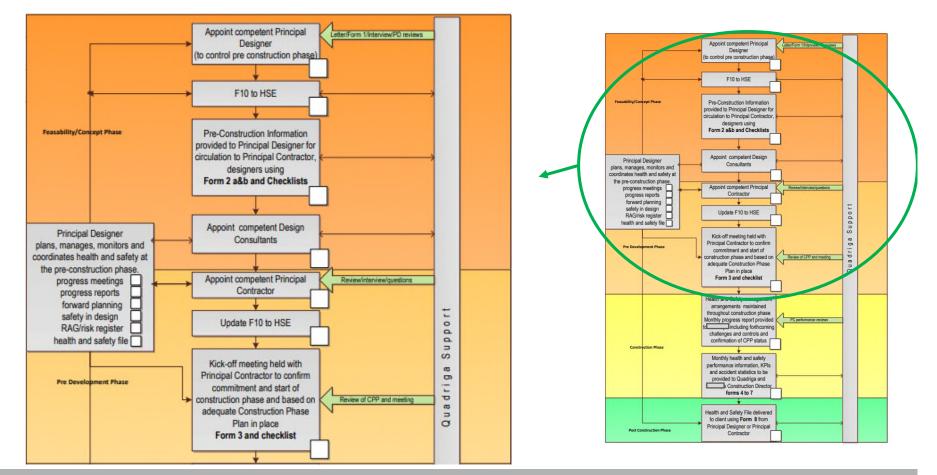
Health & Safety Procedures Flowchart

Signed Development Director	Date
Signed Principal Designer	Date
Signed Principal Contractor	Date

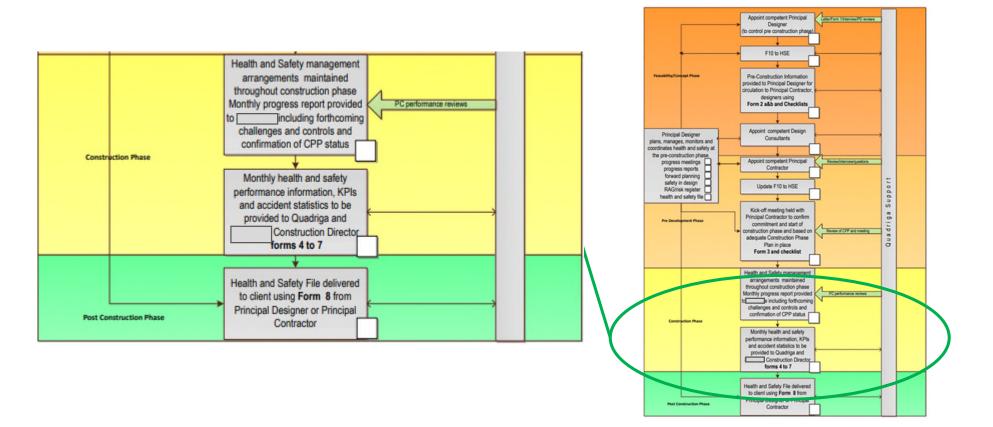
Quadriga Health & Safety Ltd

Projects Health & Safety Policy and CDM Strategy

H&S Procedures Flowchart



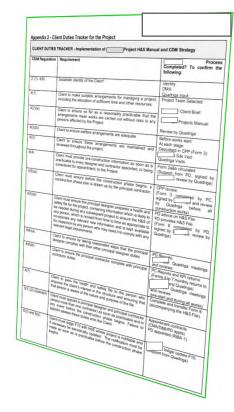
H&S Procedures Flowchart

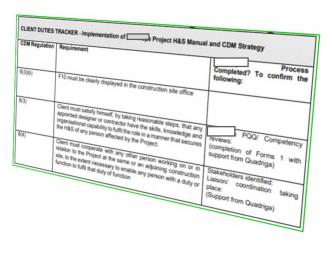


Quadriga Health & Safety Ltd

Client Duties Tracker

As a matter of formality, the Development Director is to keep the Health & Safety Procedures Flowchart and the Client Duties Tracker up to date as the project progresses and will be expected to provide updates to the Company's health and safety consultants, particularly at the various gateways and work stages.







Summary of CDM Requirements & Record Keeping

2.10 CDM Requirements and Record Keeping

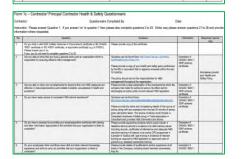
Development Directors will implement the requirements as laid down in this Manual and keep Quadriga and the Construction Director updated. A documented record is to be kept, through completion of the Health & Safety Procedures Flowchart and accompanying checklist, to monitor that each of the key Client responsibilities and intervention points for the Project are implemented, including the following:

- a) competent CDM Principal Designer, Principal Contractor and duty holder appointments are made;
- b) Principal Designer duties are fulfilled through review of progress reports and monitoring of Principal Designer performance;
- c) sharing of health and safety information including pre-construction information for the Project;
- d) notification of projects on the F10;
- e) Construction Phase Health and Safety Plan established and kept up to date;
- f) monitoring of Principal Contractor performance;
- g) Health and Safety File is provided to the Owner/Occupier;
- h) The Company CDM gateway Forms (as provided in this Manual) to support the above are completed and filed for the Project.



H&S Forms 1 to 8

	Hert:			
abe	relia 4 - CDM Health & Gafety Forms 1 to 8			
om	n 1a - Designer Health & Safety Questionnaire			
- 64	erlament Diversionable Completed By ** Dati			
atu	there. Please answer Question 1 to 7. If you arrayer incide question 1	free planes and complete Quantum 2 to 12. Planes percells i	Accession where list	infrast.
Le.	Gaile	Edims	made	Topos.
	On you table a value USP ("advery "internet or Procurement, wetchaste or #2	Phone provide many of the cartilization	Fryst Part (% See	pana
ĺ.	CHECKET THE CHECKET AND A STATE AND A STAT	Panda promi aggi a sa artagan	e compete (2 in C	
1	Vito is ultradey requisition for HAL with the Practice?	Phone provide Admin. If the AAE summer	And phone provide- type Health and Laders Follog and	
1	Has the Plastice semationer (2012) for larger arrangements?	DME-Flicker wagnests ned to a surplement HV Descent spinnests	Phase provide your Phase provide your Phase provide your Phase provide your	
*	Data of your workform (including from who are self-employed) who are working an including other indextaining a recognised transaction ecospilate, but Called to Calle Teather efforts sectorily	Determinant to foot them little /www.map.uk.com/amult	Plana provide an datigue	
1	On you have a shappend viscolar pairty or presignments determined	2		
1	Weil enreparants are inplices effort your repetiteden for the management of accupations (weilt journ) inducting market hadfor and helper?	Determine for the functions - ingo: transmittening of a determination of a determination of a determination of a determination of the	Passy posts distant form Programming	
1	Chen you uppendie hav were to a quarter Sirparet Kine of Adam?	Peans provin Annih II.B. Frange. * Company of Annih II.B. Frange. * Sanda pasa. * Tanàn anna ang ang ang ang ang ang ang ang a	Frank popular datas	
8	How your the practice streak that the Claim is place of their scales?	Phone provide your acceptentiality belows the Cost to pass its Adam protecting CDP Residence.		
-	1b – Principal Designer Health & Safety Questionnaire			
mbra	inipal Designer) Guestionnaire Completed By ** chin. Phase answer Guestion 1 to 7. If you answer for to guestion 1	Date	rfornden situm og	paster.
mbra:		Date	rhrralco shou to Heralie	(Automa
	chin. Please ensure Grantice 1 to 7. If you arrayse had to quantize 1	Date: then please else complete Questions & to 12. Please provide Destroye		
	ctin. Pean answ Gastin 1 to 7. Eya-answ 'n' to gaster 1 Unite Di po lai a sid 155 Solej labore s'haoren et attain e to 040 1951 estain e 101 HB1 estatu, e sunder estate ag 1 MB1 estatu et al e 101 HB1 estatu, e sunder estate ag 1 mB10	Date: then please else complete Questions & to 12. Please provide Destroye	Hamadian Fyna Jan-na canal o carajinin 20 lo 16 Jan-Yalati ani Jan-Yalati ani	(Autoria)
8h. 1	thir. Plane ensure Guestion 1 br. F. Byzu ensure for bigander 5 Sterren Disposition existing Stelling Sterren and Processing and taxes in 60-04-05 With certains of 2019 Stelling, inclusion ensurement and take and specific and an and stelling stelling in 2018 All and an any part of the specific and the stelling stelling in the Stelling	Dete: Teur please dies complete Ganations 1 to 12. Viewe provide Determe 6. Viewe punde cap of the certificale.	Phenodian Proc. Dan- us cand is complete Office 18 Met. Assess process proc. Matter and Danay Policy and Other Assess Phasess (2010) 11 Phasess (2010) 11	(Autoria)
1 2 3 4	the Please scale Galdre 11.6.7. Figures for tagenter 1 Deeps	DEE: The plane des complete Stanlares 1 to 12. Planes provide Dermon and the complete Stanlares of the second stanlares Planes provide stanlar of the HE context. Planes provide stanlar of the HE context. Determont requerements and Live is completed and HE Determont requerements.	Phendan Pyra Dania and a complete DF to tal Internet purchase purchase provide purchase Data Pacations Parameter pack	(Autoria)
80. 1 2 3 4	Alter Peter ausse Gradie 11 E.F. F. para annue for tagender 1 Marine Engelsen ausse Gradie 11 Alter para annue for tagender 1 Fangelsen auf der Erfahrt Jahrens in Hennes annue annue ausse Statist Fangelsen auf der Erfahrt Jahrens in Hennes annue ausse Statist Fangelsen auf der Haufertragender Fangelsen annue ausse Hennes Haufertragen und der Barten Schafter Hennes Hennes Hennes Hennes Hennes Hennes Hennes Hennes Hennes Henne	Difference of the second secon	Hamilton F pas tarre so seed to empire 2016 16 Metalana procide particular procide particular and Particular and Parti	(Autoria)
	the Please scale Galdre 11.6.7. Figures for tagenter 1 Deeps	DEE: The plane des complete Stanlares 1 to 12. Planes provide Dermon and the complete Stanlares of the second stanlares Planes provide stanlar of the HE context. Planes provide stanlar of the HE context. Determont requerements and Live is completed and HE Determont requerements.	Phenoder Pyra Dar- so cost o complete 10 lo 14 bits mana provide para facilita and Dany Madit and Dany Madit and Dany Madit and Parates and Parates Parates and Parates Parates Parates Parates and Parates Parates and Parates P	(Autoria)



• Form 1a: Designer H&S Questionnaire

• Form 1b: PD H&S Questionnaire

• Form 1c: Contractor/PC H&S Questionnaire

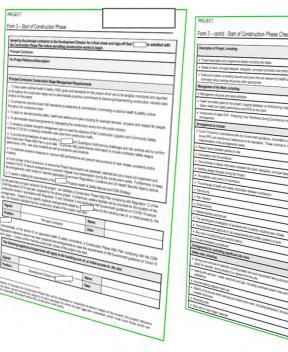


H&S Forms 1 to 8

Form 2a – Pre-Construction Information for Design Stage Stanhope's Project Health & Safety Objectives and Standards (i) To achieve the required project health & safety standards through client leadership & commitment in promoting a positive health & Safety subtractive the project team and all pre-construction, construction and post-construction stages of the project. (ii) To capily troughout the project supply chain, the principles of fairness, inclusion and respect for people. (ii) To challenge industry health & safety standards & drive forward improvements for the betterment of safety and health calcomes of all persons directly involved in the project construction works. (iv) To crimete all dulyholders to be practive in looking ahead at haards associated with the different stages of the project with the objective of browshow with the works, or affacting the public. (iv) To influence all dulyholders to be practive in looking ahead at haards associated with the different stages of the project with the objective of avoiding, designing and planning out the risks that impact on the safety and health of the Coronavirus, to ensure every Project has properly risk assessed, planned and as a result implemented and ministing COVID-19 secure arrangements at each stage to prevent and mitigate vitvu transmission. Furthermore, to keep the arrangements under review to meet the Government Regulations, Guidance and UK Health Security Agency advice applicable at any time. This form is given by the Development Director to the Principal Designer for completion and	Form 2a: Pre- Construction Information for Design Stage	Form 2b – Pre-Construction Information for Principal Contractor This form is given by the Development Director to the principal designer for completion and through their liaison to confirm and pass-on information about the state or condition of the site and/or structure and project requirements to the principal contractor. Furthermore, information is provided on the minimum amount of time allowed to the principal contractor for planning and preparation before the construction phase. Reference and/or Description of Project Extent and Location of Existing Records and Plans (including drawings, survey reports, Health and Safety Files)
through their fiaison to establish and acquire information about the state or condition of the site and/or structure. It represents information which implement or could be obtained by making reasonable enquires and may cover both the current or previous use of the site and/or structure. The form also provides information, where relevant, on the proposed use of the structure as a workplace. This information is important to the designers when they consider and integrate health and safety elements into the project design. Reference and/or Description of Project		Client: Principal Designer Designers Principal Contractor Construction Stage Management Requirements . . To have clearly defined health & safety goals and standards for the project which are to be tangibly monitored and reported on throughout the construction stage and to demonstrate proactive commitment to delivering/implementing construction industry best practice on the project.
Where the Structure Will be Used as a Workplace, the Relevant Aspects of the Finished Design ***Principal Designer to advise, where relevant, the Development Director and liaise with the Designers on the significant aspects of the design that will impact on the safe and healthy use of the completed development as a workplace** Extent and Location of Existing Records and Plans (including drawings, survey reports eggeotochical, structural, asbestos, utilities/drainage and information and health & safety files for existing buildings) Client:	Form 2b: Pre- Construction Information for PC	E. To achieve the required project health & safety standards by leadership & commitment in promoting a positive health & safety culture throughout the construction team: Fig. To apply on site best practice safety, health and welfare principles including for example fairness, inclusion and respect for people; For demonstrate robust arrangements for segregating the construction works from the public domain; To device a suitable transport management plan to meet the objective of the Construction Logistics and Community Safety scheme (CLOCS) in protecting vulnerable rodu users from construction traffic. For provide formal feedback at least monthly toe on forthcoming challenges and risk controls and to confirm the Construction Phase Health and Safety Plan is up to date. To provide health & safety performance information to incidents; vii. To implement proactive measures to improve health & safety performance and prevent reoccurrence of near misses, accidents and/incidents; viii. In the climate of the Coronavirus, to ensure the Project has properly risk assessed, planned and as a result will implement and mainia COVID-19 secure arrangements to prevent missing during the construction and us the construction and as a result will implement and mainia COVID-19 secure arrangements to prevent missing during the construction end us the start multiple virus transmission during the construction end UK Health Sourch Agency advice applicable at any time. by To assist in fulfilling the requirements of the Commitments of the Coronavirus, to ensure the projects Health Agency advice applicable at any time.

H&S Forms 1 to 8

• Form 3: Start of Construction Phase



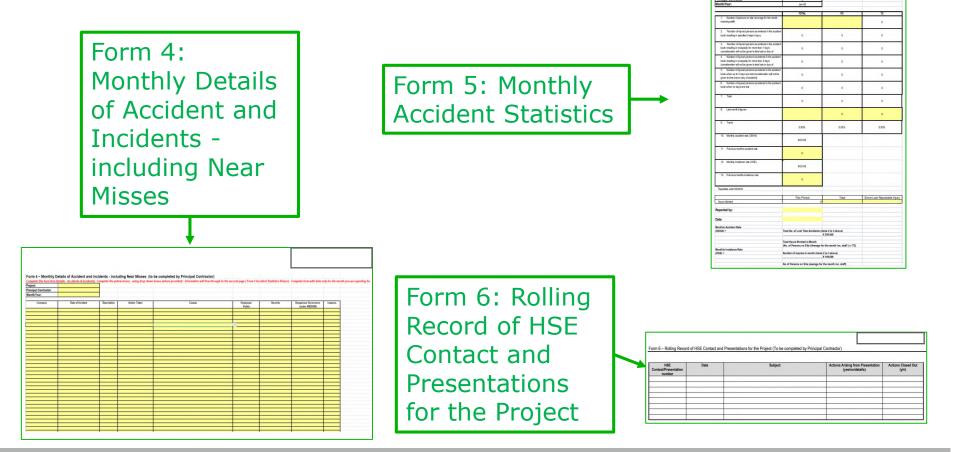
PROJECT.			
Form 3 - contid - Start of Construction Phase Checklist			
Description of Project, including:	T	-	-
	NA	info evalable	TBC
 Popel descriptor and programme details including key dates 	0	0	
 Deale of clerit prices began alongent prices contractly and other consultants 	10	-	-
 Callet and coalize of ending records and pans that are relevant to health and reflety on sele. Including internetion documenting discloses when appropriate 	0	0	
Ranapament of the Work, including	14		
Maraphet indust and reprodules	11		
 Health and sedem much be an 			
 Note and weight and a free stranger (single-stranger before the stranger strate strate		0	-
analysis and the state of the s		-	
Anaparent to include			
Cod Hostop & accelerate with the Section of polarise constables with evolving a section of advances to be sections. These controls to efficient does not used in indexected of the antipartees takes.	-	-	-
One stocps is applied with any investment proteins, constables with evolution, constrained and and and evolves and evolves the experiments of the surgivents have a surgivents have a surgivents have a surgivent have a surgive	-		
Appartiest bitwee parties priors and approximate the second bit influence for second and and apparties prior parties or p	-		
Creater da			
The excitence of a service of a		-	
Andre Australia Information Informer that class Australia	-		
The second		-	
No eacher and once of contractory		-	_
ToDarps of held and lates are			1
of BC/Ly Stream rules	-		
in midu	-		
2nte training	1		H
Refer for the section and the	1		
N Polidor ed accordinate factore un		- 14	
Hondow et endeligites of accessive activities L Hondow et reprise of your endeligites of accessive activities etterns and explore activities L Hondow et reprise of your endeligites of accessive activities etterns and explore activities etterns and explore activities L Hondow et reprise of your endeligites of accessive activities etterns and explore activities etterns activities L Hondow et reprise of your endeligites L Hondow et reprise of your endeligites L			11
n er wegee postan			41
The second secon	1		
Constant of the second of the		117	11
			11
		0	11
A DAY CONTRACTOR OF A DAY	LO	10	11
Alon with the factor of the local sector of th		14	
and a state of the		-	
		1	
the Prices	D		
antig tal	-	0	1
La rectation and the second se	D		
	-		1
	0		
0	D		
	-		
	0	Ы	
101	0		
		0	
		-	

orm 3 - contid	Start of Construction Phase Cherklist	
----------------	---------------------------------------	--

Anargements for controlling significant site risks (cont'd): Safety tals, including:		MA	info available	TBI
Control of Horp Servicions				
 De nativitatio il pieti ani esiptieti 				0
Toxi an exclusions and work where there are poor ground conditions Kink an early, indexentence	1	-	0	-
Kosi ze wala, underprovid werhande and jaar gound conditions	-	-	-	
Ampeneta la contraling applicant alle table (contral) Men raise accustoring applicant alle table (contral);		4		
Latery mails, including]		
Ref por second	_	Т		-
These processes where here is a call of dispersing These tracking during		$^{+}$	-+	-
	0	+	-	_
Rot e a lance or compressed an annual Rot local		+		
Table to least and supportion of wincless and posterior and Denses of manimal personance		Г		5
Service and advances and polestical and Service of networks performance and each exploring of Any other separate advances on a	10	⊢	_	
Any other significant of				
addi-date including	0	1		5
Duan		-	-	_
Coo Tard provide of terration of original a Histor The second of defaults				1
a wrong of attention	0		0 0	-
		_	-	
Renal Tendry		-		
n along have a statistic of the statisti	-121	_ (
- warden Address Land		1	1	
energy need and dancer	0	-	- 11	1
ton with carding loads	-121	0	1 1	11
Veran to (1) states	10	C		41
v der sigden fan te soj Nete sigden task te				н
And the second s		0		11
Andread Saday Fai				41
tox and provided the second se		n		п
	6	-	0	11
new bit koledar avi jedanoj di denan	14			11
Torial President	10			
		4		
	10			L
		5		L
	10	n	14	
	-	-		



H&S Forms 1 to 8





healthsafety.co.uk

orm 5 - Monthly Accident Statistics Return (to be completed by Principal Contractor)

H&S Forms 1 to 8

• Form 7: Safety League Table (to be completed by PC monthly)

Form 7 – Safety League Table (Example Proforma) to be completed by Principal Contractor each Month (NB. This is an example only, the PC should produce a table that includes the safety performance and KPI criteria that he considers appropriate)

Cor	Compliance with Method Statements Is contractor working in compliance with their method statement and do they submit task-specific MSs for unusual lextra works?	COVID-19 Secure Arrangements	Toolbox Talks Has the contractor carried out and submitted a weekly toolbox talk?	Attendance at Safety Meeting Who attended the last safety meeting?	Supervisory Control Is the supervisory control satisfactory?	Cleanliness of working area is contractor's working area clear?	PPE Do all the operatives wear the appropriate PPE in line with site rules and their own MSs?	Accidents/incidents Has the contractor had any accidents/incidents this month?	Safety Reports Close out of weekly reports?	Supervisor Daily Safe Starts	Includion)
Contractor	1= rarely, 2 = on main activities, 3 = usually, 4 = always, 5 = always, reviewed & revised	1= rarely, 2 = on main activities, 3 = usually, 4 = always, 5 = always, reviewed & revised	1 = no, 2 = some, 3 = weekly, 4 = weekly with relevant subject, 5 = weekly, relevant and full attendance	1 = no-one, 2 = sometimes, 3 = representative, 4 = manager, 5 = supervisor	1 = poor, 2 = average, 3 = good, 4 = very good, 5 = excellent	1 = never, 2 = on occasion, 3 = usually but not segregated, 4 = usually & segregated, 5 = always and always segregated	1 = few, 2 = some, 3 = most, 4 = all, 5 = all and work specific	1 = major, 2 = lost day, 3 = minor, 4 = none, 5 = none & actively prevented them	1 = repeat items, 2 = outside timescale, 3 = inside timescale, 4 = immediately, 5 = no items to close out this month	1 = few, 2 = some, 3 = most, 4 = safe start relevant to tasks, 5 = safe start & inspection relevant to task.	as herrennande



H&S Forms 1 to 8

• Form 7: Safety League Table (example completed)

				2022	- MAY	TABLE	AGUE	TY LE	- SAFI					
		Attendance to SHELT	PPE Compliance	Housekeeping - work areas left clean and tidy	Good Practice at Weekly EH&S Inspection	EH&S Observations closed in time	Attendance at Coordination Meetings (being punctual)	Observations from weekly EH&S Inspection	Attendance at weekly EH&S project inspection	Supervisor Ratios (1:8)	Supervisor's qualifications SSSTS/ SMSTS uploded on Msite	Engage and Influence (Sentis FLL)	IIF Course attendance	
		Attendance = 5 points	Excellent = 4 Points	Excellent = 4 Points	5+ = 4 Points	100-90% = 4 Points	100-90% = 4 Points	0-3 = 4 Points	100-90% = 4 Points	100-90% = 4 Points	100-90% = 4 Points	100-90% = 4 Points	100-90% = 4 Points	
Total as a %			V.Good = 3 Points	Company of the local division of the	4-5 = 3 Points	Concernance of the second	89-70% = 3 Points	4-6 = 3 Points	Contraction of the local division of the	89-60% = 3 Points				CONTRACTOR
Tot		-	Good = 2 Points	Good = 2 Points	3-4 = 2 Points	59-40% = 2 Points	59-40% = 2 Points	7-9 = 2 Points	59-40% = 2 Points	59-30% = 2 Points	59-40% = 2 Points	59-40% = 2 Points	59-40% = 2 Points	
		1. A.	Standard = 1 Points	Standard = 1 Points	1-2 = 1 Point	39-20% = 1 Point	39-20% = 1 Point	10-12 = 1 Point	39-20% = 1 Point	29-0% = 1 Point	39-20% = 1 Point	39-20% = 1 Point	39-20% = 1 Point	
Attendance + D Paints	No Attendance D Paints	Poor = 0 Points	Poor = 0 Points	0 = 0 Points	13-0% = 0 Points	13-0% = 0 Points	12 = 0 points	15-0% = 0 Points	No + 0	19-0N = 0 Points	19-0% = 0 Points	19-0% = 0 Points		
88		5	4	3	2	4	4	3	4	4	4	3	3	
86		5	3	3	1	3	4	4	4	4	4	4	3	
86		5	3	3	1	3	4	3	4	4	4	4	4	
86		5	3	3	2	3	4	4	4	4	4	3	3	
84		5	3	3	0	3	4	4	4	4	4	4	3	
82		5	2	3	0	3	4	4	4	4	4	4	3	
80		0	4	4	2	4	4	3	4	4	4	3	3	
78	_	0	3	4	0	4	4	4	4	4	4	3	4	
78		0	3	4	1	4	4	4	4	4	4	3	3	
78		0	3	3	2	3	4	4	4	4	4	4	3	
		0	3	3	0	3	4	4	4	4	4	4	4	
76	_	0	3	3	0	3	4	4	4	4	4	4	4	
_	_	0	3	2	3	3	4	3	4	4	4	4	3	
76	_	0	3	3	0	3	4	4	4	4	4	4	4	
	_	0	3	3	4	3	4	4	4	4	4	2	2	
-	-	0	3	3	1	3	4	4	4	4	4	4	3	
73		0	3	3	0	3	4	4	4	4	4	3	4	
73		0	3	3	0	3	4	4	4	4	4	4	3	
71		0	3	2	1	3	4	3	4	4	4	3	4	
-		0	3	3	0	3	4	4	2	4	4	4	3	
69	_	0	2	2	0	3	4	4	4	4	4	4	3	
-		0	3	4	0	4	4	4	4	4	4	4	1	
67	_	0	3	3	0	3	4	4	4	4	4	1	3	
57		0	3	3	0	3	4	4	3	*		4	3	



H&S Forms 1 to 8

 Form 8: Delivery of Health and Safety File

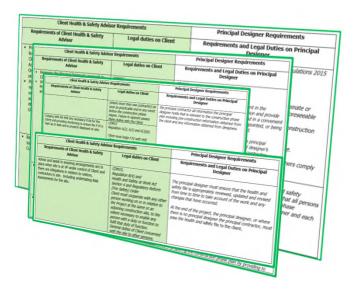
issued to the	Client at Premises Handover:			
For Project Re	eference/Description:			
Health and Sa	fety File Reference Numbers:			
Nature and Pu	rpose of the File (to be completed by the Principal De	signer)		
The Health and	d Safety File contains:			
	n needed to allow future construction work, including clean e carried out safely	ing, maintenan	ce, alterations, refurbishment and	0
Information in t	he file should aled these camins out such work to risks as	nd should help t	them to decide how to work safely	0
The file will be				
The file will be			out work there	0
The file will be Clients, who ha	useful to:		out work there	
The file will be Clients, who has Designers duri	useful to: ave a duty to provide information about their premises to th	ose who carry	out work there	
The file will be Clients, who ha Designers duri Principal Desig	useful to: ave a duty to provide information about their premises to the ng the development of further designs or alterations	ose who carry	out work there	
The file will be Clients, who has Designers duri Principal Desig NB. The file sh	useful to: we a duty to provide information about their premises to the ng the development of further designs or alterations ner and contractors preparing to carry out or manage such	ose who carry 1 work		
The file will be Clients, who ha Designers duri Principal Desig NB. The file sh acknowledge tha	useful to: we a duty to provide information about their premises to th ng the development of further designs or alterations ner and contractors preparing to carry out or manage such ould be kept up to date after any relevant work or surveys.	ose who carry 1 work		
The file will be Clients, who has Designers duri Principal Desig NB. The file sh acknowledge the egulations 2015	useful to: we a duty to provide information about their premises to th ng the development of further designs or alterations ner and contractors preparing to carry out or manage such ould be kept up to date after any relevant work or surveys.	ose who carry n work dance with the i		
The file will be Clients, who ha Designers duri Principal Desig NB. The file sh acknowledge the egulations 2015 Signed: Position: acknowledge tha	useful to: we a duty to provide information about their premises to th ng the development of further designs or alterations ner and contractors preparing to carry out or manage such ould be kept up to date after any relevant work or surveys. It the Health and Safety File has been prepared in accord Principal Designer/Principal Contractor (delete as relevant) the Health and Safety File has been delivered to the cliet	ose who carry 1 work dance with the i Name: Date:	requirements of Regulation 12 of the	CDM
The file will be Clients, who ha Designers duri Principal Desig NB. The file sh acknowledge the egulations 2015 Signed: Position: acknowledge tha	useful to: we a duty to provide information about their premises to th ing the development of further designs or alterations ner and contractors preparing to carry out or manage such ould be kept up to date after any relevant work or surveys. It the Health and Safety File has been prepared in accord Principal Designer/Principal Contractor (delete as relevant)	ose who carry 1 work dance with the i Name: Date:	requirements of Regulation 12 of the	CDM



	Intervention Point 1 – Pre-Construction Phase (RIBA 2, 3, 4)	Input		
1.	PQQ (initial) review of Principal Designer (PD) (form 1a and 1b)	PQQ & meeting, report & recommendations		
2.	PQQ (initial) of representative designers.	PQQ & meeting, report & recommendations		
3.	PQQ (initial) of Principal Contractor (PC) prior to appointment (form 1c)	SI/ Piling contractor, report & recommendations		
4.	Input on tender reviews (H&S requirements and robustness of tender submissions)	Main Contractor, observations & recommendations		
5.	Periodic review of PD (form 2a, 2b).	Meeting at end of RIBA stage 2, 3, 4, report & recommendations		
6.	Advise on implementation of H&S System for the Project, Client goals & objectives	Initial meetings with [] Client team (H&S Flowchart)		
7.	H&S Policy for SPV Client Project (where agreed as the strategy and need for the Project)	Document an SPV H&S Policy		
8.	Early works e.g. SI Works or fit-out of marketing suite, PC/ contractor engagement (form 3)	Review of Construction Phase Plan (CPP), F10, kick-off meeting		
9.	Undertake on site health and safety reviews of the SI, PC/ contractor arrangements (form 4 to 7)	Formal review of the SI/ early works contractor		
10.	Quarterly Reporting to Scient Board			
	Intervention Point 2 – Main Construction Phase (RIBA 5)	Quarterly note to Board on Project H&S status/ performance		
1.	Initial review of Main Contractor (PC) H&S arrangements (form 3)	CPP review, H&S goals, objectives, kick-off meeting and actions		
2.	Advise on F10 submission requirements	Submission of F10 (with Project team)		
3.	Health and safety reviews of the Main Contractor (PC) arrangements (form 4 to 7)	Formal on-site review (every two months) report & recommendations		
4.	Review of critical construction methodologies e.g. WAH, structural, fire, traffic management	Interventions as necessary with PC, observations/ recommendations		
5.	Ongoing review of PC's Construction Phase Plans (form 3)	As a guide two formal reviews per year and observations		
6.	Safety Leadership Team (SLT) engagement (PC and professional team)	SLT sessions (quarterly), input agenda, topics, actions (H&S Flowchart)		
7.	Engagement Review Project to be undertaken of PC, H&S Culture	Where needed, during main construction works over 10-week period.		
8.	Review on transition from RIBA 5 to 6 CDM application and logistics	PC, Asset Manager/ Property Manager, observations & actions		
9.	Quarterly Reporting to	Quantanta da Dacad en 1100 abetes for Davia de		
	Intervention Point 3 - Handover Phase (RIBA 6)	Quarterly note to Board on H&S status for Project		
1.	Health and Safety File Review, prior to handover (form 8)	Site tour (with PD), review of PD's H&S File report/ recommendations		

Client H&S Advisor and Principal Designer

Client Health & Safety Adviso	r Requirements	Principal Designer Requirements
Requirements of Client Health & Safety Advisor	Legal duties on Client	Requirements and Legal Duties on Principal Designer
 Development of the Health & Safety Policy arrangements for Client for the Project. To keep these arrangements under review and advise on any update changes that may be needed. Advise on the Client's obligations and duties under CDM 15. Review of health & safety arrangements for any early site investigation works, future site visits / site interventions. Advising on new health and safety legislation which may affect the Client and provide initial advice on the appropriate course of action and provide copies of the same when reasonably requested; Managing briefings to the Client team on health and safety related matters. Acting as the Client's appointed competent source of health and safety advice for the Project; Assisting the Client in meetings with contractors, designers or inspectors from the Environmental Health Department, Health and Safety Executive, Petroleum Authority or Fire Authority; 	Construction (Design and Management) Regulations 2015 (CDM 15) Regulation 4 (1, 2, 3) Establish H&S arrangements for the Project. Client to ensure welfare arrangements are adequate. Client to ensure these arrangements are maintained and reviewed throughout the project.	Construction (Design and Management) Regulations 2015 (CDM 15) Regulation 11 (1-7) The principal designer must plan, manage and monitor the pre-construction phase and coordinate matters relating to health and safety during the pre-construction phase to ensure that, so far as is reasonably practicable, the project is carried out without risks to health or safety. In fulfilling these duties the principal designer must take into account the general principles of prevention and, where relevant, the content of any construction phase plan and health and safety file.







Monitoring and Engagement

Project Engagement Programme Client Presentation

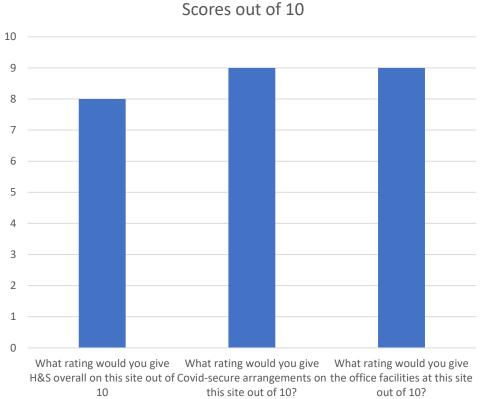


Presenters: Quadriga and Principal Contractor August 2021



Scores Out of 10...

Feedback from PC Managers, Trade Managers and Supervisors



COVID

"best in last year" "glad they're doing it" "very hot on it" "no need to wear face coverings outside"

WELFARE

"cleaners worth weight in gold" "toilets are brilliant – always clean" "nice cleaners" "brilliant facilities" "best experienced on a site" "expensive canteen"

Thinking of PC at this Site cont'd

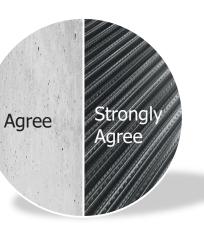


Site Managers lead by example

Site Managers recognise when workers do things right or well

I trust Site Managers to take the right action on H&S matters

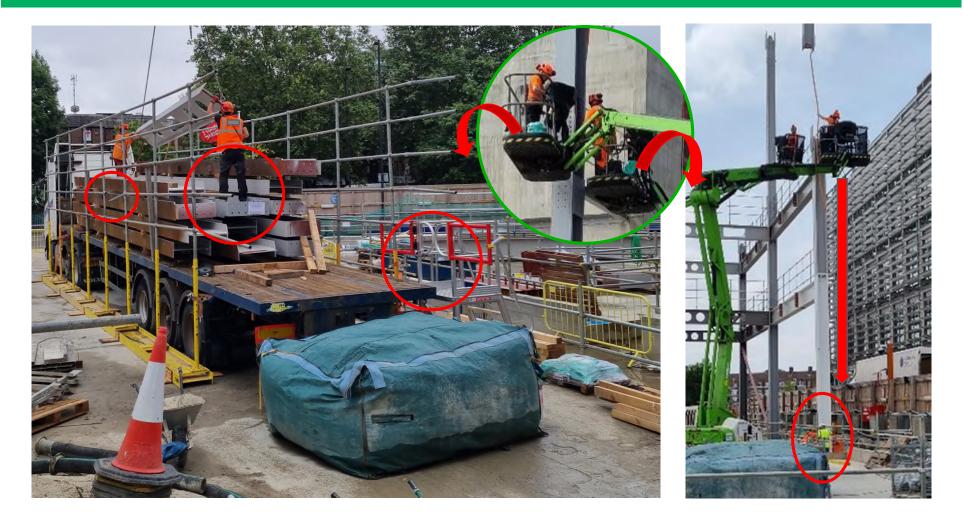
Agree



Feedback from Operatives



Safety observations and Opportunities for Improvement





Health observations made by Quadriga and Opportunities for Improvement





Health & Safety Arrangements Review for

Address Principal Contractor: Principal Contractor:
Principal Designer:
Contractors: - groundworks, pling (comolete). 2 no. sliptorms, mobilising on site and preparing concrete core for beam connector plates. Persons Seen: Advisor
Nature of work:
New build RC core & steel/RC floored 11- drave commercial dructure. Stage of Project: Skiform at level 10. CWW commenced. Construction start/finish: September 2200 – July 2022 (Uodsted 27 December 2020).

Photographs













Falls briefing and video.

Step required realignment.

Issue 1: July 2021 ID Quadriga Health & Safety Ltd

Page 1 of 2

.



Quadriga Monitoring

Item Ref	3	
Area	Monitoring Arrangements	
Legal/Industry Requirements	The Construction (Design and Management) Regulations Regulation 15 (duties of contractors); and <u>HSE Guidance L153</u> , 'Standards should be checked regulation	
Comments		ing on the terrace of level 48 and 26, were sampled. These and covered the waterproofing alongside the slab cutting. e slabs but a risk assessment for this activity and the had not been undertaken since 30 th May 2023.
Recommendation for Action	 We recommend theRAMS are reviewed in line with include a risk assessment for the use of masonry bench set. We recommendremind all contractors on site 	
Photographs		
	masonry saw	PUWER Inspection register



Safety Leadership Team - Health & Safety Charter

- Safety is the number one priority.
- Safety of everyone is your responsibility lead by example.
- We adopt a questioning attitude and do not take risks.
- We acknowledge and act upon reported events.
- We recognise good performance and safety initiatives.
- We consider the welfare of others at all times.

Questioning approach..."What is slow, uncomfortable or inconvenient about doing this job safely?"



Safety Leadership – Individually/ Collectively

- Challenge the status quo on the Project;
- Inspire individuals on the Project to be healthy and safe;
- Be a good role model for all Project stakeholders;
- Show consideration to the Project workforce;
- Communicate regularly;
- Create an environment where everyone is encouraged to immediately challenge unsafe situations and behaviours including those which can cause harm to health.
- To sustain a culture to allow everyone to know that they are empowered to speak up and intervene.



Client H&S Reporting to Board

Board Report Structure:

- 1. Executive Summary on Overall Health & Safety Performance of the Company
- 2. Future Targets and Actions for the Board (The Annual Action Plan)
- 3. Summary of Recommendations for the Board for the next Quarter
- 4. Accidents, Incidents, Near Misses
- 5. Adequacy of the Company Response in relation to these Incidents
- 6. Overall Performance on the Company's Projects and Assets
- 7. Learning Points and Areas for Improvement
- 8. Specific Focus Topic in the Last and Next Quarter
- 9. Implementation of the Company's Management System for Projects
- 10. Industry Update and Legislation

Appendix 1 - Health and Safety Action Plan for 2023 for Projects, Assets and offices

Appendix 2 - Engagement with Principal Contractors, Contractors, Designers and Client on Health

& Safety Arrangements in last quarter

Appendix 3 - Schedule of Client Duties under CDM 2015 Part 2, Regulations 4, 5 and 6 and Part 3,

Regulation 8 and associated HSE Legal Guidance L153

Appendix 4 – The Company's Accident/Incident Statistics Performance vs Industry (seven years July 2015 to June 2022)

Appendix 5 – The Company's Formal Health & Safety Intervention Points for Projects with Support from Quadriga

Appendix 6 - The Company's Tracker for Implementation of CDM System

Quadriga Health & Safety Ltd

Client Areas of Attention (for PD)

- A process is in place for the Principal Designer to comply with their duties to plan, manage, monitor and coordinate health and safety during the pre-construction phase of the project;
- Reviews of design and working methods are undertaken at relevant stages of the project, as the information is developed. These reviews will consider the impact of the project on the health and safety of relevant parties such as the installer, future occupiers and maintenance
- Early formal appointment of a competent and adequately resourced Principal Designer is made based on formal enquiries on their knowledge, skills, experience, organisational capabilities and track record;
- With the assistance of the Principal Designer, Pre-construction Information is gathered from the Owner (where relevant) on the condition of the site and/or building for the Principal Designer to subsequently pass on to the Designers, the Principal Contractor and Professional Team;



Client Areas of Attention (for PD)

- Surveys are carried out, as necessary and taking the advice of the Principal Designer, to determine the presence of hazardous materials or conditions on the site;
- Designers, Consultants including Surveyors are appointed, provided formal enquiries on their knowledge, skills, experience, organisational capabilities and track record have been successfully made;
- Through advice from the Principal Designer, the Health and Safety File format, proposed content and its' relationship with other documents such as the O&M manuals, services log book and so forth, are agreed with the Client and relayed to the Principal Contractor;
- Formal workshops are held at each RIBA stage with the Principal Designer that includes a review of the 'risks and opportunities' arising from the feasibility, concept and pre-development phase.



Client Areas of Attention (for PD)

- Trade Contractors, Designers and Consultants work effectively with the Principal Contractor, all dutyholders cooperate with the Principal Designer and induction courses or briefing sessions are held to instil this discipline;
- Where the Principal Designer role is transferred at novation of the contract to the Main Contractor, there is a formal handover meeting to establish the work completed to date and a baseline from where the Main Contractor takes forward the dutyholding role.
- The Principal Designer, or Principal Contractor, where the Principal Designer's appointment has ended, is collating information for the Health and Safety File;
- The Health and Safety File provided by the Principal Designer, or Principal Contractor where the Principal Designer's appointment has ended, is handed to the premises Owner/new Owner/Occupier;
- `Lessons Learnt' sessions are arranged, which include a review of the role of all parties involved in the project, to feedback experiences;



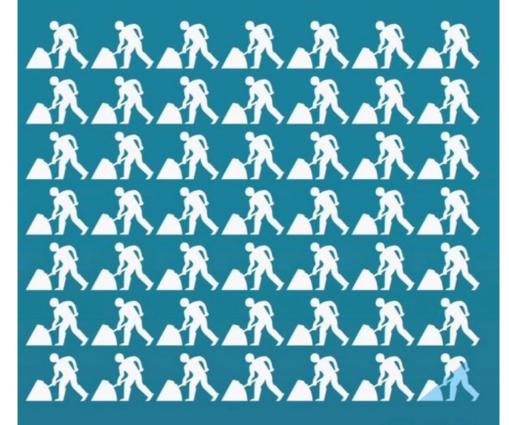
Considerations

- Principal Designer Appointments (nature of these)
- Use of word 'Ensure'



And finally...

99% health Approx 13,000 died from work related disease



1% safety 133 workers died in accidents at work



Client-Side Health & Safety Advisor

DIOHAS

Facilitator: Paul Whitehead, CMIOSH, OSHCR, Dip IoD 3rd July 2023

Quadriga Health & Safety Ltd