

SaferSphere

Today

EXPERIENCE
RANGING FROM
MINOR PROJECTS
OF £20K THROUGH
TO MAJOR
DEVELOPMENTS
TO THE VALUE
OF £500M

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NOT SURE ABOUT BEING PRINCIPAL DESIGNER...

Safer Sphere understand that designers have little in the way of support by the CDM Regulations 2015 Guidance, nor any formalised training mechanism as such as those that CDM Coordinators and Contractors have had historically. We also acknowledge that CDM and H&S compliance forms one of a multitude of considerations that must be addressed by designers and their organisations. In order to offer support to Principal Designers in compliance with their legal duties under the CDM Regulations 2015, Safer Sphere has developed a number of CDM services. These services have been developed with designers in mind, to be simple and easy to implement, whilst ensuring full compliance and assisting with best practice solutions.

PRINCIPAL DESIGNER SUPPORT SERVICES:-

RIBA Stage 1 (Brief) to 4 (Technical Design)

- Make the client aware of their duties under CDM 2015 with relevance to the project
- Attend the site/premises to carry out a full pre start assessment and review with respect to health and safety considerations required during the design, build and end use;
- Work with the PD and other parties to obtain, review and profile the required CDM pre construction safety information. Identify any gaps or information requirements in respect to the CDM pre-construction information;
- Ensure all H&S pre-construction information is issued for tender packs and/or direct to the Principal Contractor and other key duty holders as required.

- Work with designers and co-ordinate amongst them so that designs pay adequate regard to health and safety in construction, cleaning, use and deconstruction and the effects on third parties.
- Attend project meetings as required and/or producing CDM reports throughout the appointment.
- Provide safety advice and support for the project team for the duration of the appointment.

RIBA Stage 5 (Specialist Design & Construction) to 7 (Project Handover)

- Liaise with the Principal Contractor regarding health and safety matters during the construction phase.
- Input on design changes as advised, which may affect health and safety during the construction phase or the end use.
- Attend project meetings as required and/or producing CDM reports throughout the appointment.
- Provide safety advice and support for the project team for the duration of the appointment.
- Agree the contents, structure and format of the Health and Safety File along with the collation and transfer arrangements;
- Coordinate the creation of a new suitable Health and Safety File, or review, amend or make additions to an existing Health and Safety File. Ensure the H&S File is complete as agreed and handed over to the client/end user at the appropriate time, subject to information being provided and available from the principal contractor and design team.

Please contact Safer Sphere for any health & safety consultancy service fee quotations on **01744 768023** or email: info@safersphere.co.uk

welcome..



INTO February and the construction industry is picking up pace again.....This months Safer Sphere Today provides an insight into our business and provides topical bulletins.

Safer Sphere are also proud to confirm that we have obtained the new Corporate Member status with the Association of Project Safety. Safer Sphere now hold SSIP Accreditation to provide Client CDM Advisor, Principal Designer Advisor and Principal Designer roles under the CDM Regulations 2015.

In other news we would also welcome Allan Briscoe to the business as our CDM Consultant. Allan adds to our expertise with a wealth of experience from an Architectural background.

Safer Sphere operate on nationally from our headquarters in the North West. If you have a need for any business or project support please do get in contact with our team.

Kind Regards

A handwritten signature in black ink, appearing to read "M. Forsyth".

Mike Forsyth

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wins & completions...



HARPER ADAMS UNIVERSITY – ST MARGRET'S LABORATORY

CLIENT: Harper Adams University / Walker Sime Ltd

CONTRACTOR: Paveaways Ltd

SERVICES: Client CDM Advisor and Principal Designer Advisor

University bosses want to increase the size of the campus at Edgmond on the outskirts of Newport to cope with its high demand for agricultural science courses from students.

Work has started to prepare the site for construction and it is thought the scheme will be complete during the 2016/17 academic year.

A planning application was lodged with Telford & Wrekin Council earlier this year and has now been given approval.

COMPLETED

WORCESTER HOSPITAL A&E EXPANSION

CLIENT: Engie / Pinnegar Hayward Design

CONTRACTOR: M&O Construction

SERVICES: Client CDM Advisor & Principal Designer Advisor

THE A&E department at Worcestershire Royal Hospital is to be expanded by about 50 per cent as part of a £4.9 million project.

Worcestershire Acute Hospitals NHS Trust is developing plans to expand the size of the department using modular units while also creating a new discharge lounge and up to 150 new car parking spaces.

COMPLETED



CASE STUDY



**Safer
Sphere**

CLIENT

**Engie Facilities Management
Central Manchester
University Hospitals**

SERVICE PERIOD

2012 to present



“Safer Sphere provide Health and Safety management to the challenging and fast moving construction projects at the Central Manchester University Hospital PFI, with great benefit to our operations and business H&S objectives. Their advisors have an excellent grasp of construction health and safety, they have embedded their knowledge and experience into our complex organisational systems, and have applied them at project level in a practical, simple and coherent manner. For other organisations requiring construction health & safety assistance, I would look no further than Safer Sphere”.

Phillip Hyde EFM Project & Life Cycle Manager

SERVICES

CONSTRUCTION HEALTH & SAFETY, ADVISORS AND PRINCIPAL DESIGNER ADVISORS

SERVICE DESCRIPTION

Safer Sphere provide construction Health and Safety Advisor services to Engie FM as a Principal Contractor & Principal Designer to ensure and assist their project team in managing compliance within their wider organisational OHSAS 18001 safety management system. The scope of service includes:-

- Advising site management on all H&S matters;
- Principal Designer Advisor services in line with CDM 2015.
- Assisting with H&S in designs, buildability and programme to reduce risk profiles;
- Develop, monitor and maintain project CPHSPs;
- Pre-Contract reviews with sub-contractors and packages;
- Control measure appraisals alongside fortnightly physical inspections;
- Reviews of high risk activities and applicable safe systems of work;
- Upholding behavioural safety programme and ethos;
- Advising on compliance with organisational operating procedures and minimum standards;
- Incident investigation and reporting with lessons learnt and improvement strategies.

SERVICE CHALLENGES

This project appointment is a diverse and complicated role requiring highly competent input with a practical application. Some of the key challenges include:-

- Liaison with a number of stakeholders in the complex PFI framework;
- Varying and challenging array of projects running simultaneously in operational healthcare environment;
- Complying with standards developed within the organisation at the cutting edge of best practice;
- Ensuring the ongoing safety of adjacent healthcare operations, protecting the patients, staff and general public.



wins & completions...



WELLESBURNE DISTRIBUTION PARK

CLIENT: Griffen Capital
CLIENT: A&H Construction
SERVICES: Client CDM Advisor & Pre-Contract Principal Designer Advisor

COMPLETED

The project comprised the design and construction of an industrial unit totalling a minimum of 132,053ft² gross internal floor area, inclusive of the first and second floor accommodation. The external areas include, service yards, dock levellers, car parking, footpaths, landscaping and site furniture including canopies and a gatehouse.

SALT HILL PARK AND LANGLEY LEISURE CENTRE

CLIENT: Gt3 Architects / Walker Sime Ltd
CLIENT: Principal Designer Advisor

WON

The refurbishments total £14.6million of investment by the council in the town's leisure facilities on top of the provision of a new leisure centre on Farnham Road and the comprehensive refurbishment of the Ice Arena.

Start-up Design Consultants and Contractors

CONTACT US TO FIND OUT MORE!!

FREE CDM / H&S SUPPORT SYSTEMS FOR THE FIRST YEAR



PROCTOR & GAMBLE RESEARCH AND DEVELOPMENT CENTRE - READING

CLIENT: Proctor & Gamble
SERVICES: Principal Designer Advisor

Procter & Gamble Co. intends to build a research & development facility for its Gillette brand of razors as part of a major expansion of an innovation center in England.



The Reading Borough Council's planning applications committee is to decide Feb. 8 whether to approve the plans of the Cincinnati-based consumer goods company (NYSE: PG).

The Reading Gillette Innovation Centre, which is about 41 miles west of London and reportedly now employs 200, will more than double in size when 250 other P&G employees move from a location near the Surrey district town of Egham.

P&G intends to build a two-story facility that will encompass about 75,300 square feet and include laboratories, offices and storage warehousing, according to documents filed with the Reading Borough Council. A four-story garage that could accommodate 190 automobiles is also planned.

The new structures would occupy about 3.7 acres of the P&G site in Reading. P&G plans to demolish the southwest wing of the existing three-story Gillette building, the ground-floor security gatehouse and ancillary substation, and external store buildings.

LIVERPOOL WATERS

CLIENT: Peel Land & Property / Walker Sime Ltd
SERVICES: Strategic CDM Advisors

The masterplan for the £5.5bn scheme to transform Liverpool's northern docklands was launched by developer Peel in March 2007. The scheme would see the building of skyscrapers, housing, offices and even a waterfront cultural complex.

Liverpool council approved Peel's plans in 2012. In early 2013 the Government decided it would not call them in for a public inquiry, effectively giving them the green light.

Liverpool Waters in fact stretches almost as far as the Royal Liver Building, and there has been plenty of activity in and around Princes Dock, with more to come next year.

Behind the scenes there's plenty of planning going on for the rest of the site – and that's before we consider the potential for an Everton stadium at Bramley-Moore dock.

As Ian Pollitt, assistant project director at Liverpool Waters, said: "There's a lot of work going on behind the scenes. Things don't just fall into place by accident."



TEESIDE NATIONAL HORIZONS CENTRE

CLIENT: Teeside University
SERVICES: Client CDM Advisor & Principal Designer Advisor

The Darlington-based National Horizons Centre (NHC) is a partnership between Teesside University, the Centre for Process Innovation, Darlington College, Darlington Borough Council and C-STATE, the Centre for Subsea Technology Awareness Training and Education.



DECODING THE PRINCIPAL DESIGNER:

HEALTH AND SAFETY POST-CDM 2015

FURTHER to our short article in the last Safer Sphere Today, there is still hot discussion on the Principal Designer role under CDM 2015. In 2015, the Construction (Design and Management) Regulations – the benchmark by which construction health and safety best practice is determined – were revised, fundamentally changing the way in which the construction industry now operates.

Chief among the changes made was the role of the newly-minted Principal Designer, which replaced that of the now defunct CDM Coordinator. And yet, perhaps understandably, there continues to be some confusion over the specifics of the new role, the responsibilities entailed and the organisations or individuals best placed

to make good on those responsibilities.

For the uninitiated, the Principal Designer is charged with planning, managing, monitoring and co-ordinating health and safety during the pre-construction phase of any project involving more than one contractor. Typically, the Principal Designer is – as the name implies – a designer with some measure of control over the pre-construction phase to ensure design health and safety protocol is followed.

But why a designer? The

reason is quite simple. Often, the design decisions made during the pre-construction phase can impact significantly on health and safety performance further down the line. As such, it is essential that the Principal Designer work in close collaboration with other designers, the Client and Principal Contractor to make certain foreseeable risks are managed throughout the design process. The desire is therefore that the Principal Designer is a “designer” inherent to the project and in “control” of the design phase.

Unlike the former CDM Coordinator role, the Principal



Designer appointment is therefore flexible around the above requirements. Who & when is not fixed and depends upon the procurement routes adopted. For example, a traditional contract may give the Lead Designer scope to be the Principal Designer throughout the scheme and their wider appointment. A Design and Build Contract however, initiated just prior to commencement of work on site, may see the Lead Designer acting as Principal Designer pre-contract before passing the role over to the D&B Contractor upon their appointment.

The Principal Designer must ensure other designers identify, eliminate or otherwise

control potential design risks during construction – the maintenance of a structure, the use of that structure as a workplace and its eventual demolition or decommissioning, for example. It's a significant undertaking then, a direct Client appointment that cannot be delegated.

Understandably, the chosen organisation or individual must demonstrate the appropriate health and safety skills, knowledge and experience – otherwise known as SKE. According to the Health and Safety Executive, the level of SKE should be “proportionate the complexity of the project and the range and nature of the risks involved”.

Principal Designers are also tasked with providing relevant information on significant risks to the wider project team - significant being the operative word. These are not necessarily the greatest risks. Rather, they are the risks that are unlikely to be identified otherwise – those that pose a significant challenge to effective risk management. According to the accompanying CDM 2015 guidance, this information should be “brief, clear, precise and in a form suitable for the users”.

CDM 2015 remains a slippery subject however. We know what is expected of the Principal Designer but not always so easier who is best placed. As mentioned, the Principal Designer is expected to have relevant technical knowledge and a clear

understanding of the skills necessary to manage and co-ordinate health and safety during the pre-construction phase. This includes any design work undertaken after construction has begun. The definition of “designer” is wide reaching. The role could be fulfilled by the Architect or Engineer, for instance, the Project Manager, the Contractor or, in some cases, the Client.

In fact, the onus is on the Client from the very beginning. It is they who must appoint in writing the Principal Designer, to oversee the pre-construction phase, in addition to the Principal Contractor. If for any reason the Client fails to appoint either one of these, the burden of responsibility then falls to them.

Crucially, no organisation or individual should assume responsibility for the Principal Designer role unless they have the skills and experience necessary. You can and maybe should say no, despite what you might hear to the contrary, if you cannot establish the competence. There is always the option of “buying-in” the expertise to substantiate your skills, knowledge and experience which is where Safer Sphere offer significant value by supporting the Principal Designer where appointed.

There's little doubt that the Principal Designer is here to stay. The sooner we as an industry understand and embrace the role, the better it will be for health and safety overall.



BALFOUR FINED £230K AFTER FLOOR GIVES WAY UNDER BRICKLAYER



Balfour Beatty Regional Construction Limited has been fined £230,000 after flooring at a house-building development gave way, injuring a worker. Newcastle Crown Court heard how a worker was on the first floor of a new build domestic property when the floor gave way at one side.

The worker and approximately 70 building blocks slid 2.4 metres, vertically, to the ground. He suffered fractures to bones in his foot.

Balfour was running the site at Richmond Park, Croft,

Sheffield, where the incident occurred.

The injured person was one of a three-man brick laying team instructed to work on the first floor of an incomplete property.

An HSE investigation into the incident, which occurred on 2 March 2015, found that the supporting joists of the first floor had not been fully installed as per the house designer's instructions, leaving it unstable.

Balfour pleaded guilty to breaching the CDM

regulations and was fined £230,000 and ordered to pay costs of £11,915.

HSE Inspector Alan Sheldon, said: "It is vital that companies following design instructions and ensure that structures are stable.

"This incident could have been much more serious for a number of workers and should act as a reminder to everyone within construction that protecting workers' health and safety is vital in such a potentially dangerous industry."

SUSPENDED JAIL SENTENCE AFTER ROOF FALL DEATH

A self-employed builder has been given a suspended jail sentence after his employee fell from the flat roof of a building and died from his injuries.

Manchester Crown Court heard how, on 22 December 2013, father of two, Jason Fogarty, a casual employee of Roy Hardaker (trading as 9 to 5 Roofing), was working on a flat roof replacement project.

He was working alongside experienced roofer Hardaker.

The roof replacement was complete and the men were installing cladding and flashing around the top of the building to seal the edges of the roof.

Fogarty was holding the cladding sheets in position

from a ladder footed by his colleague, while Hardaker secured the sheets and the flashing from the roof.

Fogarty climbed up onto the roof and subsequently fell from the edge and was pronounced dead at the scene. The reason for him climbing to the roof was not discovered.

A joint investigation carried out by Greater Manchester Police and the HSE found that the work was not properly planned in order to ensure it could be carried out safely.

As a result, there were no measures in place, such as scaffold edge protection, to prevent falls from the edges of the roof.

HSE inspector Laura Moran said after the hearing: "The dangers associated with working at height are well known.

"Mr. Hardaker is an experienced roofer, who completely failed in his duties to properly plan the roof work and to ensure it was carried out safely.

"By failing to have suitable edge protection installed around the building, Mr. Hardaker put himself and his employees at risk, ultimately costing Mr. Fogarty his life."

Hardaker, trading as 9 to 5 Roofing, of Oldham, pleaded guilty to safety breaches and was sentenced to nine months imprisonment, suspended for two years and 200 hours of unpaid work.

PLATFORM COLLAPSES AS FOUR WORKERS MOVE AIR VENT

Decorators' Merchants Leyland SDM (LSDM) has been fined after four workers fell more than three and a half metres while carrying a ventilation unit.

Westminster Magistrates Court heard how LSDM had been in the process of redeveloping a warehouse in Wembley.

When four workers tried to move a ventilation unit into position, the working platform became overloaded and gave way.

Neither the work at height nor the lifting operations were

planned properly.

Two of the four injured men suffered leg fractures, while a broken collar bone were among the other injuries caused by the incident.

An HSE investigation found the company failed to manage the risks when working at height and carrying out the lifting operation.

The company also failed to have the right level of trained personnel and supervision in place to carry out these tasks safely and effectively.

LSDM of Fourth Way, Wembley pleaded guilty to safety breaches and was fined £450,000 and ordered to pay costs of £1038.

Speaking after the hearing HSE inspector Jack Wilby said: "The safety failings by this company are severe and it is lucky that the injuries were not more severe.

"This incident highlights the importance of planning work, in this case both for lifting operations and working from height, to ensure it is carried out safely."

ALLAN BRISCOE CDM Consultant

WITH over 30 years' experience in the construction industry Allan Briscoe has an extremely broad and detailed knowledge of the sector, not only from the design perspective but also from a construction Health and Safety viewpoint. Allan has been a Chartered Architect for 25 years and has worked on many varied and different projects as either an Architect or Principal Designer with costs ranging in value from £50k to £20m.

Starting his career with Liverpool City Architects, Allan later moved on to British Nuclear Fuels and latterly Halsall Lloyd LLP where he was responsible for the delivery of high quality architectural designs for varying clients as well as on-site inspections of construction, contract administration for JCT traditional contracts and specification writing. He was also responsible for ensuring that all in-house staff were aware of H&S responsibilities, ensuring clients were aware of their role as defined under the CDM Regulations, production of Pre-Construction Information and assessment of Construction Phase Plans.

Allan has been active in the construction H&S field since the introduction of the CDM Regulations in 1994 and has been a member of the Association for Project Safety (APS) since 1997, initially as a Planning Supervisor and latterly as a Principal Designer.

As a Chartered Architect and Principal Designer Allan's' knowledge of the design process from all design disciplines and H&S issues enables him to look at the wider implications of designs and then to focus

in on the detail to be able to understand the designer's philosophy and the client requirements and to guide clients and designers to a safe design and method of construction.

As a Certified Member of the Association for Project Safety (APS) Allan has carried out numerous projects as either a Planning Supervisor, CDM-C and latterly as Principal Designer as required by the CDM Regulations 2015. With his architectural background he can challenge designers and clients to ensure that the highest levels of H&S are instilled within the organisations.

Allan has the skills, knowledge, training and experience to be able to discuss H&S matters with clients, designers and constructors to ensure that a H&S culture is instilled within companies from the inception of a project to ensure teams acknowledge, and projects receive, the correct level of attention in regards to H&S whilst retaining the design and construction intent required by all parties.

Allan is dynamic and pro-active in the delivery of all projects to ensure they come in on programme and on budget. He is able to communicate effectively with all team members to ensure that they are aware of the requirements of projects and that the outcomes are as required at the right time.





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Sphere**

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OUTSOURCED SAFETY SUPPORT AT A FRACTION OF THE COST

CONTRACTOR SAFETY SUPPORT

Safer Sphere appreciates that the CDM Regulations 2015 and Health and Safety Legislation can be a burden to small and medium sized contractors. Such organisations rarely have the resource to employ internal Health and Safety professionals, meaning the burden is applied to those managing the organisation or supervising construction activities.

Our aim in this department is to reduce that burden by providing compliant Contractor CDM Safety Support, which enables contractors to make Health and Safety a simple process and gives them ability to concentrate their efforts in providing quality and cost effective solutions in their chosen field. Whether you are a "contractor" or acting as "Principal Contractor", Safer Sphere are here to help you!

THE RANGE OF SERVICES AVAILABLE FOR CONTRACTOR CDM SAFETY SUPPORT INCLUDE:

LITE PACKAGE

- Provision of Competent Person in accordance with Regulation 7 of the Management of Health & Safety at Work Regulations 1999.
- Annual audit of client competent health & safety advisor Reg 7 certificate.

- Access to advice by phone and email.
- Monthly safety bulletin

STANDARD PACKAGE *Lite Package Plus*

- Fully compliant Safety Management System.
- Monthly site audit.
- Accident and Incident investigations.
- Annual office / premises risk assessment and fire risk assessment.

PREMIER PACKAGE *Standard Package Plus*

- 1No. additional project site audit per month.
- Development of up to 2No. bespoke risk assessments / method statements / COSHH assessments.
- Assistance in obtaining or maintainingSSIP accreditation.
- Attendance at annual management meeting to review organisational H&S.

If the packages do not suit your particular needs then Safer Sphere can develop a bespoke subscription to suit your requirements, with additional ad-hoc services available when and where you need them.

Please contact Safer Sphere for any health & safety consultancy service fee quotations on **01744 768023** or email: info@safersphere.co.uk

YOUR LEADING FULL SERVICE CDM & CONSTRUCTION HEALTH & SAFETY CONSULTANTS

CONTRACTOR CDM SAFETY SUPPORT

CDM CLIENT SUPPORT

E-LEARNING

PRINCIPAL DESIGNER CONSULTANCY

MONTHLY SAFETY BULLETIN

Safer Sphere are the provider of choice for competent, professional and holistic Construction Health & Safety Solutions with a difference. We are specialist CDM Consultants in all areas of health and safety in construction including Construction Design & Management (CDM) and Project Health and Safety (H&S).

Our focus is to assist the industry in compliance through best practice, to provide simple and innovative solutions to a clients needs. As one of the leading CDM consultants and Construction Health & Safety consultants we are driven by our commitment to clients, our belief that we can always improve on what has gone before and that we can truly deliver the ability for us all to operate within a Safer Sphere.

"Our focus is to assist the industry in compliance through best practice, to provide simple and innovative solutions to a client's needs."

MIKE FORSYTH
MANAGING DIRECTOR

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