

SaferSphere

Today

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

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**Safer
Sphere**

**EXPERIENCE
RANGING FROM
MINOR PROJECTS
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OUTSOURCED SAFETY SUPPORT AT A FRACTION OF THE COST

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 maintaining SSIP accreditation.
- Attendance at annual management meeting to review organisational H&S.

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

welcome..



WELCOME to Safer Sphere's first monthly publication providing construction safety current information and updates to clients, designers and contractors.

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 client's 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.

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

T 01744 768023

E info@safersphere.co.uk

W www.safersphere.co.uk

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wins & completions..

MEDIACITYUK TOMORROW BUILDING

CLIENT: Peel Media Ltd
CONTRACTOR: Bowmer & Kirkland
SERVICES: Client CDM Advisor and Principal Designer Advisor



Tomorrow is a mixed use office and hotel building, providing a creative and imaginative workplace for digital and creative businesses. The office space includes a co-working space at ground and mezzanine floor, with 6 levels of flexible office space above.

The building has achieved Breeam Excellent accreditation and complements the sustainable credentials of the Phase 1 development which was awarded the first ever Breeam Communities award for sustainable development.

The striking building design creates a landmark at the entrance to MediaCityUK, the curved façade is clad in brushed aluminium panels with flashes of colour and full height, openable windows to maximise natural daylight, ventilation and views out across the city.

The interiors use a range of natural materials, graphics and colour in an imaginative way to create an exciting and vibrant environment to attract digital and creative businesses. Energy efficient LED lighting is used throughout, with exposed services on the floor plates to create an industrial aesthetic.

MEDIA LEISURE CENTRE

CLIENT: Fairhursts Design Group
CONTRACTOR: Mountjoy
SERVICES: Principal Designer Advisor



NOTTINGHAM CSC

CLIENT: Fairhursts Design Group

CONTRACTOR: Morgan Sindall

SERVICES: Principal Designer Advisor



COMPLETED

The facility will house The University of Nottingham's Centre for Sustainable Chemistry, which will serve as a hub to catalyse new collaborations with industry. The centre will be unique in the UK, not only in its design but also in its focus on world-leading research activity in sustainable chemistry.

This research activity will aim for the highest 'clean and green' standards to minimise environmental impact and ensure that the new chemistry developed is both energy and resource efficient and sustainable.

The building, which has been designed by architects The Fairhursts Design Group, will occupy 4,500 sq m over two floors.

Located on The University of Nottingham's award-winning Innovation Park, the new carbon neutral laboratory building will provide unrivalled facilities for chemistry. The focus on sustainability will be reflected in the building itself, which will incorporate the latest technologies to allow it to be carbon neutral over its lifetime.

LEEDS PRIMARY SCHOOL UPGRADES

CLIENT: Leeds Education Partnership

CONTRACTOR: Interserve Construction Ltd

SERVICES: Client CDM Advisor & Principal Designer Advisor

COMPLETED

Summer Refurbishment and upgrades of 12 primary schools including new kitchens, new modular classrooms and general upgrade works.

HERON HOUSE

CLIENT: 5Plus Architects

SERVICES: Principal Designer Advisor



Work is due to start on the building later this year, leading to a potential subletting of the property.

WON

Heron House is a six-storey office, retail and leisure block which is let to Manchester City Council for in excess of 21 years. The council also owns the freehold, while a 125-year leasehold is owned by a private investor.

There are 14,000 sq ft of leisure and retail space on the ground floor, and the upper five floors are made up of 109,600 sq ft of offices.

UNIVERSITY OF NORTHAMPTON ENERGY CENTRE

CLIENT: Vital Energy

SERVICES: Principal Designer Advisor



WON



wins & completions..

SAUNDERTON HOUSE BUILD

CLIENT: DANDARA
SERVICES: Client CDM Advisor

In 2012 Dandara bought unconditionally a previously developed industrial estate within the AONB with the aim to obtain a change of use to residential development.

In early 2015 planning permission was secured for 42 residential dwellings.



DSM PLANT AYRSHIRE

CLIENT: Bouygues Energies and Services
SERVICES: Principal Designer Advisor

£10m Plant upgrade to existing DSM facility in Ayrshire.



DANDARA PRS

CLIENT: Dandara
SERVICES: Client CDM Advisor & Principal Designer Advisors

3 major residential build schemes due to commence on site in November 2016 in Salford, Birmingham and Leeds.



Start-up Design Consultants and Contractors

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

CONTACT US TO FIND OUT MORE!!

CASE STUDY



**Safer
Sphere**

CLIENT

Dandara

SERVICE PERIOD

2013 to present. Completion expected 2019.

SERVICE PERIOD

**Chapel Wharf Salford,
Sweet Street Leeds, Alpha
Birmingham, GH20 Glasgow,
City Wharf Glasgow,
Cheshunt London, Hemel
Hempstead**



“Safer Sphere have provided clear and pragmatic guidance to Dandara and the project team. They have navigated us through CDM 2007 and the new CDM 2015 Regulations to ensure the PRS scheme achieves best practice compliance. The benefits of this will be evident not only during construction but in the life cycle management of the completed structures”.

Sean O'Connor Dandara Project Director

SERVICES

CLIENT CDM ADVISORS AND PRINCIPAL DESIGNER ADVISORS

SERVICE DESCRIPTION

Safer Sphere were originally appointed as CDM Coordinators to a 3500 unit PRS at 5 locations throughout the UK. Under CDM 2015 the role has evolved into Client CDM Advisors and Principal Designer Advisors. The scope of service includes:-

- Principal Designer Advisor services in line with CDM 2015.
- Assisting with H&S in designs, buildability and programme to reduce risk profiles;
- Assisting the Client in discharging their duties under CDM.
- Pre-Contract reviews with sub-contractors and packages;
- Reviews of high risk activities and applicable safe systems of work for enabling packages;
- Advising on compliance with organisational operating procedures and minimum standards;
- Providing CDM 2015 Training to the Dandara Group.
- Member of the Dandara H&S Forum to establish continual improvement and best practice.
- Overseeing PD and PC compliance in the construction stage.

SERVICE CHALLENGES

Whilst the client and design team have led the design with best practice CDM principles, some of the key challenges include:-

- UXO risk confirmed at most sites requiring further mitigations, along with extensive site investigations for all sites.
- Transition between CDM2007 & CDM 2015 mid design.
- Working over and adjacent to waterways, railways and highway trunk roads.
- Development of safe cleaning, maintenance and plant replacement strategies for the high rise structures.



CDM 2015 has been in place since 6th April 2015 and – as the main set of regulations for managing the health, safety and welfare of construction projects – it has come into much scrutiny regarding whether duty holders are yet up-to-speed with the new Regulations. As the transition period is now over, all construction projects should comply fully with CDM 2015.



CDM 2015:

THE REGULATOR'S EXPERIENCE TO DATE

CDM applies to all building and construction work and includes new build, demolition, refurbishment, extensions, conversions, repair and maintenance.

The CDM Regulations place responsibility for managing the health and safety of a construction project on three main duty holders:

- 1 The client ensures that the construction project is set up so that it is carried out from start to finish in a way that adequately controls the risks to the health and safety of those who may be affected.
- 2 The principal designer coordinates health and safety in the pre-construction phase of a project. The role extends to the construction phase through the principal designer's duties to liaise with the principal contractor and ongoing design work.
- 3 The principal contractor coordinates the construction phase of a project. This involves liaising with the client and principal designer throughout the project, including during the pre construction phase.

Other duty holders also have responsibilities under CDM 2015 including designers and contractors with little change from the previous regulations.

Despite the implementation of CDM 2015, there remains confusion regarding the duties and responsibilities of the duty holders. Two of the key points are identified below:-

CONSTRUCTION PHASE PLAN

Under the Construction (Design and Management) Regulations

2015 (CDM 2015) a construction phase plan is required for EVERY construction project. Painting a wall or dismantling a chimney CDM applies and a Construction Phase Plan should be in place BEFORE starting work!

If you are working for a domestic client, client duties are delegated by default. If you are the only contractor or the principal contractor, you will also be responsible for:

- 1 Preparing a Construction Phase Plan.
- 2 Recognising and managing the work.
- 3 Working together with others to ensure the health and safety of those involved and those affected by the works.

A basic plan before the work starts is usually enough to show that you have thought about health and safety, but this should be developed and updated as the works progresses.

If the works last longer than 500 person days or 30 working days – with more than 20 people working at the same time – it will need to be notified to the HSE and a more comprehensive plan would need to be prepared.

PRINCIPAL DESIGNER APPOINTMENT

The new Principal Designer role is probably the most ambiguous area. There is still much confusion over the appointment of this duty holder, who, when and how. Unlike the previous CDM Coordinator, the Principal Designer is required to be an "Designer", a definition that is far reaching under the definition, and should be in control of the design. This results in a role that is flexible and can shift to different

parties though the design and construction stages depending on the form of procurement and design responsibility.

The HSE desires for fulfilling this role surround active and non-active designers. Former CDM Coordinators are considered non-active designers in this case. The HSE have provided the following as guidance of the progressive steps for the industry in this area.

- 1 It is accepted that non-active designers may undertake the Principal Designer role in the first two years of implementation, extending to April 2017.
- 2 From April 2017 and for a further 3 year period the HSE expect that active designers would take on the role directly with support from non-active CDM professionals as joint venture provision and delivery.
- 3 From April 2020, it is anticipated that active designers should be in a position to deliver the Principal Designer role as part of their normal design services.

In summary there is still work to be done to fully embed CDM 2015 within the industry. Professionals need to lead the way in setting the standards and support must be in place for SMEs and non professionals to understand and deliver a safer construction industry.

Safer Sphere have re-aligned their consultancy services to support Design Consultants and D&B Contractors to support the Principal Designer function, whilst also providing Client CDM Advisor consultancy. For further details please do make contact with us, we would be happy to support your projects.

CONSTRUCTION COMPANY FINED AFTER CONTRACTOR RECEIVES LIFE CHANGING INJURIES

A Lincoln based Construction Company, specialising in fitting mezzanine floors were prosecuted after a contractor fell onto a concrete floor.

Guildford Crown Court heard that M & L Installers Ltd were contracted to install a mezzanine floor at a factory in Sunbury on Thames, Surrey. The design included a hole in the mezzanine floor where a lift was due to be installed.

A contractor who was working on the floor fell just over 3.5 meters and suffered life threatening injuries, when he stepped backwards through the hole, on 13 January 2015. He was hospitalised for 2-months after receiving a severe brain injury any has not been able to work since.

An investigation by the Health and Safety Executive found that the company failed to guard the hole for the lift or board it up preventing anyone from falling through.

M & L Installers Ltd pleaded guilty to a breach of the Work at Height Regulations, Regulation 6(3) and were fined £20,000 and ordered to pay £9165.56 costs.

HSE Inspector, Amanda Huff, commented after the hearing “The contractors injuries were life changing and he could have easily have been killed. This serious incident and devastation could have been avoided if basic safe guards had been put in place”.



22 BISHOPSGATE LOWERED OVER CRANE CLASH FEAR WITH PLANES

FRESH plans have been submitted to trim four floors from the 22 Bishopsgate tower under construction in London because of fears cranes will interfere with flights into city airport.

The AXA-led development consortium has chopped 22m from the originally consented scheme, cutting off the stepped apex to create a flat-top skyscraper.

Planning documents lodged with the City of London reveal that there was concern about maximum crane heights impacting on aviation safety during construction.

Under the consented scheme cranes would have encroached into the 1,000 feet (305m) safeguarding limit for London City Airport.

The new scheme reduces the core height by 22m overcoming this issue during construction, but dropping the overall building height to 272m.

If approved the tower being built by Multiplex would now rise to 59 storeys rather than 63, although the overall area of the building will remain the same as the original plans.

Amended plans were submitted late last month as steelwork contractor Severfield confirmed it had secured the massive project, replacing earlier preferred contender William Hare.

The new designs will not impact the project’s delivery timetable, which will see the tower completed in 2019. The workforce will peak at around 1,400 in 2018.

SCOSS ALERT - STRUCTURAL STABILITY/INTEGRITY OF STEEL FRAME BUILDINGS IN THEIR TEMPORARY AND PERMANENT CONDITION

There are occasional collapses of steel frame structures during construction and this Alert is to draw attention to matters which need to be borne in mind. CROSS has had several reports about concerns which could have led to failure and actual failures. An example is the failure which took place on 31 January 2012 when the City Gates Church building frame collapsed catastrophically.

This Alert is aimed at designers, steelwork

fabricators, main contractors, building control officers and approved inspectors. It applies to permanent and temporary buildings particularly those with unusual features such as elements supported by hangers or cantilevers, where partial, or local failure could lead to more widespread catastrophic collapse.

Considerations to avoid collapse are discussed. Factors to consider prior to construction and during the construction are given.



WASTE COMPANY FINED AFTER WORKER RUN OVER

A Welsh landfill company have been fined after a worker had to have both legs amputated after being run over.

Mold Crown Court heard how the worker was walking across the yard at the Bryn Posteg Landfill site in Llanidloes, when they were hit by a large shovel loader on 6 November 2015. The worker suffered severe injuries and needed both legs amputated at the mid-thigh and was hospitalised for six-months.

An investigation by the Health and Safety Executive (HSE) found the company did not have and controls in place to protect workers from the high volume of vehicles and traffic on site. Although they had previously identified the risk and how they could prevent workers being hit by vehicles they did not put the measures in places.

Sundorne Products (Llanidloes) Limited, part of the Potter Group, in Henfaes lane, Welshpool, Powys pleaded guilty to breaching Section 2 and Section 3 of the Health and Safety at Work (1974) Act and were fined £180,000 and ordered to pay costs of £7,657.10.

HSE inspector Mhairi Duffy said, "It is extremely important to identify how to protect

your workers but you must back this up with action. This worker's and his families lives have been changed forever because Sundorne Products Ltd failed to take action and protect their workers from being run over by vehicles on the site.

"All businesses that have high volumes of vehicles on their site can learn from this case."



KARL TINDALE Associate CDM and Health & Safety Advisor

Newly appointed Associate Karl Tindale is the latest addition to the Safer Sphere family.

An experienced and highly motivated manager who is able to demonstrate strong leadership, organisational and effective communication skills. Karl believes that high standards of safety and environmental management can be achieved, and maintained, in any organisation given the right corporate attitude and commitment.

Karl is a highly knowledgeable H&S professional with over 8 years at management level backed by his experience as an HSE Inspector. Karl has 16 years of experience in construction with full industry knowledge including facilities management, building and engineering construction prior to taking up H&S Roles .

Karl's H&S career began as an Inspector of Health and Safety with the Health and Safety Executive in 2009.

From there Karl took up the role of HSQE Manager with Marshall Construction on a £23M scheme. Here he was responsible for supporting the site team including site reports, accident investigation, subcontractor performance management reports. He assisted the team in compliance with legislation and best practice. He also provided representation of the site at strategic level and at client meetings regarding all matters of Health, Safety, Environmental and Quality.

Prior to taking up his role with Safer Sphere, Karl was the HSE Manager at Innov8. His key focuses here included embedding Directors HSE objectives into

the sites and ensuring ownership within site teams; managing support services to the business such as behaviour personnel, insurance claims, operational training and competency; achieving and maintaining the highest standards to Health, Safety and the environment and managing the operational training and competency requirements of the site teams. He promoted safe, healthy, realistic and achievable working practices at board and strategic level, implementing and maintaining the companies accreditations of ISO 9001, 14001 and 18001. He also acted as a Principal Designer on a number projects ranging up to £20 million, with sectors covering Residential, Industrial, Education, Commercial, Healthcare and Retail.

Karl has been an active member of the Merseyside and Cheshire Construction Safety Group for over 4 Years and is their current Vice Chairman.

Through these roles Karl has proven his ability to liaise effectively with external clients and relate to all levels of an organisation, with excellent verbal and written communication skills. He's experienced in managing and promoting Health, Safety and Environmental controls within the workplace, across multi-disciplined market sectors and has extensive practical expertise in designing and implementing safety controls and systems.

The combination of capability and experience make him an excellent addition to the Safer Sphere family.





**Safer
Sphere**

IS YOUR PROJECT COMPLIANT?

CDM CLIENT SUPPORT SOLUTIONS

SAFER SPHERE HAS AN ARRAY OF EXPERIENCE IN DELIVERING CDM SUPPORT IN ACCORDANCE WITH THE CDM REGULATIONS 2015.

We pride ourselves on delivering above and beyond the call of the CDM Regulations, our integration with the client project delivery teams and support provided to enable best practice solutions. Our delivery model ensures a superior service, competent advice and ultimately a project that meets with the very best practices of Construction Health & Safety.

CDM 2015 PROJECT CDM CONSULTANT SERVICES INCLUDE:-

Acting as adviser to the Client in discharging their duties including:-

- Notify the HSE of the project via an online applications.
- Advise on and or collate the project Pre Construction H&S Information Pack on behalf of the client for issue to the project team.
- Assist with preparation of and advise the client as to the adequacy of the Construction Phase

H&S Plan and welfare facilities developed by the principle Contractor.

- Advise on and or collate the project H&S File.

ADDITIONAL SERVICES WHICH A CLIENT MAY ALSO WISH TO CONSIDER:-

- Stage 1 & Stage 2 Competence Assessments of duty holders against the requirements of PAS 91.
- PQQ / ITT H&S question setting for framework and or project tender enquiries.
- Independent Site Inspection and or Safety Audits of operations on site to ensure compliance.
- Liaison support with the Health & Safety Executive on behalf of the client.
- Client CDM training to assist client representative in understanding their duties under the CDM Regulations.
- Preparation of model contract / appointment clauses to hold designers and contractors to their duties and compliance.

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).

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