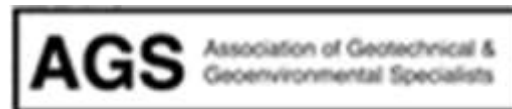




GEOTECHNICAL INDUSTRY HEALTH AND SAFETY DISCUSSION FORUM

Julian Lovell, Managing Director, Equip
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Tom Phillips, Director, RPA Safety Services
Keith Spires, Operations Director, Equip

www.equipgroup.com



AIM OF TODAY

1. Create an Industry Forum
2. Improve awareness of new standards and legislation
3. Open up debate
4. Encourage discussion
5. Produce Industry related guidance



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AIM OF TODAY

09:30 - 10:30	<p>CDM Regulations 2015</p> <ul style="list-style-type: none"> · What are the differences between the 2007 and 2015 Regulations? · What geotechnical projects now fall under CDM? · CDMCs and the Principal Designer – is it a transition or a new role? · Do geotechnical companies have the competency to act as the Principal Contractors? · How should the industry educate the client? · What industry guidance is needed?
10:30 - 11:30	Discussion
11:30 - 12:00	<p>Health Surveillance in Geotechnics</p> <ul style="list-style-type: none"> · Legal requirements · Health hazards in geotechnics · Minimum requirements for Health Surveillance in the geotechnical industry
12:00 - 12:30	Discussion
12:30 - 13:30	Lunch and Networking
13:30 - 14:00	<p>BS EN 16228 - Rig Safety Standards</p> <ul style="list-style-type: none"> · Guarding of rigs · Restricted Mode of Operation · Other protection required
14:00 - 14:30	Discussion



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Obvious Changes

- Projects for Domestic Clients now included
- Introduction of a Principal Designer



Question ?

What geotechnical works would not fall under CDM 2015?



Clients

Make suitable arrangements for managing a project. This includes making sure:

- other dutyholders are appointed;
- sufficient time and resources are allocated;
- Making sure: relevant information is prepared and provided to other dutyholders;
- the principal designer and principal contractor carry out their duties;
- welfare facilities are provided.



Domestic Clients

- Domestic clients are in scope of CDM 2015, but their duties as a client are normally transferred to:
 - the contractor, on a single contractor project; or;
 - the principal contractor, on a project involving more than one contractor.

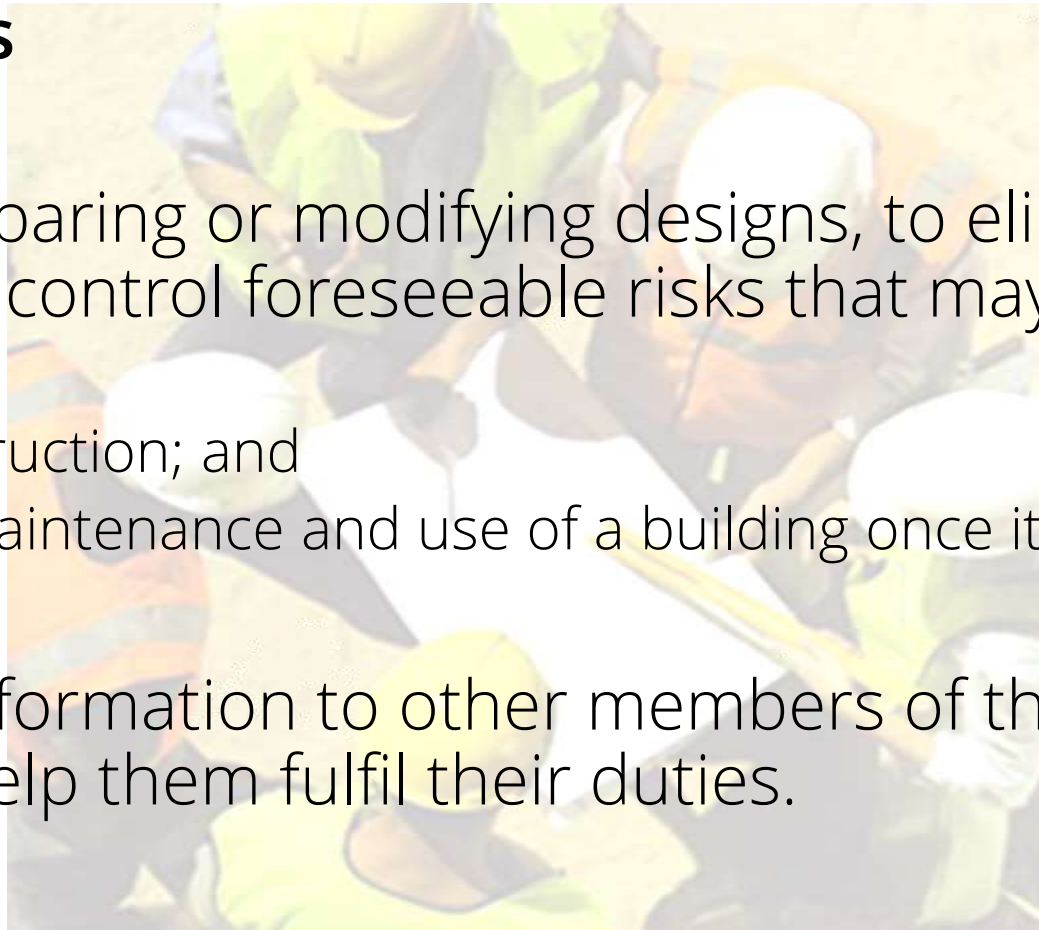
However, the domestic client can choose to have a written agreement with the principal designer to carry out the client duties.

Designers

When preparing or modifying designs, to eliminate, reduce or control foreseeable risks that may arise during:

- construction; and
- the maintenance and use of a building once it is built.

Provide information to other members of the project team to help them fulfil their duties.



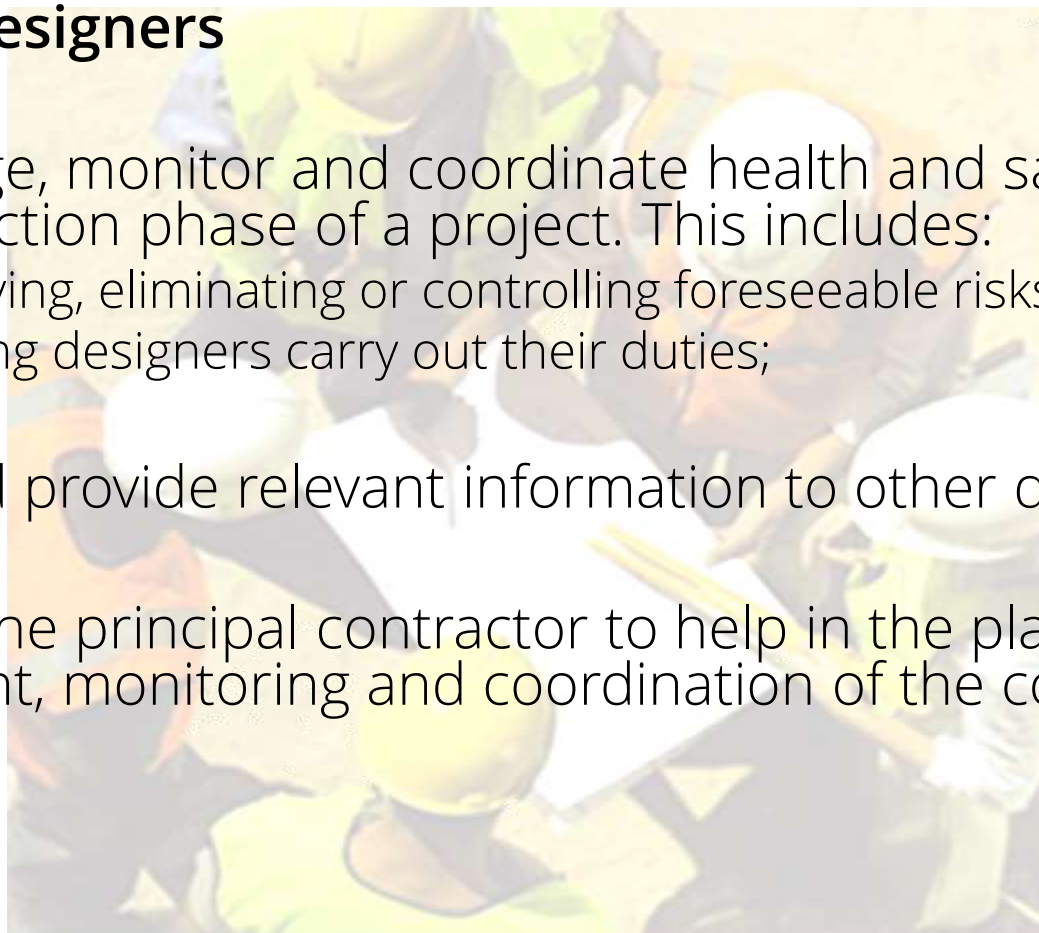
Principal Designers

Plan, manage, monitor and coordinate health and safety in the pre-construction phase of a project. This includes:

- identifying, eliminating or controlling foreseeable risks;
- ensuring designers carry out their duties;

Prepare and provide relevant information to other dutyholders;

Liaise with the principal contractor to help in the planning, management, monitoring and coordination of the construction phase.



Principal Contractors

Plan, manage, monitor and coordinate the construction phase of a project. This includes:

- liaising with the client and principal designer;
- preparing the construction phase plan;
- organising cooperation between contractors and coordinating their work.

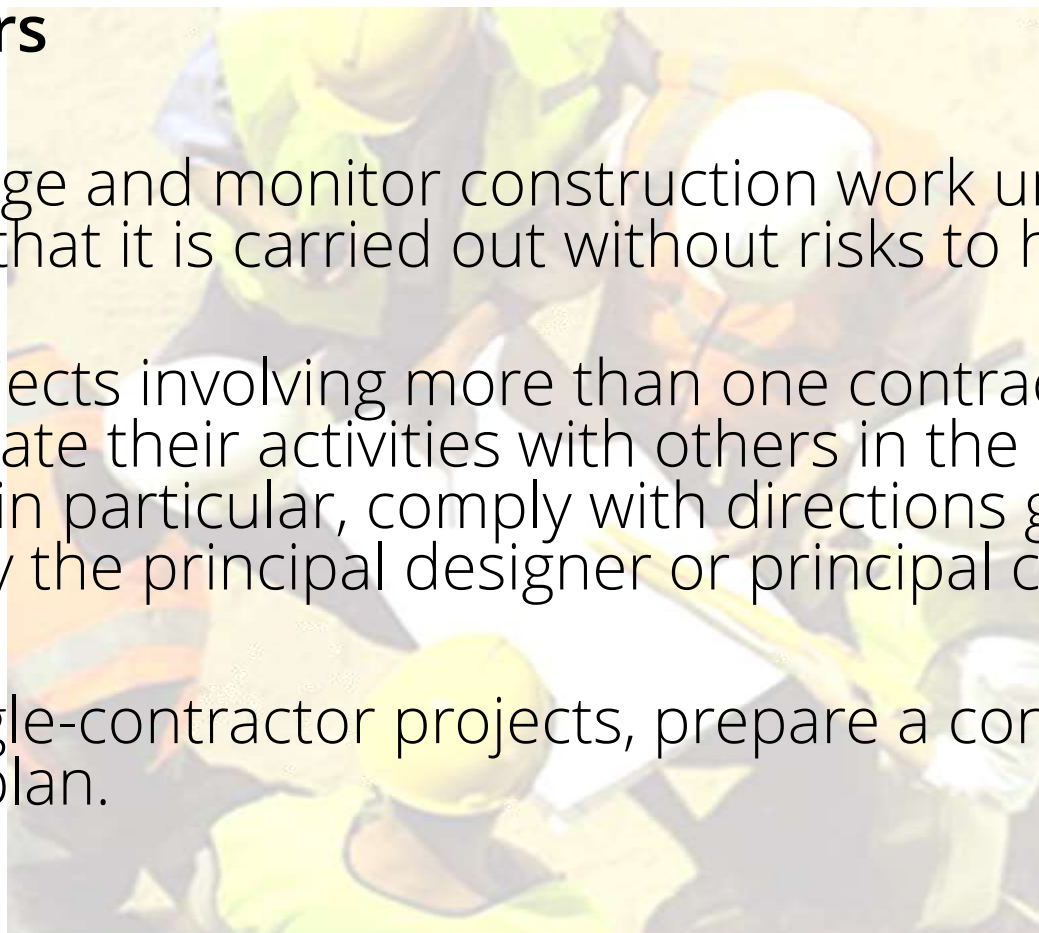
Ensure:

- suitable site inductions are provided;
- reasonable steps are taken to prevent unauthorised access;
- workers are consulted and engaged in securing their health and safety; and welfare facilities are provided.

Contractors

Plan, manage and monitor construction work under their control so that it is carried out without risks to health and safety;

- For projects involving more than one contractor, coordinate their activities with others in the project team – in particular, comply with directions given to them by the principal designer or principal contractor;
- For single-contractor projects, prepare a construction phase plan.



Designer and Contractor Competence

Must have the necessary skills, knowledge, experience, and, where they are an organisation, the organisational capability to carry out the work in a way that secures health and safety.

- PAS 91, 2013: Construction related procurement - Prequalification Questionnaires
- Safety Schemes in Procurement Forum (SSIP) i.e. CHAS, ConstructionLine etc

CDM 2015

Topics for discussion

CDM 2015

Existing duties that will not change

- Clients are required to provide pre construction information
- Designers to eliminate risk through design
- Designers to inform contractors about remaining risks that cannot be eliminated
- Contractors to manage remaining risk in accordance with accepted principles

CDM 2015

Additionally, under the new regulations

- All projects independent of duration will require a Construction Phase Plan
- Domestic work will be covered by all areas of CDM
- Notification threshold will change, but not noticeably
- Those jobs where more than 1 contractor is involved, the Client must appoint in writing (regardless of site notification status) a Principal Contractor and a Principal Designer (replaces role of CDM Coordinator)

CDM 2015

**Discussion points: What will a CPP look like?
Will it replace RAMs?**

A construction phase plan is a document that must record the

a) health and safety arrangements for the construction phase;

b) site rules; and

c) where relevant, specific measures concerning work that falls within one or more of the categories listed in Schedule 3

*‘The plan should **not** include documents that get in the way of a clear understanding of what is needed to manage the construction phase, such as generic risk assessments, records of how decisions were reached or detailed safety method statements.’*

CDM 2015

Discussion points: Is a consultant a contractor?

A contractor is:

Anyone who directly employs or engages construction workers or manages construction is a contractor. An individual, a sole trader, a self-employed worker, or a business that carries out, manages or controls construction work as part of their business can be a contractor.

CDM 2015

**Discussion point: Who are designers?
Can GI consultants be Principal Designers?**

The Principal Designer must be one of the design team.

'The designer duties are tied in to 'structures' and the ground is not in itself a 'structure' but a natural feature. As a specialist if he sets out a pattern of boreholes to be followed in order to obtain the required information then I would suggest he is acting as a contractor under CDM – not as a designer.'

Samantha Peace - HM Principal Inspector

CDM 2015

Discussion point: Now duty holders are required on **ALL jobs (regardless of notifiability)**, will clients appoint correctly?

Where there is more than one contractor, or if it is reasonably foreseeable that more than one contractor will be working on a project at any time, the client must appoint in **writing**

- A designer with **control** over the pre-construction phase as principal designer
- A contractor as principal contractor

The appointments must be made as soon as is practicable, and in any event, before the construction phase begins.



CDM 2015

Discussion point: Will the new Principal Contractor appointment threshold mean....

GI is fully absorbed into the construction phase and managed by established Principal Contractors? What impact will this have?

Or.....

Small contractors unwittingly take on PC duties without fully understanding them? What impact will this have?

Or.....

Will we carry on as we are?

CDM 2015

Any other key points?

Comments and discussion welcome