

## Principal Designer (PD) competencies for CDM 2015

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An individual or team undertaking the PD role must have the following competencies.

N.B. if any gaps are identified support must be provided by others within the team.

Competency	Single discipline	Multi-discipline	Large and/or complex/novel
A technical knowledge of the construction industry relevant to the project	<ul style="list-style-type: none"> <li>Construction Chartership (engineer, surveyor, architect) or relevant degree and able to demonstrate technical experience</li> <li>Relevant site experience</li> <li>Experience of design review</li> <li>Relevant sector knowledge</li> </ul>	<ul style="list-style-type: none"> <li>Construction Chartership (engineer, surveyor, architect)</li> <li>Relevant site experience</li> <li>Experience of multi-disciplinary projects</li> <li>Undertaken multi-disciplinary design review</li> <li>Relevant sector knowledge or experience</li> </ul>	<ul style="list-style-type: none"> <li>Construction Chartership (engineer, surveyor, architect)</li> <li>Relevant site experience</li> <li>Experience of large and/or complex projects</li> <li>Undertaken design reviews on large and/or complex projects</li> <li>Relevant sector knowledge and experience</li> </ul>
The understanding and skills to manage and co-ordinate the pre-construction phase, including any design work carried out after construction begins	<ul style="list-style-type: none"> <li>Understand what CDM sets out to achieve</li> <li>Understand safe by design principles</li> <li>Knowledge of in-house processes</li> <li>IOSH Managing Safely in Construction* or equivalent</li> <li>Understand how to plan, manage and co-ordinate as a PD</li> <li>Effective communication skills</li> <li>Confidence to challenge</li> <li>Ability to influence and engage with stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>Understand what CDM sets out to achieve</li> <li>Understand safe by design principles</li> <li>Knowledge of in-house processes</li> <li>NEBOSH Construction Certificate** or equivalent</li> <li>Able to demonstrate management and co-ordination skills required of a PD</li> <li>Effective communication skills</li> <li>Confidence to challenge</li> <li>Ability to influence and engage with stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>Understand what CDM sets out to achieve</li> <li>Understand safe by design principles</li> <li>Knowledge of in-house processes</li> <li>NEBOSH Construction Certificate** or equivalent</li> <li>Able to demonstrate management and co-ordination skills required of a PD</li> <li>Effective communication skills</li> <li>Confidence to challenge</li> <li>Ability to influence and engage with stakeholders</li> </ul>

N.B. Where there are high risk activities, such as those in Schedule 3 of CDM 2015, a greater level of H&S competence than that outlined above may be required.

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**\*IOSH Managing Safely in Construction - Contents** (an equivalent could be established by using an experience statement or alternative qualification)

- Risk Management
- Permits to work and method statements
- Health and Safety at Work Act 1974
- CDM Regulations
- Confined spaces
- Construction equipment and hazards
- Lifting operations
- Management systems
- Scaffolding, excavations and demolition
- Fire precautions and prevention
- Electrical hazards
- Occupational health risks

**\*\*NEBOSH Construction Certificate - Contents** (an equivalent could be established by using an experience statement or alternative qualification)

- Construction law and management
- Construction site – hazards and control
- Movement of people and vehicles – hazards and control
- Manual and mechanical handling – hazards and control
- Work equipment – hazards and control
- Electrical – hazards and control
- Fire – hazards and control
- Chemical and biological health – hazards and control
- Physical and psychological health – hazards and control
- Working at height – hazards and control
- Excavation work and confined spaces – hazards and control
- Demolition – hazards and control

**There are other ways of demonstrating H&S knowledge and understanding that are suitable for all levels of projects, such as:**

- ICE H&S Register
- Chartered IOSH
- Member of IIRSM
- NEBOSH Diploma

***This list of equivalencies is not exhaustive; other ways of demonstrating knowledge and experience are acceptable.***