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.

<table>
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<th>Competency</th>
<th>Single discipline</th>
<th>Multi-discipline</th>
<th>Large and/or complex/novel</th>
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<td>A technical knowledge of the construction industry relevant to the project</td>
<td>• Construction Chartership (engineer, surveyor, architect) or relevant degree and able to demonstrate technical experience&lt;br&gt;• Relevant site experience&lt;br&gt;• Experience of design review&lt;br&gt;• Relevant sector knowledge</td>
<td>• Construction Chartership (engineer, surveyor, architect)&lt;br&gt;• Relevant site experience&lt;br&gt;• Experience of multi-disciplinary projects&lt;br&gt;• Undertaken multi-disciplinary design review&lt;br&gt;• Relevant sector knowledge or experience</td>
<td>• Construction Chartership (engineer, surveyor, architect)&lt;br&gt;• Relevant site experience&lt;br&gt;• Experience of large and/or complex projects&lt;br&gt;• Undertaken design reviews on large and/or complex projects&lt;br&gt;• Relevant sector knowledge and experience</td>
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<td>The understanding and skills to manage and co-ordinate the pre-construction phase, including any design work carried out after construction begins</td>
<td>• Understand what CDM sets out to achieve&lt;br&gt;• Understand safe by design principles&lt;br&gt;• Knowledge of in-house processes&lt;br&gt;• IOSH Managing Safely in Construction* or equivalent&lt;br&gt;• Understand how to plan, manage and co-ordinate as a PD&lt;br&gt;• Effective communication skills&lt;br&gt;• Confidence to challenge&lt;br&gt;• Ability to influence and engage with stakeholders</td>
<td>• Understand what CDM sets out to achieve&lt;br&gt;• Understand safe by design principles&lt;br&gt;• Knowledge of in-house processes&lt;br&gt;• NEBOSH Construction Certificate** or equivalent&lt;br&gt;• Able to demonstrate management and co-ordination skills required of a PD&lt;br&gt;• Effective communication skills&lt;br&gt;• Confidence to challenge&lt;br&gt;• Ability to influence and engage with stakeholders</td>
<td>• Understand what CDM sets out to achieve&lt;br&gt;• Understand safe by design principles&lt;br&gt;• Knowledge of in-house processes&lt;br&gt;• NEBOSH Construction Certificate** or equivalent&lt;br&gt;• Able to demonstrate management and co-ordination skills required of a PD&lt;br&gt;• Effective communication skills&lt;br&gt;• Confidence to challenge&lt;br&gt;• Ability to influence and engage with stakeholders</td>
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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.
Principal Designer (PD) competencies

*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.*