

Safe by Design Report



Use this form to record Safe by Design / H&S risks and to communicate them to other designers or to the next phase of the design process or to the principal designer.

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| Project | Electric Vehicle Charging Points – Highways England SPaTS task 1-489. | Job number | 248492-91 |
| Design stage | FEASIBILITY CONCEPT SCHEME DETAILED DESIGN OTHER | Report Ref | EVCP 001 |
| Topic | | | |
| <p>Rapid Electric Vehicle Charging Points (EVCP). This report covers a generic design supplied by Arup to potential Supplier(s) from the EVCP ESPO tender, to use as a basis for the design of a location on which to site a rapid EVCP and to ensure that basic requirement for the site are met.</p> <p>The generic design for an EVCP is recorded on Drawing number 1-489 001, dated August 2018.</p> | | | |
| Comments / associated hazards | | | |
| <p>At the initial stages of this project Arup are only able to state which length of road (between two GPS coordinates) require a rapid EVCP. Once exact locations have been identified the Supplier will be required to provide site specific CDM design, hazard and H&S information for each individual site they have chosen to install the EVCP on.</p> | | | |

Are there any design alternatives with less serious or fewer hazards to eliminate or reduced risks? No.

Are the risks arising from a hazard dependent on alternative methods, locations or timing? No

If required, record the decision making and associated risk assessment (e.g. using forms [RF18.4](#) or [RF18.5](#))

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| Justifications, assumptions and implications |
| <p>As this is a generic design we are not able to record any decision making process which relate to a specific site and why this site was chosen in preference to another site.</p> <p>Generic risks have been recorded on Form 18.2</p> |

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| Residual risks that a competent contractor or designer needs to be told about |
| <p>Risks for a generic site have been recorded on Form 18.2</p> |

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|------|---------|------------|
| Date | Made by | Checked by |
| | | |

Verified by **Alastair Boswell** (Arup project director) Date **24/09/18**
 Copied to (Principal designer) Date