



Working in
partnership with



Dust Mitigation

Update

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Construction Controls

David Griffiths-Allen
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Construction Controls

- Staff induction and culture of 'making the right choice'

ELITE is EKFB's Engagement & Leadership Immersive Training Experience

Housed in its own purpose-built induction centre in Brackley

Designed to give participants a lasting understanding of the values of EKFB and their responsibility for upholding them, through a one-day induction experience unlike any other

Hard-hitting narrative and high production values are underpinned by industry leading, multi-media technology which combine to deliver a powerful immersive experience.

Participants will come away with a full and lasting understanding of the values of the organisation, their part in delivering them and the practical communication tools to deliver our culture of **Making the Right Choice**



Construction Controls

- Traffic
- Code of Construction Practice
- Route-wide Traffic Management Plan
- Local Traffic Management Plans
- Haul Routes guidance
- Local Authority approval for Lorry Routes
- Publication of Advance Works Notifications (14-days) for all work causing a significant impact and/or closure of a road/footpath

High Speed Rail

(London-West Midlands)

Environmental Minimum Requirements

Annex 1:

Code of Construction Practice

14 Traffic and transport

14.1 Traffic management – general provisions

- 14.1.1 During construction works, the nominated undertaker will require that the impacts from construction traffic on the local community (including all local residents and businesses and their customers, visitors to the area, and users of the surrounding transport network) be minimised by its contractors where reasonably practicable.
- 14.1.2 The nominated undertaker will require that public access is maintained, where reasonably practicable, and appropriate measures will be implemented to ensure that the local community, economy and transport networks can continue to operate effectively. Where this is not reasonably practicable, alternative measures shall be identified to maintain continual public access, especially for pedestrians and cyclists, to routes in the vicinity of the construction sites and discussed at the relevant local traffic liaison group meetings where appropriate. The impact of road-based construction traffic will be reduced by implementing and monitoring clear controls on vehicle types, hours of site operation, parking and routes for large goods vehicles.

Construction Controls

- Noise, Vibration, Dust
- Code of Construction Practice
- Control of Pollution Act (1974), Section 72
- Environmental Protection Act (1990), Section 79
- Local Authority Environmental Health
- Section 61 approval for work causing significant noise etc

High Speed Rail

(London-West Midlands)

Environmental Minimum Requirements

Annex 1:

Code of Construction Practice

13 Noise and vibration

13.1 Noise and vibration management – general provisions

- 13.1.1 Best practicable means (BPM) will be applied during construction works to minimise noise (including vibration) at neighbouring residential properties and other sensitive receptors (including local businesses and quiet areas' designated by the local authority) arising from construction activities.

Construction Controls

- **Water**
- Mapping of all water resources within 1km
- Control of water pollution (CIREA regulations)
- C532: from construction
- C648: from linear construction projects
- BS6031: Code of Practice for earthworks – drainage
- Environment Agency's Planning Policy Guidance
- PPG1: Prevention of pollution
- PPG2: Above ground oil storage tanks
- PPG5: Works and maintenance in or near water
- PPG23: Maintenance of structures over water

High Speed Rail

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Environmental Minimum Requirements

Annex 1:

Code of Construction Practice

16 Water resources and flood risk

16.1 Surface water and groundwater management – general provisions

- 16.1.1 The nominated undertaker will require its contractors to manage their site activities and working methods to protect the quality of surface water and groundwater resources from other adverse effects, including significant changes to the hydrological regime through controls to manage the rate and volume of run-off. Monitoring systems will be employed during the construction works and there will be emergency procedures in place in the event of any pollution incidents. BPM will be used (e.g. through the use of silt traps and the re-use of water in wheel washers). Where required, the contractor will include arrangements to obtain appropriate approval for works from the relevant regulatory body or statutory undertaker which could affect any surface water or groundwater resource.

Construction Controls

- Lighting
- Institute of Professional Lighting Guidance
 - (reduction of obtrusive lighting)
- BS 5489: Code of practice for road lighting
- Lighting controls as part of Environmental Minimum Standards

High Speed Rail (London-West Midlands) Environmental Minimum Requirements Annex 1: Code of Construction Practice

5.4 Site lighting

- 5.4.1 Site lighting and signage will be provided to enable the safety and security of the construction sites. It will be at the minimum luminosity necessary and use low-energy-consumption fittings. Where appropriate, lighting to site boundaries will be provided and illumination will be sufficient to provide a safe route for the passing public. In particular, precautions will be taken to avoid shadows cast by the site hoarding on surrounding footpaths, roads and amenity areas. Where appropriate, lighting will be activated by motion sensors to prevent unnecessary usage. It will comply with the *Institute of Lighting Professionals' Guidance notes for the reduction of obtrusive light* and the provisions of BS 5489, *Code of practice for the design of road lighting*, where applicable.

Construction Controls

- Working Hours
- Code of Construction Practice
- 0800 – 1800 Monday to Friday
- 0800 – 1300 Saturday
- 1-hour set-up & break-down
- Exemptions (e.g. tunnelling, plant maintenance)
- Local authority approval

High Speed Rail (London-West Midlands) Environmental Minimum Requirements Annex 1: Code of Construction Practice

Core working hours

- 5.2.2 Core working hours will be from 08:00 to 18:00 on weekdays (excluding bank holidays) and from 08:00 to 13:00 on Saturdays. The nominated undertaker will require that its contractors adhere to these core working hours for each site as far as is reasonably practicable or unless otherwise permitted under Section 61 of the Control of Pollution Act 1974.

Construction Controls

- Behaviour

Main compounds are registered with the Considerate Constructors Scheme

Audited twice against the scheme's key principles:

Protecting the Environment

Valuing our Workforce

Caring about Appearance

Respect the Community

Securing everyone's Safety

Compounds scored "Excellent" in most areas & "Exceptional" in Safety

EKFB has also committed to the scheme's Ultrasite – an additional step to ensure excellence in construction practice



Construction Controls

- Behaviour, Complaints, Enquiries

20-day Service Level Agreement

2-Day Key Performance Indicator

(Urgent Construction Complaints)

Freedom of Information

Residents' Commissioner

Construction Commissioner



You can contact the Helpdesk by:

- **Freephone:** 08081 434 434
- **Minicom:** 08081 456 472
- **Email:** HS2enquiries@hs2.org.uk
- **Website:** by completing our [website enquiry form](#)

CA West Street

- The two wheel washes at West St are operational.
- Every Sunday the washer has to be taken out of service to remove dirt build up.
- Arrangements are in place to clean the white fleet every Friday.
- Jet Washers used on site for further cleaning
- Tractor Bowser is operational on this site (see top right image)



CA School Hill

- School Hill only has surfaced access roads. No dust being generated.
- Dust suppression of aggregate
- Long drive on entry/exit to compound
- Dust monitor present – no exceedance recorded
- Tractor Bowser is operational on this site



CA Station Road

- School Hill only has surfaced access roads.
- Long drive on entry/exit to compound
- Wheel wash on site
- Tractor Bowser is operational on this site

