



COAL MINING RISK SUMMARY REPORT (CMR)

**Proposed Reception and Office Area
alterations to existing industrial warehouse &
addition of entrance ramp & canopy**

September 2013

**Carpenter, Shaw Lane,
Dinting Lodge Industrial Estate,
Glossop, Derbyshire,
England. SK13 6LE**

Prepared by

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1.0 INTRODUCTION

The Coal Mining Risk Summary Assessment Report supports the Planning Application for the minor extension of the existing factory at Dinting Lodge Industrial Estate Glossop

Development description and location

- Type of development:
 - raising floor level of existing accommodation to create additional office and welfare spaces
 - addition of an entrance ramp to the new floor area
 - enclosure of an existing Transformer Bay

2.0 ASSESSMENT OF RISK

The Coal Authority Risk Analysis shows the site of the existing factory and proposed minor extension to be in an Area Defined as “Development high risk area” & “Probable shallow coal mine workings



2.1 Development High Risk Area

The Development High Risk Area is the part of the coal mining reporting area which contains one or more recorded coal mining related features which have the potential for instability or a degree of risk to the surface from the legacy of coal mining operations. The combination of features includes mine entries; shallow coal workings (recorded and probable); recorded coal mining related hazards; recorded mine gas sites; fissures and breaklines and previous surface mining sites. New development in this defined area needs to demonstrate that the development will be safe and stable taking full account of former coal mining activities. This area was formally known as the Development Referral Area.

2.2 Probable shallow coal mine workings

Probable shallow coal mine workings contain locations and estimated extents of probable shallow underground workings for which no recorded plan exists, but where it is likely that workable coal at shallow depths has been mined before records were kept. The data has been estimated from available mining records by qualified mining surveyors.

3.0 Review and Conclusions,

Having reviewed the 'Coal Mining' effect for the area SK13 6LE we have concluded that the area is defined as "Development high risk area" and "probable shallow coal mine workings". Given that we have no knowledge of any previous movement linked to any historical mining activities on the site and the age of the factory we are working in, we would not expect any issues with mining to arise as a result of the proposed works. However having taken these findings from the 'Coal Authority Report' into consideration we have taken the following steps to address the issues in our proposal;

- There is no sign of distress in the original façade; therefore there are no specific recommendations or concerns for the addition of cladding to the existing brickwork facade.
- The canopy will be suspended from the existing structure; therefore there will be no uncontrolled differential movement.
- The podium will be constructed independently of the existing building and will be designed to be solid and stiff.
- The ramp will be constructed independently of the building and podium, and created from external paving; it will be allowed to deflect, as it is easily repaired.

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