



The Coal
Authority

Application for an underground coal gasification operating licence

The complete application form (either as a pdf or hard copy) should be sent to us at licensing&permissions@coal.gov.uk or

Licensing Team
The Coal Authority
200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

Please complete the following information. If there is insufficient space in a relevant box please indicate and append the additional details.

1. Applicant

Name of organisation/company	
Name of primary contact	
Address	
Email	
Contact number	
Company number (if appropriate)	

Consultant for the purpose of managing the application *(if any)*

Name of organisation/company	
Name of primary contact	
Address	
Email	
Contact number	
Company number (if appropriate)	

Legal representative (if any)

Name of organisation/company	
Name of primary contact	
Address	
Email	
Contact number	
Company number (if appropriate)	

2. General information

Name given to the proposed Licence applied for		
National grid reference of the centre of the application area		
The application area in hectares (<i>Max. area = 10,000 ha</i>)		
The relevant Planning Authority (and/or offshore Authority)		
Type of Application	New Operating Licence	
	De-conditionalise existing conditional licence	
	Variation to an existing Operating Licence	

The estimated recoverable reserves for the project	
The anticipated annual rate of extraction	
The proposed date of commencement of operations	
The proposed term requested for the Licence	

3. Corporate structure

Where the applicant is not an existing licence holder please give the following information:

<i>Where the applicant is a corporate body</i>
The corporate structure of the applicant including details and company numbers of holding and subsidiary companies. An explanatory diagram can be appended, if appropriate.
Details of any other directorships, offices, or employment of the directors of the applicant including whether they are directors, officers or employees of other companies with direct or indirect interests in coal mining.
<i>Where the applicant is not a corporate body (e.g. individual or partnership)</i>
Details of any other directorships, offices, employments or similar interests (either current or intended after the grant of a licence), including whether they are directors, officers or employees of other companies with direct or indirect interests in coal mining.

4 Technical information

Please provide the following (appended to the application where necessary):

		Appended
An Ordnance Survey based plan showing the features described to the right (<i>on a scale suitable for accurately delineating those features</i>)	The licence application area defined by a red line (<i>this is normally the planning, or offshore, consent area</i>)	
	The location of the proposed surface/seabed access boreholes	
	The location of the site offices and the means of road access	
	Current surface/seabed and major sub-surface/seabed structures and features above and at least full depth outside the licence application area (<i>sub-surface/seabed features such as oil and gas pipeline,, trunk sewers; water and gas mains to be shown but not domestic services</i>)	
A generalised vertical section representative of the seams and strata relevant to the application area together with details of the seams above and below each application seam stating vertical distances if not shown on the generalised vertical section		

Known details of the quality and intended market of the products to be produced
Details relating to the sealing of boreholes and restoration proposals for the site
A brief summary of the geology of the application area including the sequence of coal seams to be worked, the geological structure, dips, faults and so on

		Appended
Plan(s) showing the features described to the right (<i>on a scale suitable for accurately delineating the features</i>)	The surface/seabed geology within and at least full depth outside the licence application area	
	The outcrop position of any coal seams to be worked	
	Areas of unconsolidated deposits or material likely to flow when wet and any rock or stratum containing or likely to contain water	
	The surface/seabed position of faults or known lines of weakness	
Plan(s) showing the features described to the right (<i>on a scale suitable for accurately delineating the features</i>)	Any old workings in the seams in the application area	
	Any old workings (with abandonment references if possible) which are themselves, or could be, connected to other old workings close to the surface or seabed which could allow the emission of gases or water at the surface or seabed if affected by the working of the application seams	
	The location and details of all known abandoned mine outlets in or above the area to be worked	
	Details of any surface or underground boreholes which intersect the seams	
	Sufficient interpolated seam contours to enable the gradient and geological structure of the seam to be determined	
	Details of seam sections and proposed working section(s) at intervals through the application area	
	The outline of method and proposed phasing of UCG operations to be undertaken during the first 5 years	

An assessment of any interaction effects with other coal mining operations likely to be caused by the proposed operations

5. Other necessary rights, permissions or consents obtained

5.1 Please supply the following information (appended to the application where necessary):

	Appended
Details of the access rights obtained in relation to the proposed operations. Such access rights include the surface/seabed and the rights to pass through other minerals if required and should include a certified Ordnance Survey based plan, on a scale suitable for accurately delineating the features, showing the area of the rights obtained	
A copy of (or the relevant electronic link to) the planning or equivalent offshore consent for the proposed operation including the certified consent plan	
Link	

6. Financial information

6.1 Please provide the following (appended to the application where necessary):

	Appended
A projected statement of year by year income and expenditure for the project (or the first 5 years if the project has a longer expected life). This statement should be accompanied by any key assumptions on annual production and expected selling price; upfront capital expenditure and operating costs.	
Details of how the applicant is proposing to finance the project including the initial stages before revenue from coal sales is generated. This evidence can include current bank statements if working capital is to be utilised; letters of confirmation from the bank or other fund providers or formal director's guarantees.	

Depending on the details provided, we may require further clarification or confirmation of individual elements of the applicant's projections.

6.2 Where the applicant is not an existing licence holder please provide (copies appended to the application or the relevant electronic link):

		Appended
The most recent 3 years' audited accounts of the applicant, where available. Where they are not available alternative supporting documentation must be provided.		
Link		
Any consolidated accounts for the most recent 3 years of which the applicant's accounts form part.		
Link		
The most recent 3 years' accounts of any ultimate holding company if not part of such consolidated accounts.		
Link		
Any Interim Statements subsequently published (including any Notes, the Chairman's Statement and Report of the Directors), in respect of the applicant and any ultimate holding company.		
Link		

The information provided under 6.1 and 6.2 above will be treated as confidential

7. Security

7.1 We take security against any liabilities that could fall on the Coal Authority through non-compliance by the operator of the terms of the Licence and associated Lease. To assist us in making an assessment to agree the level of security with the Applicant please provide:

The estimated cost of subsidence damage during the first year of proposed UCG operations having regard to the Subsidence Security Guidance Note which is available on our website in the model licensing documents section or directly from us

Proposals for the amount of security for lease liabilities including such items as 3 months production related rent and the estimated cost of treatment of the surface boreholes
Proposals for the form(s) of security to cover the amounts assessed above. Acceptable forms of security include a cash deposit with the Coal Authority, a cash deposit in an approved external bank escrow or deposit account accessible to the Authority or a Deed of Indemnity / Guarantee Bond with an approved financial institution.

- 7.2 The Coal Authority will stipulate the Area of Responsibility for subsidence damage in accordance with the relevant provisions of the Underground Coal Gasification Operating Licence
- 7.3 The level of security and the Area of Responsibility for subsidence damage will be reviewed annually.

8. Technical competence

Please give details of relevant expertise and experience, including statutory appointments, which will be available to the applicant for the proposed underground coal gasification operations.

9. Surface hazards

- 9.1 A surface hazard in this context can be a surface collapse; flooding; landslip; the escape of gas or the effects of spontaneous combustion on or near the surface, due wholly or partly to Coal Mining Operations, which constitutes an imminent danger or hazard to any person. In the context of the proposals please provide:

Details of the proposed management systems to be put in place and proposed measures to be taken to deal with any surface hazards which might arise within the application area.
Details of a 24 hour, 365 day contact to whom the Coal Authority can report details of any surface hazard of which it becomes aware.

10. Financial terms for acquisition of interests or rights in coal and other minerals

- 10.1 We charge a standard rate per tonne of coal gasified which is equivalent to the standard rate per tonne of coal produced by surface and underground coal mining operations. The current rates, which are subject to periodic review, are shown on our website (<https://www.gov.uk/government/organisations/the-coal-authority/about-our-services>)
- 10.2 If we revise our charges these Guidance Notes will be revised and the information will be published on our website (<https://www.gov.uk/government/organisations/the-coal-authority>).
- 10.3 We will agree a method for determining the amount of gasified coal (produced coal equivalent) with the Applicant prior to the grant of Licence and this will be incorporated into the associated lease.

11. Declarations

The applicant as named in Section 1 above, hereby:

- (a) submits an application to the Coal Authority for a Underground Coal Gasification operating licence as described above
- (b) certifies that the information provided is correct and not misleading
- (c) certifies that the required application fee has been paid to the Coal Authority

Print name		Date	
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