

Reference	Section	Submission date
CCS-A	About You	09/08/2024
CCS-C2	General: Varying a bespoke permit	25/10/2024
CCS-C2-2b-01	Padeswood CCS Non-technical summary	29/11/2024
CCS-C2-2b-02	Padeswood CCS Process Flow Explanation	09/08/2024
CCS-C2-3a	Castle Cement Limited relevant convictions	09/08/2024
CCS-C2-3a	Post conviction plan 100426	09/08/2024
CCS-C2-3d	ISO 14001 Certification	09/08/2024
CCS-C2-5a-01	Location Plan	09/08/2024
CCS-C2-5a-02	Permitted Boundary	09/08/2024
CCS-C2-5a-03	Carbon Capture Plant Block Plan	29/11/2024
CCS-C2-5a-04	Whole Site Block Plan	09/08/2024
CCS-C2-5b-01	Preliminary Risk Assessment	30/01/2025
CCS-C2-5b-02	Baseline Summary	09/08/2024
CCS-C2-6-01	Padeswood H1 Tool v8 - CCS ELV max <i>(NRW NOTE: Owing to the file type (containing macros) this file forms part of the public register but is only available on request, not the web portal)</i>	09/08/2024
CCS-C2-6-02	Environmental Risk Assessment	09/08/2024
CCS-C3	Variation to a Bespoke Installation Permit	09/08/2024
CCS-C3-2	Surface Drains layout and water emission points	09/08/2024
CCS-C3-3a-01	BAT Assessment <i>(NOTE: This plus supplementary files/information detailed below in response to NRW notice provides comprehensive BAT assessment)</i>	09/08/2024
CCS-C3-3a-02	Technical Description	29/11/2024

CCS-C3-3b-01-02	<p>Air Quality Assessment Input Data</p> <p><i>(NRW NOTE: CCS-C3-3b-1-2 is also referred to as "Table 1" and is reproduced in part as 'Appendix A Figure A1 Table 1' of amine air dispersion modelling report "444770-01(00) AQA-Hanson Padeswood DNS CCS Project_permitting_amine_17122024" as well as a standalone file. Parts of Table 1 are subject to an accepted confidentiality claim by the operator (ref CCS-F1-5). There are therefore two versions of the Table, the one referenced above on the public register, and a confidential one with additional information, named "Table1(HMUK).pdf" and held confidentially by NRW</i></p>	07/02/25 (OPR) & 17/02/25 (CinC)
CCS-C3-3b-02	Odour Risk Assessment	25/10/2024
CCS-C3-4a	Environmental Management and Monitoring Plan	09/08/2024
CCS-C3-5a	<p>https://planningcasework.service.gov.wales/dnsdetails</p> <p><i>(NRW NOTE: All the EIA files can be found on the above .gov URL and are not replicated on the NRW server)</i></p>	updated hyperlink Jan 25
CCS-C3-6a	Climate Change Adaption Plan	09/08/2024
CCS-C3-6b	Climate Technical Appendix	09/08/2024
CCS-C3-6c	Climate Change Agreement Exemption Summary	09/08/2024
CCS-F1	Opra, charges and declarations	09/08/2024
CCS-F1-1c	Charging Tool	09/08/2024
CCS-F1-5	Commercial in Confidence	07/02/2025
CCS-F1-6	<p>Application checklist</p> <p><i>(NRW NOTE: This File. The document contains file directory from the applicant plus notes/comments of explanation by NRW. The operator submitted version is available on request but is materially similar in content other than explanatory notes such as this)</i></p>	27/01/2025
CCS-F1-7a	NRW - Castle Cement authorised list 2016.04.14	09/08/2024

Supplementary documents		
CCS-SUP-01	ENVID Report	25/10/2024
CCS-SUP-02	Environmental Aspect and Impact Register	09/08/2024
	Flood Risk Assessment	09/08/2024
CCS-SUP-03	<i>(NRW NOTE - named "Flood consequences assessment" in documentation)</i>	
CCS-SUP-04	Site Drainage Technical Note	09/08/2024
CCS-SUP-05	Drainage Philosophy	09/08/2024
CCS-SUP-06	Tank Specification Summary	09/08/2024
CCS-SUP-07	Block flow diagram	09/08/2024
CCS-SUP-08	Emissions, Discharge and Waste Schedule	09/08/2024
CCS-SUP-09	Effluent Summary	09/08/2024
CCS-SUP-10	Environmental Basis of Design	09/08/2024
CCS-SUP-11	Environmental Critical Equipment Identification Procedure	09/08/2024
Duly making documents		
	2 AQ modelling. <i>(NRW NOTE: The table referred to in the response is "table 1" (CCS-C3-3b-01-02) and is described further above)</i>	07/11/2024
	3. Further information on absorption solvents <i>(NRW Note: Three further files have been provided in support of this response, "PAN-026621 SDS", "KS21-Composition" and "Table 2". These are subject to a confidentiality claim by the operator that has been accepted by NRW. Table 2 and KS21-Composition therefore do not appear on the public register. There are two versions (public and confidential) of "PAN-026621 SDS" - as detailed below)</i>	07/11/2024
	4a Cement production decarbonisation options appraisal	25/10/2024
	4a MHI_Tech_Selection_NRW	25/10/2024
	4b Justification of BAT for each process stage	25/10/2024

4c LCP BATc 40, 41 & 44 <i>(NRW NOTE: To supplement CCS-C3-3a-01 and to be read in conjunction with LCP BAT assessment submitted 07/11/24)</i>	29/11/2024
4d Justification that IED Ch III LCP standards are not relevant <i>(NRW NOTE: To supplement CCS-C3-3a-01)</i>	25/10/2024
4e Assessment against PCC Emerging Techniques <i>(NRW NOTE: To supplement CCS-C3-3a-01)</i>	25/10/2024
4f Energy Efficiency <i>(NOTE: To supplement CCS-C3-3a-01)</i>	25/10/2024
5 Noise assessment Padeswood Environmental Permit Variation <i>(NRW NOTE: Replaces all previous PAN-026621 variation submissions in respect of noise which are now withdrawn. file ref 2960956-RSKA-RP-002-(02))</i>	06/01/2025
6. Environmental Assessment Levels <i>(NRW NOTE: A further file has been provided in support of this response, "MHI CCS EALs V06_3_20250117_Final_MW.pdf" as detailed below)</i>	07/11/2024
7. Secondary containment	07/11/2024
8 Directly Associated Activities	25/10/2024
9. Emission points	07/11/2024
10. Site Condition Report	07/11/2024
444770-01(00) AQA-Hanson Padeswood DNS CCS <i>(NRW NOTE: report 444770-01(00) is in two parts [main] and "amine". Together they comprise entire AQA submission)</i>	02/12/2024

444770-01(00) AQA-Hanson Padeswood DNS CCS Project_permitting_amine_17122024 <i>(NRW NOTE: report 444770-01(00) is in two parts [main] and "amine". Together they comprise entire AQA submission)</i>	18/12/2024
LCP BAT assessment <i>(NOTE: To supplement CCS-C3-3a-01 and to be read in conjunction with 4c LCP BATc 40, 41 & 44 submitted 29/11/24)</i>	07/11/2024
Model files for main AQ report <i>(NRW Note: These files are available upon request as cannot be uploaded to online public register and can only be used/accessed using specialist modelling software)</i>	02/12/2024
Model files for Amine supplement <i>(Note: These files are available upon request as cannot be uploaded to online public register and can only be used/accessed using specialist modelling software)</i>	18/12/2024
BS4142 Noise assessment modelling files <i>(NRW NOTE: These files are available upon request as cannot be uploaded to online public register and can only be used/accessed using specialist modelling software)</i>	30/01/2025
PAN-026621 SDS - Material Safety Data Sheet for KS-21 solvent in support of response "3. Further information on absorption solvents" above <i>(NOTE: This information is in part subject to a confidentiality claim by the operator that has been accepted by NRW. Two versions of the file therefore exist - a redacted version on the public register "PAN-026621 SDS (public)", and an unredacted version held confidentially by NRW).</i>	07/02/2025
MHI CCS EALs V06_3_20250117_Final_MW.pdf Supporting file for response "6 Environmental Assessment Levels" dated 07/11/24	27/01/2025

Table 2 <i>(NRW NOTE: This information is subject to a confidentiality claim by the operator that has been accepted by NRW. It is therefore not on the public register but is held confidentially by NRW)</i>	17/02/2025
KS21-Composition <i>(NRW NOTE: This information is subject to a confidentiality claim by the operator that has been accepted by NRW. It is therefore not on the public register but is held confidentially by NRW)</i>	17/02/2025