

## SCHEDULES

### SCHEDULE 14

Article 2

#### DESIGN PARAMETERS

#### PART 1

#### DESIGN PARAMETERS ASSOCIATED WITH THE CARBON CAPTURE PLANT FOR UNIT 1

(1) <i>Component / Building / Area</i>	(2) <i>Work No.</i>	(3) <i>Maximum number</i>	(4) <i>Maximum length (m)</i>	(5) <i>Maximum width (m)</i>	(6) <i>Maximum height (m AGL)</i>	(7) <i>Maximum height (m AOD)</i>
Gas / Gas Heat Exchanger <sup>(1)</sup>	1D(v)(aa)	2	25	25	45	51.1
Quench Column	1D(i)(aa)	1	50	30	40	46.1
Absorber Column	1D(i)(bb)	1	50	30	95	101.1
Regenerator	1D(iii)(aa)	2	15	15	70	76.1
Carbon Dioxide Gas Compressor Building	1E(i)	4	45	40	30	36.1
Carbon Dioxide Main Vent Stacks	1E(iii)	1	10	10	30	36.1
Main Process & Service Rack <sup>(2)(3)</sup>	1D(iii)	1	150	20	25	31.1

- (1) Component to be located at elevation (i.e. located within the duct). Height stated is the maximum height component could be AGL.
- (2) Buildings / Structures may be coupled together. Total building volume will however not exceed volume required for maximum number of buildings. Maximum height stated is for all configurations. Switchrooms may also be doubled stacked.
- (3) The Rich Solvent / Lean Solvent Heat Exchangers would be located at elevation on the Main Process and Service Rack.

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

**PART 2**  
**DESIGN PARAMETERS ASSOCIATED WITH**  
**THE CARBON CAPTURE PLANT FOR UNIT 2**

(1) <i>Component / Building / Area</i>	(2) <i>Work No.</i>	(3) <i>Maximum number</i>	(4) <i>Maximum length (m)</i>	(5) <i>Maximum width (m)</i>	(6) <i>Maximum height (m AGL)</i>	(7) <i>Maximum height (m AOD)</i>
Gas / Gas Heat Exchanger <sup>(1)</sup>	1D(vi)(aa)	2	25	25	45	51.1
Quench Column	1D(ii)(aa)	1	50	30	40	46.1
Absorber Column	1D(ii)(bb)	1	50	30	95	101.1
Regenerator	1D(iv)(aa)	2	15	15	70	76.1
Carbon Dioxide Gas Compressor Building	1E(ii)	4	45	40	30	36.1
Carbon Dioxide Main Vent Stacks	1E(iv)	1	10	10	30	36.1
Main Process & Service Rack <sup>(2)(3)</sup>	1D(iv)	1	150	20	25	31.1

- (1) Component to be located at elevation (i.e. located within the duct). Height stated is the maximum height component could be AGL.
- (2) Building / Structures may be coupled together. Total building volume will however not exceed volume required for maximum number of buildings. Maximum height stated is for all configurations. Switchrooms may also be double stacked.
- (3) The Rich Solvent / Lean Solvent Heat Exchangers would be located at elevation on the Main Process and Service Rack.

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### PART 3

#### DESIGN PARAMETERS ASSOCIATED WITH THE COMMON INFRASTRUCTURE REQUIRED FOR BOTH THE CARBON CAPTURE PLANT FOR UNIT 1 AND THE CARBON CAPTURE PLANT FOR UNIT 2

(1) <i>Component / Building / Area</i>	(2) <i>Work No.</i>	(3) <i>Maximum number</i>	(4) <i>Maximum length (m)</i>	(5) <i>Maximum width (m)</i>	(6) <i>Maximum height (m AGL)</i>	(7) <i>Maximum height (m AOD)</i>
Carbon Capture Wastewater Treatment Plant Area	1D(viii)(a)	1	80	70	40	46.1
Solvent Storage and Make- up System Compound	1D(vii)	4	55	45	25	31.1
Combined Power Turbine Building <sup>(1)</sup>	1C(iii)(bb)	2	50	45	35	41.1
Pressure Reducing De- Superheating Station Building <sup>(1)</sup>	1C(iii)(dd)	2	15	45	15	21.1
Steam Pipe Bridge Connection (Connection with existing Drax Power Station Infrastructure)	1C(iii)(ee)	1	30	10	65	71.1
Steam Pipe Bridge	1C(iii)(ee)	1	300	20	25	31.1
Fire Water Tanks	1D(viii)(dd)	4	15	15	15	21.1
Switchroom Building <sup>(1)</sup>	1F	30	30	16	20	26.1
Carbon Dioxide Pipe Bridge	2	1	500	20	20	26.1
Carbon Dioxide Delivery	2	1	100	100	12	18.1

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<i>(1)</i> <i>Component / Building / Area</i>	<i>(2)</i> <i>Work No.</i>	<i>(3)</i> <i>Maximum number</i>	<i>(4)</i> <i>Maximum length (m)</i>	<i>(5)</i> <i>Maximum width (m)</i>	<i>(6)</i> <i>Maximum height (m AGL)</i>	<i>(7)</i> <i>Maximum height (m AOD)</i>
Terminal Compound (onshore carbon pipeline operator)						

(1) Buildings / Structures may be coupled together. Total building volume will however not exceed volume required for maximum number of buildings. Maximum height stated is for all configurations. Switchrooms may also be double stacked.