

Main Outage CDM Induction

This induction will cover the site Main Outage CDM requirements (Disassembly, removal, replacement, inspection and maintenance, reassembly of power plant and associated equipment which includes the following plant components: 1 x BWE Boiler, 1 x Alstom Steam Turbine, 1 x ABB Generator, Balance of Plant including Fire Protection Systems).

Site address: **Brigg Renewable Energy Plant,
Scawby Brook,
Brigg,
North Lincolnshire,
DN20 9LT**

The project area (see Fig 1) will be operated under CDM 2015 Regulations during the outage period under the F10 notification and Construction Phase Plan (CPP)

Construction Phase Plan (CPP)

The Construction phase plan has been disseminated to all companies. Please ensure you obtain a copy and understand its contents in full – this induction will cover the main pertinent points.

Main focus for **Communication**, **Cooperation** and **Coordination** throughout the outage is the Daily Outage Planning Meeting held at 13:00 Via Skype call/Tele conference (NB: you should receive a daily update as part of their daily safety brief)

CDM Role Holders:

- Pete Smithson – Client
- Mark Elston- Principal Designer
- Mark Elston – Principal Contractor
- Please ensure you know your main site contact is (as per the organogram shown in the CPP)

Access to Site

The site will operate on a **24/7** basis during the Outage.

All personnel are to swipe in and out at the main gate/security cabin upon on Entrance and Exit.

Vehicles must be parked in designated parking bays/roads (see plan overleaf)

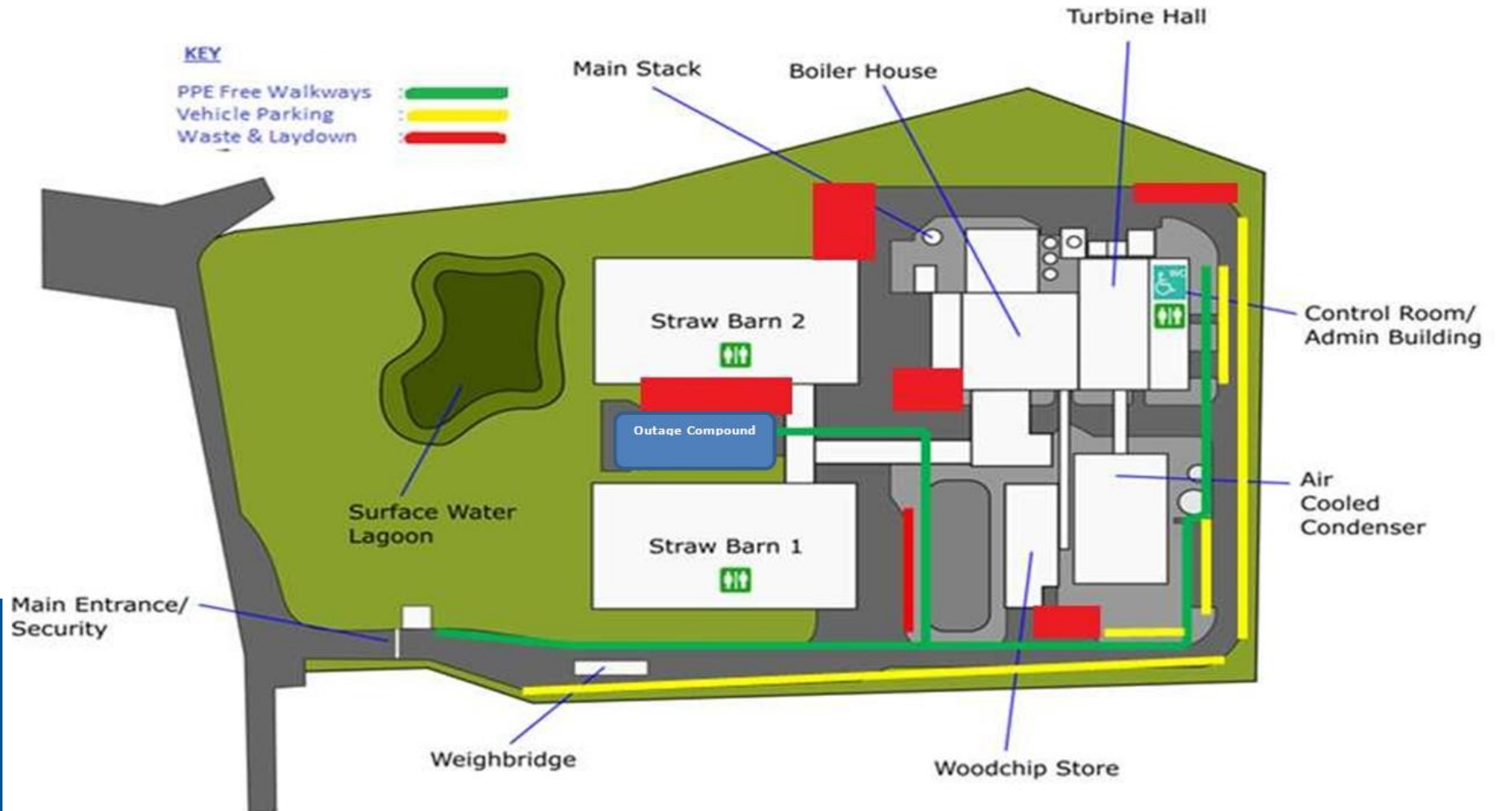
Designated pedestrian routes(PPE free) are identified via green walkways or signage (see plan overleaf)

Vehicles can be unloaded/loaded around site, but must be **immediately** removed to designated parking areas to ensure roadways remain clear for emergency use.

All persons entering site will be subject to the sites 'random' and 'just cause' Drugs and Alcohol policy. In addition they may be subject to random vehicle searches

OUTAGE PARKING, PEDESTRIAN ROUTES, WASTE AND LAYDOWN AREAS

(Fig 1)



Welfare Facilities

The following facilities are provided on site within the Outage compound area:

- Male Toilets/Female Toilets
- Male & Female Washing facilities (with hot & cold running water)
- Smoking area

Female Facilities are separated on the Outage Compound

Please note all food and drink is to be consumed within the prescribed welfare facilities compound or in the vehicle cabs.

Please use the rubbish bins provided.

The outage compound is designated as **PPE free** area

Welfare Facilities

Payments at the catering van should be taken by contactless card wherever possible.

Crockery, eating utensils, cups etc. will be removed. Personnel are required to bring their own, any purchases from the catering van will be issued disposable cutlery.

BREP will provide suitable and sufficient rubbish bins for hand towels with regular removal and disposal.

The number of people using toilet facilities at any one time will be restricted.

EMERGENCY PROCEDURE FOR THE OUTAGE COMPOUND AREA IN THE EVENT OF A FIRE OR SIGNIFICANT EVENT

In the event of a fire or incident being discovered the individual should immediately inform the main control room on radio channel 1 or 01652601313, stating the nature and location of the incident.

Do not attempt to Deal with the incident by yourself – It is important that the incident is raised and escalated to allow the appropriate response.

As incident Controller the control room will ensure that an emergency response Team Lead is sent to the compound area to assist in the evacuation of the outage compound.

In the event of the alarm being raised within the compound area all personnel located within this area will immediately vacate the cabins/stores and proceed directly to the muster Point.

Each company's nominated Fire Marshall will ensure all of their nominated cabins/stores are clear of personnel – This will be achieved by visual & verbal method to all cabins.

The Fire Marshall's will then report to the muster point and prevent any other person entering the area, they will then report to the emergency response team leader that their cabins are evacuated and are clear of personnel.

Where the appointed Fire Marshall is not present in the cabins, another person must enact the role of fire Marshall.

The BWSC emergency response team lead will then respond to the incident controller & co-ordinate response/emergency services as required.

NOTE: Should the main site alarm sound all personnel must proceed to the main muster point in the SE Corner of the site.

First Aid Arrangements

There are first aid boxes around site at strategic locations marked with the first aid sign.

A first aid box has been provided on the outage compound display board.

There are First aid personnel located within the control room who can be contacted on radio channel 1 or **01652 601313**

Site Information

The following information and assistance can be obtained via the main notice boards (*Located next to permit office in the main Admin building and within the outage compound area*)

- **F10 Notification**
- **CPP**
- **Organogram**
- **First Aider Details**
- **Near Hit Reporting**
- **Suggestions / General Information**

Significant Site Hazards:

Lifting Operations– All Areas

Please be mindful of ongoing lifts and respect barriers/signs. Ensure all lifts are adequately demarcated to prevent unauthorised access

Movement of Plant – All Areas

Ensure designated pedestrian routes / zebra crossings are adhered to. Also ensure all site vehicles are parked in designated areas and not around site.

Working at Height

Please ensure all scaffolds are tagged/in date for use and ensure rescue plans are established. Ensure all areas and tooling are secure to prevent falling objects.

Confined spaces – Boiler, Turbine & FGT Areas

Please ensure Permit, hole watcher, gas monitor and rescue plans are established prior to entry.

The Confined Space outage rescue team will be delivered through BWSC GS UK Ltd.

Permit to Work

Only working party leaders (Acceptors) are to attend the control room when receiving permits, all other Personnel are to wait at the outage compound. Permits should be taken out as per the outage time line.

All personnel will ensure that they have the appropriate documents before attending the permit issue office such as work orders, GSAF, Hot Works Certificates etc. these will be issued by the O&M.

Before each job can be completed a member of the BWSC team must sign off the work using the Quality sign off on the GSAF form.

All Permit Training Will be conducted as per the timings detailed in the CPP.

Hot Works (Hot Works Fire Watch)

- **Shall not carry out any other work while the Hot Work is in progress**
- Trained and competent to use the available fire fighting equipment
- Remains at the **Hot Work** location during breaks and on completion of the work as directed by the **Acceptor – Hot Work** (minimum of 1 hour after Hot Work ceases)
- Maintain communications with the Control Room - be able to use the Site Radio.
- All Fire Watch Persons at BWSC Generation Services Ltd UK Safety Rules sites Shall be assessed in **Hot Work - Fire Watch** Duties at the location.
- All Fire Watch personnel must know the sites emergency response number – 01652 601300

Thank you for helping to keep Brigg Renewable Energy Plant a safe place to Work.