

RISK ASSESSMENT FOR VISIT BY MEMBERS OF THE PUBLIC TO PV PLANT AT WYMESWOLD AIRFIELD, PRESTWOLD LANE, LEICESTERSHIRE LE12 5SN

ON WEDNESDAY 18 MAY 2016

Date of Risk Assessment: 18 May 2016

Prepared by: FORESIGHT GROUP

Risk Situation	Risk	Action to prevent risk	Instructions for Visitors
Visitors are not used to the visitor safety rules and are therefore are at a greater risk of not following the rules.	Injury or death (as below)	<ul style="list-style-type: none"> • Clear verbal briefing • A sign sheet to confirm visitors have understood instructions • Visitors will be accompanied on the visit and under the supervision of a Foresight member of staff • Groups will be limited to 10 	
While inspecting the back of the PV modules, below its surface and between the structures, it is probable to suffer a bump on the head.	Bump on the head	<ul style="list-style-type: none"> • Helmets to be made available as required • Instructions to be provided to visitors (see column to the right) 	Visitors shall walk between or close to the PV modules only under supervision and following the instructions of the PV Plant's staff including when a helmet needs to be worn
While inspecting the String Combiner Boxes and any other kind of switchboard, it is possible to suffer an electric discharge if the person who operates the switchboard does not have proper electrical knowledge.	Electric contact	<ul style="list-style-type: none"> • Switchboards will only be operated by qualified people. • Instructions to be provided to visitors (see column to the right) 	Visitors are not allowed to touch the String Combiner Boxes and any other kind of switchboard

<p>While touching the PV panels' surface it is possible to suffer a burn on the hands from the high temperature that the metallic frames and crystal surfaces can acquire due to the sun isolation (near or above 50° C). Additionally, even when it is less probable, there is a small risk of electric contact.</p>	<p>Electric contact and burns.</p>	<ul style="list-style-type: none"> • Instructions to be provided to visitors (see column to the right) • To wear gloves if permission is given by a member of staff to touch PV panels 	<p>Visitors are not allowed to touch the PV panels without permission from the Foresight member of staff and gloves being provided</p>
<p>Depending on the ground conditions people can get stuck in mud, especially outside of perimeter ways.</p>	<p>To get stuck in mud.</p>	<ul style="list-style-type: none"> • Access to muddy areas will be prohibited • Instructions to be provided to visitors (see column to the right) 	<p>Visitors are not allowed to walk out of the perimeter ways if the soil conditions are inadequate (please follow instructions from staff).</p>
<p>In case an unqualified person opened the central inverter's door or accessed the transformer cabin, he/she can be electrocuted.</p>	<p>Death or severe injury.</p>	<ul style="list-style-type: none"> • To forbid the access to the transformer and inverter cabins to all people not electrically qualified. • Cabin doors will be locked • Danger of death signs will be on the door 	<p>Visitors are prohibited to enter the cabins and should be warned of the dangers</p>
<p>It is dangerous to stay under the antennas that can be located close to the cabins, especially under muddy conditions and humid environment.</p>	<p>Electric contact</p>	<ul style="list-style-type: none"> • To forbid people from touching antennas or going too close to them • Instructions to be provided to visitors (see column to the right) • Access to the area will be prohibited 	<p>Visitors must stay away from the antennas.</p>