



SLR Consulting Ltd

Fulmar House
 Beignon Close
 Ocean Way
 Cardiff
 CF24 5HF

Date: 10th November 2009

Ref: ICAO proposal Plymouth Incinerator 90m (2 steel chimneys)

For the attention of Will Ryan

Dear Sir

Please find following Aircraft Warning Lights (Awl's) proposal, this being in line with:

1. ICAO Annex 14 (International Civil Aviation Authority)
2. CAA CAP 168 & 393 (Civil Aviation Authority)

As the two chimneys/obstacles are within close vicinity, we shall regard this as one obstacle for an efficient, environmentally friendly and cost effective solution.

The below table indicates the number and type of Aircraft Warning Lights (Awl's) required to be compliant with the ICAO regulations.

Item #	Level	Type of Awl	Quantity
1	45m	Red medium intensity ICAO type C, steady burning – WL2500 LED Awl	2
2	90m	Red medium intensity ICAO type C, steady burning – WL2500 LED Awl	2
3	Ground level	2 x control panels with photo electric controller for automatic dusk/dawn switching of Awl's	2

Please note the top level lights can be located up to 6m below the top of the structure to prevent corrosion or any reactions between the waste gasses and Awl's, this being in line with ICAO Annex 14.

It is advised that your design should consider good access to the Awl's for future maintenance. We would recommend using LED type Awl's rather than incandescent or neon as the life expectancy with LED type Awl is 10 x greater.

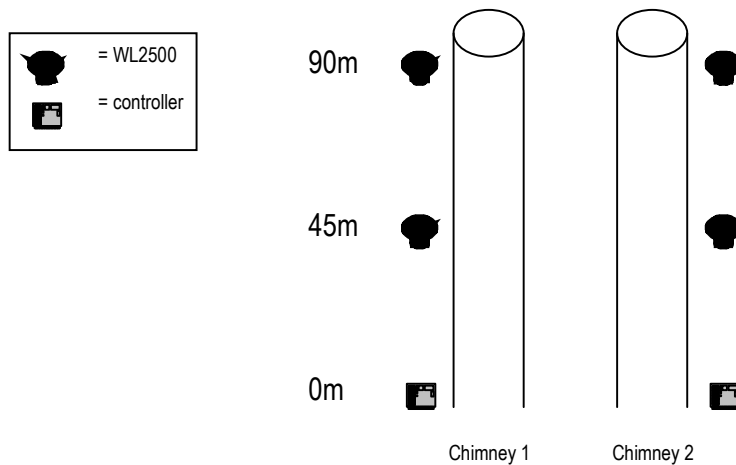
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Following is an illustration of where the Awl's shall be located; additionally a control panel which shall also be required is shown for your reference.

Figure 1.1



Please note, Delta Obstruction Lighting Ltd. specialise in design, supply & installation of Awl systems and its ancillary equipment, i.e. cable tray, cables, controllers, junction boxes, internal/external lighting, maintenance sockets, etc.

I have attached some data sheets of the Awl's proposed for your reference along with the ICAO Annex 14 document to justify our proposal.

Please do not hesitate to contact me if I can be of further assistance.

Yours Faithfully,

Tariq Mukhtar

For and on behalf of
Delta Obstruction Lighting Ltd.