

The use of Light Sticks & LightShapes on all Network Rail track sites during The hours of darkness



Mandatory uses to support track site safety

Issue 1

NetworkRail

 **CYALUME**[®]
Light Technology

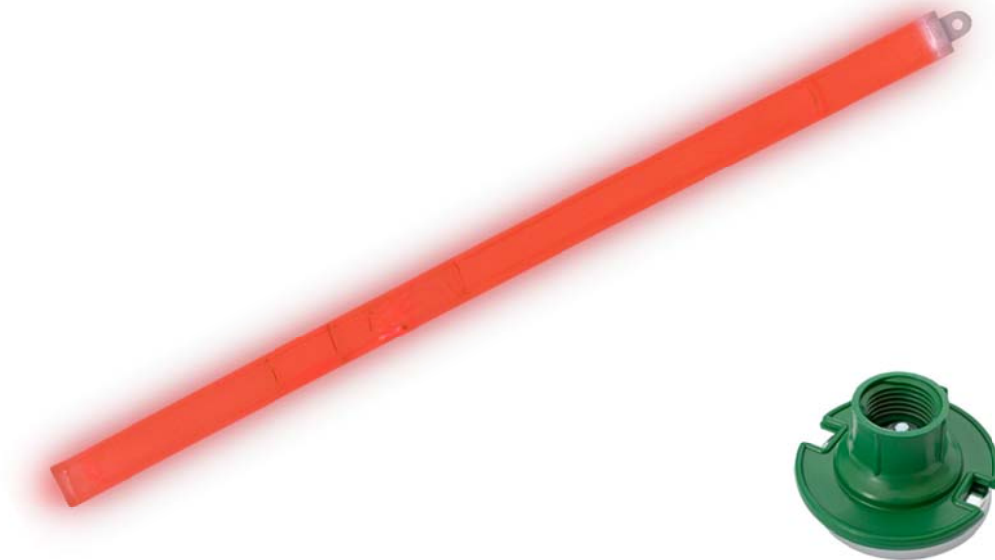
Isolation for Overhead Lines



Identifying limits of isolation for Overhead Lines

15" Blue light stick ATEX approved (40 cm)
Item Code : 9-06140PF (box of 20)

- Only 15 inch blue colour light sticks shall be used.
- The light stick shall be mounted approximately 2.5 metre above the ground, on to the track facing face of the overhead vertical gantry.
- The light stick should be fixed at 90° to the vertical and pointed 45° degrees towards the isolation area in the horizontal plane using Unipart Rails magnetic base with adapted angle (Item code SA9-33460).
- The light sticks shall have a minimum illumination time of 8 hours.
- They shall be left in 'situ' at the end of the shift until it is safe and practical to recover and dispose of them.



Identifying Points on Site

15" Red light stick ATEX approved (40cm)
Item code: 9-06120PF (box of 20)

- Only 15 inch red colour light sticks shall be used.
- The light stick shall be mounted vertically on both rail heads 1 metre before the points using a magnetic base (Item Code: SA9-33460).
- The light sticks shall have a minimum illumination time of 12 hours.
- They shall be left in 'situ' at the end of the shift until it is safe and practical to recover and dispose of them.

Drains, Culverts & Catch Pits



Highlighting of Drains, Culverts and Catch Pits

6" Yellow light stick SnapLight® ATEX approved (15cm)

Item code: SA8-08082BI (box of 500) or item code: SA8-108082BI (box of 100)

- Only 6" yellow colour light sticks shall be used.
- The light stick shall be placed around the edge of a drain, culvert or catch point to highlight the area.
- The light sticks shall have a minimum illumination time of 8 hours.
- They shall be left in 'situ' at the end of the shift until it is safe and practical to recover and dispose of them.

Cables & Earth Bonds



Highlighting Cables & Earth Bonds

6" Blue light stick SnapLight® ATEX approved

Item code: SA8-08080BI (box of 500) or item code: SA8-108080BI (box of 100)

- Only 6 inch blue light sticks (15cm) shall be used.
- The light stick shall be attached or placed immediately next to all cables and earth bonds within the work site.
- The light sticks shall have a minimum illumination time of 8 hours.
- They shall be left in 'situ' at the end of the shift until it is safe and practical to recover and dispose of them.

Axle Counters & Ground Signals



Highlighting of Axle Counters and Ground Signals

6" White light stick SnapLight® ATEX approved (15 cm)

Item code: SA8-08098BI (box of 500) or item Code: SA8-108098BI (box of 100)

- Only 6" white colour light sticks shall be used.
- The light stick shall be placed on or next to the axle counters and ground signals to highlight them.
- The light sticks shall have a minimum illumination time of 8 hours.
- They shall be left in 'situ' at the end of the shift until it is safe and practical to recover and dispose of them.

First Aiders



Highlighting of First Aiders

White LightShape® with green cross ATEX approved (8 cm)
Item code: 9-50866PF (box of 100)

- Only white colour disc with a green colour cross shall be used.
- The lightshape shall be worn on the chest area of the site First Aider. The shape is adhesive so will stick to the relevant PPE.
- The lightshape shall have a minimum illumination time of 8 hours.
- They shall be worn until the end of the shift.

Machine & Crane Controllers

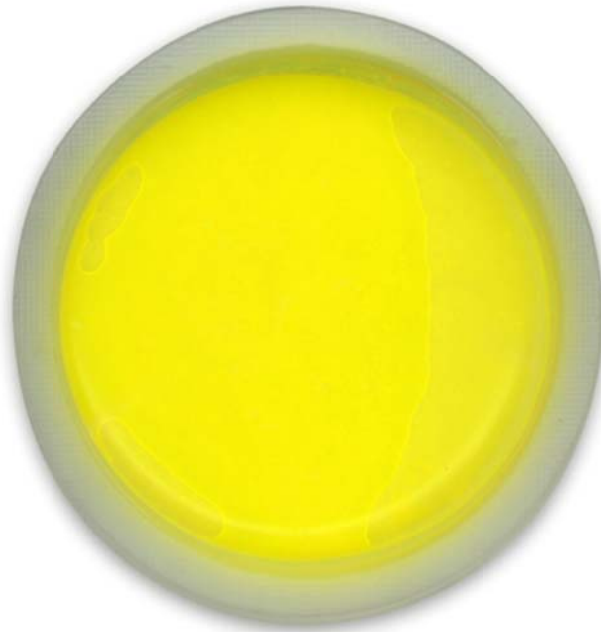


Highlighting of Machine and Crane Controllers

Blue LightShape® ATEX approved (8cm)
Item code:9-50875PF (box of 100)

- Only blue colour light shapes shall be used.
- The lightshape shall be worn on the chest area of the site Machine Controllers or crane
- Controllers. The shape is adhesive so will stick to the relevant PPE.
- The light shapes shall have a minimum illumination time of 8 hours.
- They shall be worn until the end of the shift.

Engineering Supervisor and their designate



Highlighting of Engineering Supervisor and their designate

Yellow LightShape® ATEX approved
Item code: 9-50880PF (box of 100)

- Only yellow colour light shapes shall be used.
- The light stick shall be worn on the chest area of the engineering Supervisor and their designate
- The shape is adhesive so will stick to the relevant PPE.
- The light shapes shall have a minimum illumination time of 8 hours.
- They shall be worn until the end of the shift.

MAD Coaches



Highlighting of MAD Coaches

Purple LightShape[®] ATEX approved
Item Code: 9-50870PF (box of 100)

- Only purple colour light shapes shall be used.
- The light shape shall be worn on the chest area of the MAD Coaches. The shape is adhesive so will stick to the relevant PPE.
- The light shapes shall have a minimum illumination time of 8 hours.
- They shall be worn until the end of the shift.

Green Zones

Highlighting of Green zones

White LightShape® ATEX approved
Item code: 9-508765PF (box of 100)

- Only white colour light shapes shall be used.
- They shall be placed in the inside web of the rail that forms the boundary between green and red zones.
- They shall be attached to the web of the relevant rail via their self adhesive base.
- They shall be placed at 10 metre intervals.
- The light shapes shall have a minimum illumination time of 8 hours.
- They shall be left in 'situ' at the end of the shift until it is safe and practical to recover and dispose of them.



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