

Blue Flags

Meet FRA rules, OSHA requirements

Western-Cullen-Hayes, Inc. makes a variety of Blue Flag Signs for the railroad industry. These signs can be free standing devices or integral parts of other railroad equipment such as derails or switches. Our signs can be clamped to the rail, spiked to the cross ties or driven into the ballast. We manufacture a power operated, remote controlled Blue Flag Sign for high use areas such as locomotive and car repair shops. Western-Cullen-Hayes, Inc. also makes signs that are secured to locomotives and freight cars by hangers and signs that are mounted to existing posts or buildings.

Western-Cullen-Hayes, Inc. signs are made from 14 gage steel to withstand the rugged service requirements of the railroad industry. Our standard signs have white letters on a blue background, and a variety of messages are available; please contact us with your requirements. Aluminum signs are available at a slight additional cost.

All of our Blue Flag Signs meet the requirements of the FRA and OSHA for the protection of workers around or in freight cars and locomotives.



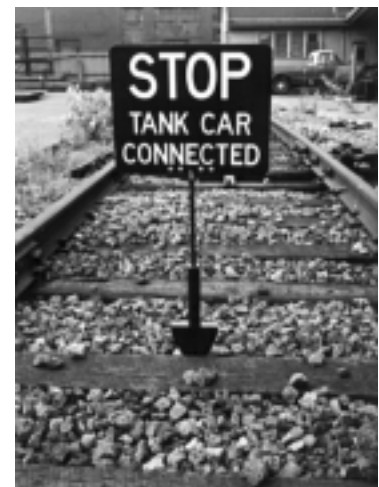
Permanent Blue Flag Model BFH Fold Down Flush Ground Level

Hinge Design. Simply spike base to tie in center of track. To lower, lift staff from holder, then lower to horizontal position. Available with battery-powered blue light accessory.
Weight: 12 lbs. w/o light.



Portable Blue Flag Model RBF & RBFL

Rail Clamp Design. Universal fit. RBFL has locking provision. Available with battery-powered blue light accessory. Specify type flag message and if light is desired.
Weight: 14 lbs. w/o light-RBF.
Weight: 16 lbs. w/o light-RBFL.



Portable Blue Flag Model BF

Spike Staff Design. Has self-contained driver. Pointed for applying to ties or ballast. Available with battery-powered blue light accessory. Specify type flag message and if light desired.
Weight: 12 lbs. w/o light.

Power Blue Flag Model PBF

A remote controlled Power Blue Flag provides the ultimate in blue signal protection for men working on or in railroad cars. Built to survive abuse, it saves countless expensive labor hours by permitting remote replacement of FRA and OSHA required blue signal protection. A mercury switch circuit closure permits a positive readback indication of flag position. Your choice of flag message.

Additional Features: Lockable Cover – Flag staff rotates in bronze bearings with “O” ring seals. – Can be used in conjunction with DeLectric Derail Operator.

Specifications:

Materials: Case – 3/8" HR Steel
Case Cover – 12 gauge steel floorplate
Flag Staff – 3/4" extra heavy pipe
Blue Flag – 16 gauge aluminum
Light – 4" diameter lens, high impact plastic case, 25 watt bulb

Finish: Case & Staff – battleship gray enamel
Flag – White reflectorized letters on a blue reflectorized background

Weight: 120 lbs (Case and Flag)

Dimensions: Case – 10" H x 10-3/4" W x 16"-3/4" L
Flag – 12" H x 15" W
Length Over Mounting Flanges – 24-1/4"
Flag Upright – 30" above ties

Electrical: Motor – 120 VAC, 50-60 Hz, 1.3A to full load
Relays – Plug-in type, SPDT, contacts rated 10A/115 VAC industrial grade
Limit Switches – SPDT, contact rated 10A/120VAC



Technical Manual and Circuit Schematics available on request.

Articulating - Automatic Mechanical Blue Flag Model AAMBF



The AAMBF is designed to be used with Western-Cullen-Hayes Model HB or KA sliding derails.

When the derail is placed in the derailing position, the AAMBF raises to provide Blue Signal protection in compliance with FRA and OSHA requirements.

The AAMBF incorporates a gear reduction box and a 360 degree articulating sign shaft for smooth operation, reducing damage to the unit if accidentally struck by rolling stock.

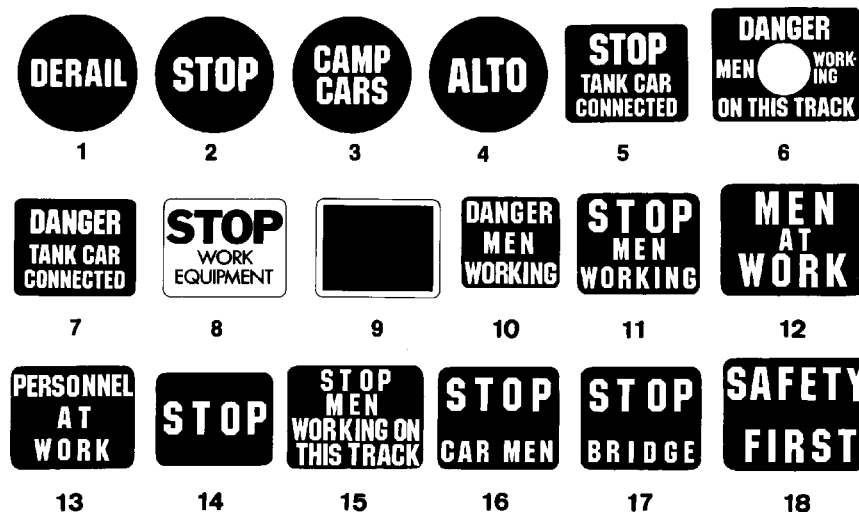
The AAMBF is available with a blue light for night time visibility. Specify flag style. Weight: 68 lbs.

Blue Flashing Light Accessory



Battery operated Blue Light with 12 volt bulb. Uses two 6 volt lantern batteries (batteries NOT included). Photo cell controlled. 7" Blue Lens. Installs on staff of flag or can be used separately on ground. Special fastener for theft protection (wrench provided). Weight: 5 lbs.

Blue Flag Messages Available:



Special Signs Made to Order, Other Colors also Available