

PUBLIC TRANSPORT AUTHORITY
SAFEWORKING RULES AND PROCEDURES

6009
INDICATORS

CONTENTS

1.	Purpose	3
2.	General.....	3
3.	Route Indicators	4
4.	Junction Indicators	5
5.	Reference.....	5
6.	Effective Date	5

1. PURPOSE

The purpose of this rule is to describe the protocols for using Indicators. They are provided to give *Rail Traffic Crew* information on the *Route* setting of *Points* and may be used in conjunction with *Fixed Signals* in the Public Transport Authority (PTA) *Network*.

2. GENERAL



WARNING

Indicators do not indicate the line ahead is *Clear*.

When used in conjunction with *Signals*, the Indicator when illuminated does not *Authorise* the *Rail Traffic Crew* to pass a *Signal* at Stop. The *Signal* must show a *Proceed Authority* to pass.

Indicators work in conjunction with the *Points* to which they apply; solely to indicate the way the *Points* are set.

Points Indicators take several forms:

- *Route Indicators*; and
 - *Junction Indicators*.
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3. ROUTE INDICATORS

A *Route Indicator* is mounted above, alongside or below a *Controlled Absolute Signal* and exhibits indications in conjunction with a *Proceed Aspect* on that *Signal*.

When illuminated, *Route Indicators* display one or two alphanumeric characters, in accordance with the designations assigned to each *Route* on the diagram of *Signalling*.

Route Indicators display the characters by means of a matrix of white lights.

Where the *Route* display is not perfectly displayed or unclear, *Rail Traffic Crews* may *Proceed* on the *Signal* indication and confirm the *Route* with the *Train Controller*.

A *Route Indicator*, when illuminated, does not *Authorise* the *Rail Traffic Crew* to pass a *Signal* at *Stop*. The *Signal* must show a *Proceed Indication* for *Authority* to pass.

Signals with a *Route Indicator* attached can only be passed at *Stop* in accordance with **Rule 6013 Passing Fixed Signals at Stop**.



FIGURE 3.1
Route Indicator

4. JUNCTION INDICATORS

A *Junction Indicator* is mounted above the *Controlled Absolute Signal* with which it is associated and exhibits an indicator for each diverging *Route* in conjunction with a *Proceed Indication* on the *Signal*.

A *Junction Indicator* may be provided with up to six arms fixed at 45 degree intervals. Diverging roads only are indicated. No indication is provided for the non-diverging line.

Each arm of the *Junction Indicator* contains five white lights. A minimum of three white lights must be illuminated before a *Proceed Indication* can be displayed on the *Signal*.

A *Junction Indicator* when illuminated does not *Authorise* the *Rail Traffic Crew* to pass a *Signal* at *Stop*. The *Signal* must show a *Proceed Indication* for *Authority* to pass it.

Signals with a *Junction Indicator* attached can only be passed at *Stop* in accordance with **Rule 6013 Passing Fixed Signals at Stop**.



FIGURE 4.1
Junction Indicator

5. REFERENCE

Rule 6013 Passing Fixed Signals at Stop

6. EFFECTIVE DATE

1 November 2015

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