

## 85.30

**85.30 - Electrical signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 86.08).**

8530.10 - Equipment for railways or tramways

8530.80 - Other equipment

8530.90 - Parts

This heading covers all electrical equipment used for controlling the traffic on railways, hovertrain systems, roads or inland waterways. To a certain extent similar equipment is also used for controlling ships or boats (e.g., in harbours), aircraft (e.g., at airports) and for parking facilities, and this equipment is also covered by the heading. But the heading **excludes** similar equipment which is operated mechanically, even if incorporating minor electrical features (e.g., mechanical signals with electrical means of illumination, or hydraulic or pneumatic controls set in motion electrically); this falls in **heading 86.08**.

Static signs, even if lit electrically (e.g., illuminated panels used as direction signs), are not regarded as traffic control equipment. They are therefore not covered by this heading but are classified in their own appropriate headings (**headings 83.10, 94.05**, etc.).

**(A) Railway or tramway equipment (including equipment for underground mine railways) and hovertrain transport system equipment.** This falls in two groups :

- (1) **Signalling or safety equipment.** This consists of the actual signals (usually a number of coloured lights, or moving arms or discs, mounted on a post or in a framework of some sort), the actuating equipment and the control equipment (whether hand-operated or automatic).

Signalling equipment of this kind is used for the control of traffic at stations, junctions, level crossings, etc., or for controlling the passage of a number of trains over the same sections of line. The latter type includes automatic section signalling equipment, the passage of a train from one section of a track to the next automatically operating the necessary signals.

The heading also covers equipment for signalling to stations or to signal boxes (either by means of a warning bell or a visual display) the position or approach of trains, or the position taken up by points, signals, etc.

Certain types of signalling equipment incorporate means of passing the signal direct to the cab of the engine itself. Contacts or sensors mounted on the line actuate a mechanism on the engine as it passes, and either give visual or audible warning to the driver in the cab itself or, in some cases, operate the controls of the engine to bring it to a stop. That part of the equipment mounted in the engine is not covered by this heading.

- (2) **Track control equipment**, e.g., equipment for the remote control of points. This equipment consists essentially of the actual operating equipment (including in some cases locking devices) which is mounted on the track near each set of points, and the control panel and equipment mounted at some centralised control point (signal box, etc.).

This group includes certain complex equipment for the automatic control of wagons in marshalling yards, e.g., progression relay storage equipment and wagon movement control apparatus ("ball robot") installed in some big marshalling yards.

(B) **Equipment for roads, inland waterways or parking facilities.** This group includes :

- (1) **Automatic level crossing signals**, e.g., winking lights, bells, illuminated stop signs.

Electrical equipment for operating gates or barriers is also covered by this heading.

- (2) **Traffic lights.** These usually consist of a system of coloured lights installed at cross-roads, junctions, etc. They comprise the actual light installations, control equipment and means of operating the controls. The lights may be hand-operated (lights operated by a traffic policeman or, on certain pedestrian crossings, by the pedestrian) or automatic (lights operated on a time basis, and lights operated by the passage of vehicles, either by means of photoelectric cells or by contacts placed on the road).

(C) **Electrical traffic control equipment for port installations or airfields.**

## PARTS

**Subject** to the general provisions regarding the classification of parts (see the General Explanatory Note to Section XVI), parts of the goods of this heading are also classified here.

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The heading **does not cover** electrical lighting or signalling equipment for mounting on cycles or motor vehicles (**heading 85.12**).