



Plant Approval Certificate Track plant or equipment

Track maintenance plant and equipment submitted for Plant Approval must comply with the appropriate statutory regulations, LU standards and the requirements of this certificate. It is the responsibility of the Project Manager to ensure that the plant/equipment submitted for approval is compliant with the regulations and standards of the above companies. Plant and equipment approval requirements are defined in LU standard 1-172 'Plant Tools and Equipment - Performance and Design'. Note 1. If this plant is defined as a rail vehicle, Approval must be granted by the Rolling Stock Engineer LU before it is allowed to run on the LU rail system. Note 2. Approved plant must meet the inspection and maintenance requirements of LU standard 1-173 'Plant, Tools and Equipment - Inspection and Maintenance'. Note 3. Operators must be trained and certificated TE-QAS-0302 Note 4. Diesel engine powered plant must conform to the requirements of LU QUENSH conditions Ref. 2-05104-432

Description: Battery powered track geometry gauge - modified for LU use see plant/8711_at01
Make: ABTUS
Model: ABT4530 Track alignment gauge
Identification Number: ABT4530-030
Type of operation: Measurement of track geometry
Area of operation: On track managed by LUL Nominees BCV and SSL Ltd. - with Traction Current off.
Operational limitations or Conditions:

1. The Track alignment gauge must be modified as described in attachment 2009010
2. The track alignment gauge must have an EC certificate and carry the CE mark.
2. All parts of the track alignment gauge must be clearly marked with the same unique identification number.
3. The track alignment gauge must be subjected to a routine maintenance regime and be tagged with a next service due date.
4. The track alignment gauge must have a valid calibration certificate which must specify the calibration tolerance.
5. The battery must be fully charged before the track alignment gauge is taken on site. The battery may be only be recharged at designated locations away from "The Track".
6. The track alignment gauge must be transported to site in its protective case.
7. Only trained and competent people may use the track alignment gauge.
8. The track alignment gauge should be coloured or marked in such a way to make it readily visible
9. A nominated person will be responsible for the gauge during the work shift.
10. The track alignment gauge must not be left unattended when on track.
11. The track alignment gauge must be suitable for its intended use.
12. A copy of this certificate must be made available to the operator on site.
13. A report on the test/trial of this track alignment gauge must be copied to Track Assessment – London Underground for the certificate to be extended after the trial.

Note. The optimum recording distance interval on the track alignment gauge is 0.5m. The minimum recording distance interval must not be set at less than 0.25m as the data captured below the 0.25m setting may be flawed.

Type of Approval: Limited Operational Approval - Specific Item of Plant
Weight: 20kg
Powered By: Battery
Documents to be read as part of this certificate:

1. Instruction manual
2. Calibration certificate

Period of certification: 31/07/2012
Certificate Number: Plant/8711_Rev.00

P.P.

Signed: _____ **Date:** 23/07/2009
A Smith Senior - Track Assessment Engineer