

**Manufacturer:**  
Hilti Ltd

**Issue :** 5  
**Valid From :** 06-02-2014

## HILTI TE6, TE7 and TE30 36 volt hand drills

### Product Description

TE6, TE7 and TE30 36 volt hand drills

TE6 and TE7 are existing Hilti drilling units to be replaced, through continued renewals by the improved TE30 version of original drills with improved battery life.

### Product Image



### Scope of Acceptance

#### Full Acceptance

The TE6, TE7 and the newest replacement TE30 are for the use in all drilling requirements.

Please refer to the limitations section for specific limitations for each unit.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Authorised by:

Roger Moore  
Senior Engineer (Asset Management & Railway Systems)

James Allenden  
Professional Head

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## Specific Conditions

*The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section.*

*Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.*

### Manufacturer

- 1) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).

### User

- 1) Equipment must only be used by authorised personnel in accordance with mandatory rules and regulations, equipment operating instructions, and the operators declared safe system of work for ALL operational circumstances on Network Rail infrastructure.
- 2) Equipment Operator(s) shall ensure that equipment is maintained in accordance with equipment manufacturers recommendations
- 3) Equipment Operator(s) shall ensure that all staff required to use the equipment are suitably trained.
- 4) **Limitation applies**  
"Touch Protection required for use **outside** of a possession"
- 5) **Limitation applies**  
"Drill bit working length not to exceed 129mm when working **outside** of a possession"
- 6) **Limitation applies**  
"Not to be used in LIVE third or fourth rail areas"
- 7) **Limitation applies TE6 Only**  
"An operator using this piece of equipment for a cumulative period of 47 minutes in any 24 hour period will receive a hand-arm vibration dose equivalent to the Exposure Action Value (EAV) of 2.5m/s<sup>2</sup>.  
An operator using this piece of equipment for a cumulative period of 3 hours 8 minutes in any 24 hour period will receive a hand-arm vibration dose equivalent to the Exposure Limit Value (ELV) of 5.0m/s<sup>2</sup>

Where the exposure of the operator is likely to reach or exceed the EAV, the employer is obligated to reduce the exposure to as low a level as is reasonably practicable by establishing and implementing a programme of organisational and technical measures which is appropriate to the use of the equipment.

Therefore, if this is to be used by an operator for 47 minutes or more, in any 24 hour period, or is to be used in combination with any other vibratory equipment, then the employer **MUST** introduce measures to limit its use"

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8) **Limitation applies TE7-A Li Only**

“An operator using this piece of equipment for a cumulative period of 25 minutes in any 24 hour period will receive a hand-arm vibration dose equivalent to the Exposure Action Value (EAV) of 2.5m/s<sup>2</sup>. An operator using this piece of equipment for a cumulative period of 1 hour 39 minutes in any 24 hour period will receive a hand-arm vibration dose equivalent to the Exposure Limit Value (ELV) of 5.0m/s<sup>2</sup>

Where the exposure of the operator is likely to reach or exceed the EAV, the employer is obligated to reduce the exposure to as low a level as is reasonably practicable by establishing and implementing a programme of organisational and technical measures which is appropriate to the use of the equipment.

Therefore, if this is to be used by an operator for 25 minutes or more, in any 24 hour period, or is to be used in combination with any other vibratory equipment, then the employer MUST introduce measures to limit its use”

9) **Limitation applies TE30-A Only**

“An operator using this piece of equipment for a cumulative period of 25 minutes in any 24 hour period will receive a hand-arm vibration dose equivalent to the Exposure Action Value (EAV) of 2.5m/s<sup>2</sup>. An operator using this piece of equipment for a cumulative period of 1 hour 39 minutes in any 24 hour period will receive a hand-arm vibration dose equivalent to the Exposure Limit Value (ELV) of 5.0m/s<sup>2</sup>

Where the exposure of the operator is likely to reach or exceed the EAV, the employer is obligated to reduce the exposure to as low a level as is reasonably practicable by establishing and implementing a programme of organisational and technical measures which is appropriate to the use of the equipment.

Therefore, if this is to be used by an operator for 25 minutes or more, in any 24 hour period, or is to be used in combination with any other vibratory equipment, then the employer MUST introduce measures to limit its use”

## Product Configuration

### System or Complete Assembly

Part No.	Description	Catalogue No.
<b>TE6-A Li 36 Volt Lithium Ion Battery Drill</b>		
3417177	TE6-A Li 36 Volt Lithium Ion Battery Drill Kit incl. drill, 2 batteries and charger in a case (superseded by 2005880).	094/004018 superseded
0422034	TE6A 36V Li-Ion battery drill kit (inc. TE6A Tool, 2No. <b>2.6Ah</b> batteries & 240V charger).	094/004031 superseded
2005880	Hilti TE-6-A36-AVR Lithium Ion battery drill kit. Inc. 2No. 3.0Ah batteries and 240v charger	094/004035
<b>TE7-A Li 36 Volt Lithium Ion Battery Drill</b>		
3421578	TE7-A Li 36 Volt Lithium Ion Battery Drill Kit incl. drill, 2 batteries and charger in a case (Superseded by 3421578)	094/004023 Superseded
3421578	TE7A 36v Li-Ion battery drill kit (inc. TE7A Tool, 2No. <b>3.9Ah</b> batteries & 240v charger).	094/004033
<b>TE30-A</b>		
2063289	TE30-A 36 volt Lithium Ion Battery Drill kit inc: Tool, 2No. 6.0Ah batteries, & <b>230v</b> charger supplied in a case 2 chisels & a TE-CX Multipack of drill bits.	094/004041
2063868	TE30-A 36 volt Lithium Ion Battery Drill kit inc: Tool, 2No. 6.0Ah batteries, & <b>110v</b> charger supplied in a case 2 chisels & a TE-CX Multipack of drill bits.	094/004042

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**Hardware (Maintenance Spares and Line Replaceable Units)**

Part No.	Description	Catalogue No.
<b>TE6-A Li 36 Volt Lithium Ion Battery Drill</b>		
228673	TE6-A drill and case only	094/004020 superseded
410704	Hilti TE-6-A36-AVR Li-Ion drill & case only	094/004036
272471	B36/2.4Ah battery (superseded by 272915).	094/004021 superseded
0272915	Spare 36V Li-Ion battery <b>2.6Ah</b>	094/004032 superseded
418009	Hilti B36/3.0Ah Li-Ion battery	094/004037
272444	C4/36-ACS Charger	094/004022
<b>TE7-A Li 36 Volt Lithium Ion Battery Drill</b>		
202923	TE7-A Li drill and case only	094/004024
274006	B36/3.3Ah battery (Superseded by 0401594)	094/004025 Superseded
0401594	Spare 36v Li-Ion battery <b>3.9Ah</b>	094/004034
272444	C4/36-ACS Cahrger	094/004022
<b>TE30-A</b>		
2029310	TE30-A Tool only supplied in a case.	094/004043
2018896	Additional 36 volt 6.0Ah battery	094/004044
2028876	Battery Charger - C4/36-350 (230v)	094/004045
2028877	Battery Charger - C4/36-350 (110v)	094/004046

## Assessed Documentation

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
----	Assessment against GM/RT1310 by Network Rail's RVE group in Derby		10.04.07	1
----	TE7A Operating Instructions		July 2006	1
----	TE7A Information Sheets		Undated	1
----	TE6A Operating Instructions		Undated	1
----	TE6-A36 Operating Instructions		Undated	3
----	TE30-A36 Operating Instructions		Undated	4
----	TE30-A36 Original Operating Instructions		Undated	4

## Manuals and Training Materials

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
----	TE30-A36 Operating Instructions		Undated	4
----	TE30-A36 Original Operating Instructions		Undated	4

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## Certificate History

Issue	Date	Issue History
1	04/09/2007	First Accepted for Use
2	30/09/2010	Re-issued to amend Product Configuration
3	10/05/2011	Re-issued to add TE-6-A36-AVR Lithium Ion battery drill kit which has replaced TE6A 36V Ti
4	27/01/2014	Re-issued to add TE30 drill
5	06/02/2014	Certificate amended to correct product name error.

## Contact Details

### Manufacturer

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## General Terms & Conditions

### 1) General

- 1) This certificate can only be amended by Network Rail Technology Introduction Group. Any alterations made by a different person will invalidate the entire certificate.
- 2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.
- 3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

### 2) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for the relevant certificate number.
- 2) Notify Network Rail Technology Introduction Group:
  - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
  - b. Of any intended change to the accepted product; changes include:
    - i. a change to the product configuration (to the actual product or its application);
    - ii. a variation to or addition of manufacturing locations or processes;
    - iii. a change in the name or ownership of the manufacturing company;
    - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Technology Introduction Group at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to the Network Rail Technology Introduction Group.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

### 3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 2) Check that the application of use complies with the relevant certificate's scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 4) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

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Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:

- a. All rail vehicle types that have access rights over the area affected by the change
- b. Infrastructure managed by others
- c. Neighbours.

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.
- 4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

**5) Supply Chain Arrangements**

- 1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.
- 2) Products may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.