



Translation

**EC TYPE-EXAMINATION CERTIFICATE**

- (1) **EC TYPE-EXAMINATION CERTIFICATE**
- (2) Equipment or Protective System intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) EC-Type Examination Certificate Number



**TÜV 98 ATEX 1349 X**

- (4) Equipment or Protective System: Manual radio-telephone type XP 500-Ex
- (5) Manufacturer: ECOM Rolf Nied GmbH
- (6) Address: D-97959 Assamstadt, Industriestr. 2

- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate.
- (8) The TÜV Hannover/Sachsen-Anhalt e.V., TÜV Certification Body N° 0032 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), certifies that this equipment or protective system has been found to comply with the Basic Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential report N° 98/PX21980.

- (9) Compliance with the Basic Health and Safety Requirements has been assured by compliance with:

**EN 50 014: 1997**

**EN 50 020: 1994**

- (10) If the sign "X" is placed after the certification number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-type examination certificate relates only to the design and construction of the specified equipment or protective system. Further requirements of this Directive apply to the manufacture and placing on the market of this equipment or protective system.
- (12) The marking of the equipment or protective system must include the following:

 **II 2 G EEx ia IIC T4**

TÜV Hannover/Sachsen-Anhalt e.V.  
TÜV CERT-Zertifizierungsstelle  
Am TÜV 1  
D-30519 Hannover

Hannover, 23.10.1998

Head of the  
Certification Body





(13) **SCHEDULE**

(14) **EC-TYPE EXAMINATION CERTIFICATE N° TÜV 98 ATEX 1349 X**

(15) Description of equipment or protective system

The manual radio-telephone type XP 500-Ex with a transmitting power of 10 mW may be operated within the explosion-hazardous area.

The admissible ambient temperature range amounts to -10°C to 40°C.

Electrical data

Supply (internal battery) U = 2,7 V; 580 mAh  
2 ea. nickel-hydride cells type VH 600 F6, Messrs. VARTA

earphone connection in type of protection "Intrinsic Safety" EEx ia IIC  
only for connection to earphone, type CMP 123

(16) Test documents are listed in the test report No.: 98/PX21980.

(17) Special conditions

1. Charging of the cells must only be effected outside of the explosion-hazardous area at the charging station type LG 21.

2. The battery change must only be effected outside of the explosion-hazardous area.

3. Only the modified battery pack of the manufacturer must be used.

(18) Basic Health and Safety Requirements

no additional ones