

Information needed to fill out CEPT ETS 300 330 application forms.

1. **Quality Assurance:** Yes
2. If yes, Certification/Accreditation Body(s): ANSI-RAB
Standard(s) (i.e. ISO 9001, EN45001, etc. ISO9001
3. **If the equipment has previously been type approved to any other ETS or I-ETS, please list.** NONE
4. **Choose Type of equipment:** Transceiver
 - ◆ Fixed Station,
 - ◆ Duplex.
 - ◆ Integral antenna
 - ◆ Transponder (Tag): ☐ Passive (EUT is a READER which reads PASSIVE TAGS).
5. **ITU Class of Emission Code (s):** 1K10P0N--
6. **Product Class:** CLASS 1
 - ◆ Class 1 Equip. Avg. area for the loop: 0.0023_m²
7. **Transmitter:**
 - ◆ **Method of frequency generation:** 4.0 MHz CERAMIC RESONATOR.
 - ◆ **Operating Frequency:** 0.125 MHz
 - ◆ **Frequency Alignment Range:** 0.119 MHz to 0.133 MHz.
 - ◆ **Channel switching frequency range:** single channel
 - ◆ **Channel separation:** na
 - ◆ **Max. Channels of Operation:** one
 - ◆ **Operates without modulation?** Yes
 - ◆ **Transmitter modulation:** none
 - ◆ **Maximum Rated Transmitter Output:** 6.0 dB(μA/m)
 - ◆ **Antenna:** multi-turn wire loop
8. **RF Software Version:** Beta 7
9. **RF Power: (tick appropriate box)**

Power at permanent external RF connector
Effective Radiated Power (ERP)
Effective Isotropic Radiated Power (EIRP)

Maximum measured power: _____ Watts

9. Is transmitter output power:

Fixed

If continuously variable or stepped:

Minimum Power _____ A/dB(μ A/m) Minimum Power _____ Watts

If stepped: Step size _____ dB/step

10. Is transmitter intended for continuous duty or intermittent duty?

CONTINUOUS DUTY (Unit automatically duty cycles transmitter 25 msec on, 100 msec off, repeating continuously, without operator intervention)

If intermittent:

♦ Tx ON _____ Tx OFF _____ sec

♦ Duty Cycle (Tx on / (Tx on + Tx off)) =

♦ Continuous operation possible for testing ? Yes or No

During Test: Tx ON _____ sec Tx OFF _____ sec

11. Signalling/Digital Transmission:

Is selective signalling and/or digital transmission fitted: No

If yes, is selective signalling and/or digital transmission analogue or digital.

If analogue, state format: _____

Tone frequencies: _____ Hz

If digital, state modulation method: _____

Bit Rate: _____ bit/sec

12. Transmitter Power Source:

♦ Common power source for transmitter and receiver: Yes.

♦ AC Power supply: No. State voltage _____ V. Single or Three phase.

♦ AC supply frequency _____ Hz.

♦ DC Power supply: Yes. State voltage: 12 V

♦ DC Maximum Current: .15 A

♦ Other: _____

Battery: Nickel Cadmium, Mercury, Alkaline, Lead Acid, Leclanche, Lithium or other _____, _____ Volts

13. Transmitter modulation: Amplitude, Frequency, Phase or other _____ NONE _____.

14. Transmitter Frequency or Phase modulation:

☐ for $\leq 12\%$ of the channel separation at _____ Hz

Amplitude Modulation:

☐ for 60% modulation depth

or declare the maximum modulation depth: _____ %.

15. **Modulation input signal level at:**
 ♦ Microphone socket _____mV Impedance _____ Ohms
 ♦ Accessory socket _____mV Impedance _____ Ohms
 ♦ *Other _____mV Impedance _____ Ohms
 *(For use where direct connection is provided for test purposes.)
 ♦ Lowest audio modulation frequency transmitted by the equipment: _____Hz
16. **Transmitter Modulation bit rate** _____bit/s.
Type of modulation:
 ♦ Subcarrier: MSK or FFSK.
 ♦ Direct: Direct FSK, GMSK, Generalized tamed FM or Multilevel.
State FM:
 ♦ PLL-4PSK or 8 PSK.
17. **Interface for data transmission:**
 ♦ Signal Level: V28 or other (details) _____.
 ♦ Definition of signals: V24 or other (details) _____.
18. **Can the EUT transmit continuous bit streams?**
 ♦ If NO, give details of the format _____.
19. **Type of connector:** 25 pin RS232, 9 pin RS232, Male, Female or other(details)_____.
20. **Receiver Technical Characteristics:**
 ♦ **Operating Frequency (frequencies) :** _____ 14 KH_____.
 ♦ **Receiver frequency alignment range:** _____ none_____.
 ♦ **Channel switching frequency range:** _____ none_____.
 ♦ **Channel separation:** _____ none_____.
 ♦ **Maximum number of channels:** _____ 1_____.
 ♦ **IF Bandwidth:** _____ no IF_____.
 ♦ **Sensitivity:** _____.
 ♦ **Antenna:** _____ common to transmit, multiturn wire loop_____.
21. **Class of emission used (Receiver):**
 ITU Designation 1:

								-			
--	--	--	--	--	--	--	--	---	--	--	--

 (if applicable) 2:

--	--	--	--	--	--	--	--	--	--	--	--
22. **Receiver Power Source:**
 ♦ AC Power supply: No. State voltage_____ V. Single or Three phase.
 ♦ AC supply frequency _____Hz.
 ♦ DC Power supply: Yes State voltage: _____ 12 _____ V
 ♦ DC Maximum Current: _____A
 ♦ Other:_____
Battery: Nickel Cadmium, Mercury, Alkaline, Lead Acid, Leclanche, Lithium or other _____, _____ Volts

23. **External power source:**

	Voltage	Pin assignment	Cable length
Power source 1	12	WIRE	UP TO 152 m
Power source 2			m
Power source 3			m
Ground		WIRE	UP TO 152 m

24. **If the equipment is designed to automatically switch off at a predetermined voltage level, please list cut-off voltage _____.**

25. **Duplex Operation:**

- ♦ Is equipment intended for duplex operation: Yes
- ♦ Is equipment fitted with separate transmitter and receiver ant. sockets: No.
- ♦ Is equipment fitted with a duplex filter as an integral part of the equipment with a single antenna connection socket: Yes or No.
- ♦ Is the duplex filter externally fitted and connected to the main equipment by co-axial cable(s) Yes or No. If Yes state type and make of duplex filter _____.

26. **Frequency Identification:**

Equipment ID (eg serial no.)	Channel No. (If applicable)	Transmit Nominal Frequency (MHz)	Receive Nominal Frequency (MHz)

27. **Integral Selective Calling:** _____

28. **Audio-frequency interface level at external data socket:**

29. **Antenna socket:** None.

30. **Data, control and signal ports:**

Port designation	Port number	Pin assignment	Cable length
WIEGAND IO		WIRES	UP TO 152 m
LOCAL IO & Control		WIRES	UP TO 6 m
			m

			m
--	--	--	---