



**USAG
ITALY**

Energy Certification (APE)



**USAG Italy Housing Office
Directorate of Public Works,
Housing Division**



UNITED STATES ARMY – Garrison Italy
Department Of Public Works
Housing Office



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What is APE?

APE is a document that provides **the energy performance of buildings** with a scale ranging from **A4** (highest value) to **G** (lowest value).

The APE does not certify the building's energy consumption. It assesses its energy emissions by comparing it with other structures of equal characteristics.

APE is an official document, mandatory for leases. The Housing office verifies the authenticity of the APE on the Official centralized regional archive in compliance with the Host nation's laws.

How is it drawn up?

Some of the evaluated parameters:

- Materials used to build the house.
- Insulating properties of windows and doors
- Geometric characteristics of the building (pointing north/south/east/west)
- Production of hot water (gas/electric)
- Cooling and heating of the premises (gas/electric/wood/pellets)
- Renewable energy production systems.

Based on the calculations of the above data, certifiers release the **energy certification label** that summarizes the **energy characteristics of the property**.

Myths/ Common Misconceptions

- If my house is an A+, my energy and gas bills will be low: False.

(The money you will pay for your utilities is directly proportional to the electricity/gas you will use. An A+ house will use less energy to warm, than the same house in class G)

- If my house is a G, my bills will be very high: False.

(Again, your bills will reflect the amount of electricity/gas used).

APE SAMPLES

