

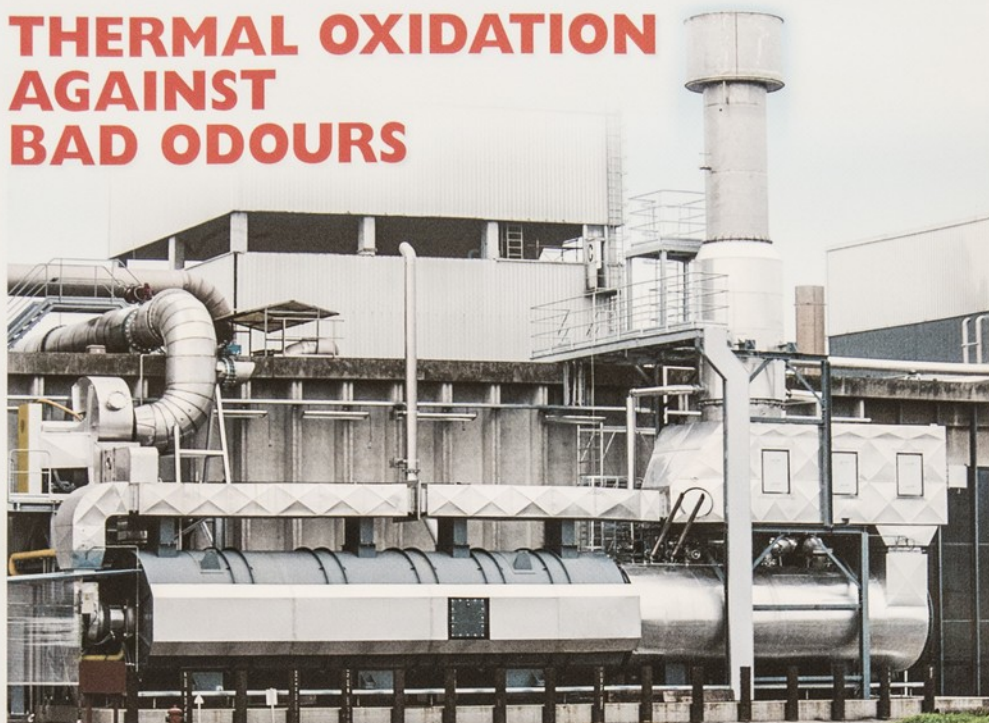


Babcock Wanson

Italiana

Groupe **ENIM**

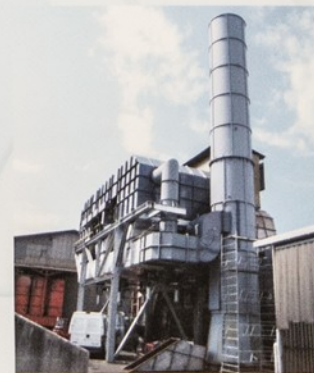
THERMAL OXIDATION AGAINST BAD ODOURS



Considering the different existing technology, **Babcock Wanson Italiana** chooses thermal oxidation as the preferred technology to eliminate the bad odours compounds, basically reducing them into water and carbon oxide

THERMAL OXIDATION is considered:

- **The Best Available Technology** for odour removal with an efficiency of over 95% even up to 99%, granting:
 - High temperature in combustion chamber (even over 950° C)
 - Optimal turbulence
 - Residence time > 1"
- **The Most widely used technology (400 BWI installations in any industrial field):**
 - Rendering industry
 - Leather tanning
 - Food industry, frying and snack food production (mainly potatoes, vegetables and roasting)
 - Coating industry (flexible packaging, plastic varnishing, metal and wood finishing)
 - Rubber production
 - Pharmaceutical, chemical production
- **Taylor made design of the plants, meeting the customer's needs, such as:**
 - Energy recovery (steam, thermal oil, hot water, hot air)
 - Long life of the plant (long term investments)
 - Flexibility
- **Employ of waste effluents as alternative fuels in our special burner, such as:**
 - Animal tallow
 - Syngas



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