

COOLING TOWERS REVAMPING

BENEFITS

- Energy cost **savings**.
- Reduction of **maintenance costs**.
- Attenuation of **sound emissions**.



FOUR STEPS FOR SYSTEM UPDATE



- 1 Assessing the existing cooling tower **thermal performance** against the original design.
- 2 We model the **response of the process** to changes in operating temperature.
- 3 Evaluation of possible **repair and update** scenarios to develop an optimized solution.
- 4 Potential **savings** calculation.



Cooling **equipment** have a long service life, but if they are not updated, they can **generate costly maintenance and noise emissions**.

We identify and analyze technical **options to update the cooling tower**:

- **Replacement / repair of internal elements**, such as filler, drift eliminator, distribution system, etc.
- **Replacement / repair of mechanical equipment**, improving efficiency performance, noise, maintenance, etc.
- **Cooling tower redesign** to customize to new working conditions.
- General **repair** of structure and enclosures.

WHY TORRAVAL?

Because we are specialized in making reforms, have **more than 50 years** of experience providing this service and we are able to offer the **best option**.

Our goal is to adapt cooling towers to current working conditions, always looking for **the best performance with the highest efficiency**.

We have an engineering department **specialized in the design and cooling towers manufacture** as well as in renovation and improvement of existing towers.



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cooling

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