



KEE CASE STUDY

“Fullgas are delighted that the installation of KEE’s NuDisc® RBC was completed on Monday without a single glitch. All the components fitted into place perfectly and we thank KEE for their expertise, attention to detail and commitment to the successful completion of this project.” Pablo Cepeda, Fullgas.

KEE design and manufacture extended NuDisc® 2000 RBC Installation for Spanish Village.

Background

Fullgas offer environmental services in Spain and have been working with KEE for 25 years.

In September, Fullgas commissioned KEE to design and manufacture an extended NuDisc® 2000 Rotating Biological Contactor (RBC) for a wastewater treatment plant being built to service the small village of Beizama in Guipuzcoa, Basque Country.

The Challenge

The plant was to be designed to treat the waste flow from 230 people and cleanse the wastewater to the required consent for safe discharge into a reservoir.

Attention to detail and dimensional accuracy was critical in order to design and manufacture component parts which would fit perfectly into a solid, inflexible concrete structure erected independently on site.



KEE NuDisc® 2000 Rotating Biological Contactor (RBC) built to service the small village of Beizama in Guipuzcoa, Basque Country.



The Solution

KEE supplied Fullgas with a 3D dimensional design for the concrete tank housing and detailed plant drawings to ensure the wastewater treatment system would meet environmental consent and process specifications. The process design was undertaken by the Basque Authorities.

The KEE 2000 NuDisc[®] RBC incorporated:

- A special extended Rotor to accommodate additional 'media' required to meet Environmental wastewater consent requirements
- KEE's patented technology in Managed Flow and Substrate Balancing, enabling the NuDisc[®] to maintain process performance at peak times throughout the day.

NuDisc[®] 2000
Rotating Biological
Contactor (RBC).



For more information
on KEE's latest
NuDisc[®] RBC, please
visit our website or call
KEE Process on:

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The RBC was manufactured and transported to Spain by KEE, to be installed on time and on budget by Fullgas on the 14th November.



Specialists in Domestic & Industrial Wastewater Treatment

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