

G. N. F. COMBINED CYCLE POWER PLANT - 2

ACTIVITY:

ANTICORROSIVE SYSTEM

LOCATION:

Combined cycle power plant of
Aceca – Toledo – Spain

FINALIZATION: April 2013

CONTEXT:

Mechanical parts, absorption pumps
and interior piping with corrosion
problems and deterioration of old
coatings.

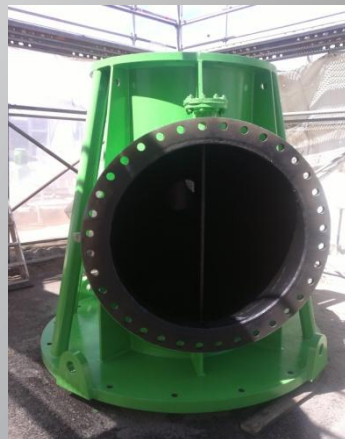
DESCRIPTION:

Treatment to repair surface damage
and protection against corrosion,
both inside and outside, with
specific technology for interior areas
of difficult access: pipes and metallic
absorption pumps.

Working area: perimeter established
by the plant in their facilities.

Activities:

1º. Technical information and
advice: Study, evaluation and
assessment of the initial state of the
surface to repair and protect. Advice
on recommended systems.



Continued...

G. N. F. COMBINED CYCLE POWER PLANT - 2

2º. Planning actions:

Evaluation of the temporal situation and downtime for planning and execution of activities and implementation of systems in the most efficient way in the shortest time possible.

3º. Previous preparation of surfaces:

Removing old coatings by mechanical processes (abrasive blasting).

4º. Surfaces repairing:

Reparation and restoration of metal surfaces that had losses section using ceramic and metallic systems.

5º. Implementation of long lasting anti-corrosion systems.

Protection of the surfaces of mechanical parts, absorption pumps and pipings interior by advanced coatings systems, giving facilities or/and parts an anticorrosion protection of long duration.

