

<b>Client:</b> <i>Scottish Power</i>	<b>Industry:</b> <i>Power Generation</i>
<b>Scope:</b> <i>Spiral Casing</i>	<b>Date:</b> <i>November 2002</i>
<b>Location:</b> <i>UK</i>	<b>Products:</b> <i>Epo-chem™ RA 564 &amp; Ceram-chem™ RH 500 &amp; RP 500</i>

## Overview

The 35 year old spiral casing required to be completely refurbished without any disruption to all other contractors working in this very busy area. It also had to be carried out in a very tight timescale and in cold and very damp conditions during the stations shutdown.

## Challenge

Working within a very tight timescale, severe pitting and corrosion, extremely high humidity, confined space, water ingress and other contractors working adjacent to the spiral refurbishment added to the difficulty of the project.

## Solution

First coat of **Epo-chem™ RA 564 solvent-free** glass-flake epoxy @ 250µ by airless spray and brush. All severe areas of pitting were filled with **Ceram-chem™ RH 500 solvent-free**, high density epoxy putty. Second coat of **Ceram-chem™ RP 500 solvent-free**, ceramic epoxy system @ 200µ by airless spray and brush.

## Outcome

The major technical benefits offered by utilizing this complete system assured the client that the work was carried out on time, within budget, with no major delays to the program and no impact on other contractors working in close proximity.

## Benefits

- Solvent-free
- No major delays to program
- Reduced H&S and Fire Precaution
- Reduced cost of plant and equipment
- Guaranteed long-term corrosion, abrasion and erosion protection

Continued overleaf



### Photographs:

- Nos. 1-3 Spiral Casing After Application

4



5



6



Photographs:

- Nos. 4-6 Spiral Casing Before Application

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