

Customer:
Zinc Powder manufacturer: Europe

Objective:

- Reduce energy consumption
- Increase productivity

Furnace:
Gas Fired

Productivity:
Productivity increased,
Zinc Vaporization rate by +55%

Gas usage:
Reduced by 34%

Shelf life:
Crucible Life increased by 25%

Requirements:

- Better heat transfer through crucible body

Problems:

- High energy costs and low production rate

Improvements:

- Reduced energy usage
- Improved productivity
- Longer crucible life

FOSECO PRODUCTS

- + ENERTEK* ZnO BP-Crucible

KEY BENEFITS

- + Higher productivity
- + Lower energy consumption
- + Reduced manufacturing costs
- + Fewer crucible changes

ENVIRONMENTAL BENEFITS

- + CO₂ emission reduction*: 34%



CRUCIBLES – ZINC OXIDE



*The metal is melted in a gas furnace, this results in an energy saving 34% generating 34% less CO₂-emission). COMMENT: Editorial policy is to highlight the latest Foseco products and technical developments. However, because of their newness, some developments may not be immediately available in your area. Your local sales organisation will be pleased to advise. No part of this publication may be reproduced, stored in a retrieval system of any nature or transmitted in any form or by any means, including photocopying and recording, without the written permission of the copyright holder. © Foseco International Ltd., 2017, *ENERTEK is a trade mark of the Vesuvius Group, registered in certain countries, used under licence.