

DETAILS OF INTERESTING CLAIM

No: DOIC 46

Type of Insurance:

M

Description of damaged item:

Lime Kiln Cracking

Cause of Loss:

(1) Faulty operation

Claim Cost:

1,5 €Mio

Description of Incident and Loss Prevention Measures initiated:

Failure had take place first on the brick lining. This had been diagnosed using on-line thermograph (like in the picture to the eft, although it is not the same failure as the picture below). After relining and starting up, the riding ring got stuck due to an unnoticed dent in the casing. The lining fell down due to overheating of the oven. The overheating caused a dent. When the riding ring is not properly riding and carrying the load on most of the connecting surface, it will start cracking.

Outline the interesting or unusual aspects of this claim or problems experienced during settlement:

Replacement of a 6 m long casing part with the reinforced part for the riding ring. The part with the riding ring on was welded to the casing. The replacement could be made after postponing the change to the scheduled summer production stop by intensively testing the ring at all production stops using ultrasonic and magnetic particle testing.

