

DETAILS OF INTERESTING CLAIM

No.: DOIC 11

Type of Insurance:

CAR

Description of Damaged item:

Collapse of right arch of cut-and-cover tunnel, forming part of by-pass road.

Cause of Loss:

(1) - Unbalanced and insufficiently co-ordinated filling works of completed tunnel arches.

Claim Cost (100%):

(net of deductible)

EUR 14.1 Mio

Description of Incident and Loss Prevention Measures initiated:

Unbalanced filling works between tunnel arches was exceeding allowed margin of error according to project specification and were in excess of designed load capacity of the arch resulting in partial collapse of tunnel arch.

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

The refill material used came from excavation works and did not undergo a selection process considering their reduced compaction characteristic.

Insufficient information and poor communication culture from project management.

Change of engineer during filling works.

Specifications for filling operations did not stipulate compaction requirements explaining why no controls were carried out.

CODES

1. Type of Insurance

M Machinery Breakdown

BE Boiler Explosion

LP(M) M Loss of Profits

ALOP (DSU) Advance Loss of Profits

EAR Erection All Risks

CAR Contractors All Risk (Civil)

G Guarantee

EE Electronic Equipment

O Other Classes

1. Cause of Loss

1. Faulty Operation
2. Faulty Material or Workmanship
3. Faulty Design
4. Other Internal Causes
5. Fire
6. Explosion
7. Storm
8. Earthquake
9. Other External Causes
10. Other Causes or Unknown