

Ass # 0273

Bull # 292

State # 003



MINISTER FOR THE ENVIRONMENT

GROUND FLOOR, 20 BARRACK STREET,
PERTH, W.A. 6000

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED (PURSUANT TO THE
PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986)

PROPOSED BRICK AND TILE WORKS - MALAGA

IBT HOLDINGS LTD

This proposal may be implemented subject to the following conditions:

1. The proponent fulfilling the commitments given in the Notice of Intent and the addendum Notice of Intent for the proposal.
2. The fluoride mass emission rate shall never exceed 1 gram per second from the whole plant.
3. All gaseous process emissions shall be vented to the atmosphere through a stack with a minimum height of 35 metres.
4. The proponent shall periodically monitor the gaseous emissions from the plant and report to the Environmental Protection Authority on commencement of operations and thereafter upon the request of the Environmental Protection Authority.
5. The monitoring programme shall include details of sampling the gaseous emissions before and after scrubbing.
6. The monitoring programme shall be submitted to the Environmental Protection Authority for approval prior to commencement of operations.
7. If the proponent is unable to meet the above conditions, or the operations of the plant are having a detrimental impact on the surrounding area, the Environmental Protection Authority shall require, as a condition of licence, that the proponent modify its operation so that gaseous emissions are reduced to a level acceptable to the Environmental Protection Authority.

[Signature box]

BARRY HODGE MLA
MINISTER FOR ENVIRONMENT
1 September 1987

COMMITMENTS MADE BY THE PROPONENT IN THE NOTICE OF INTENT AND
ADDENDUM NOTICE OF INTENT FOR THE PROPOSED TILE REFRACTORY
AND BRICK MANUFACTURING PLANT, MALAGA. IBT PTY LTD

- . The roads and stock yard will be sealed and will be washed and vacuumed at regular intervals. They will be washed daily.
- . Under quality or damaged products will be recycled through the project.
- . The exhaust stack will be fitted with an oxygen meter.
- . There will be a minimum 10 m buffer area adjoining major roads and land use interfaces.
- . All the industrial traffic will enter and leave the site via Beach Road.
- . Discharge from the mould washing process will be directed into a series of settlement tanks and filtered through baffles for recycling.

Management of fluoride emissions:

- . The scrubber will incorporate a LUHR filter as installed at Penta Klinker.
- . All exhausts will pass through the scrubber.
- . The kiln exhaust stack will be 35 m above ground level.
- . The average fluoride concentration at 600 m from the plant stack will be less than $0.03\mu\text{g}/\text{m}^3$.

The environmental impact of noise will be managed by the following measures:

- . An electric clay excavator will operate inside the building.
- . The unloading of raw materials will take place within a building. Entry to and exit from this building by the trucks carrying the materials will be through openings protected by permanent curtains of 150 mm wide strips of discarded conveyor belting. Each curtain will consist of a double layer of belting, to give the maximum attenuation of noise from within the building.
- . The crusher will be contained within the building in which the raw materials are off-loaded, and will, therefore, be shielded. In addition, the crusher will:
 - be set in a concrete pit, below the tipping level of the trucks;
 - operate by a slow and controlled knife action, rather than by an impact or hammer action.