

**QUESTIONNAIRE**  
**FOR CLAY PRODUCTS (BRICKS, ROOFING TILES, PIPES)**

**1.0 Adresse**

Name of the company: \_\_\_\_\_

Name of the person(s) in charge: \_\_\_\_\_

\_\_\_\_\_

Complete address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contact Information:

Telefon \_\_\_\_\_

Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

**2.0 Location and local conditions of the envisaged plant**

a) Country: \_\_\_\_\_

b) Province/State: \_\_\_\_\_

c) City: \_\_\_\_\_

d) Altitude (m) above sea level: \_\_\_\_\_

e) Climate (temperature etc.): \_\_\_\_\_

f) Outdoor temp. (shade) min./max.: \_\_\_\_\_

### 3.0 Which products do you intend to manufacture?

(Indicate dimensions length x width x thickness in mms, weight per brick in kgs, perforation. Use the attached type chart and percentage related to 100% of production per year).

1	_____
	% _____
2	_____
	% _____
3	_____
	% _____
4	_____
	% _____
5	_____
	% _____

### 4.0 What is the intended output in pcs. of each product per year

1	_____
2	_____
3	_____
4	_____
5	_____

### 5.0 Working time

Shifts per day: \_\_\_\_\_

Hours per shift: \_\_\_\_\_

Days per week: \_\_\_\_\_

Weeks per year: \_\_\_\_\_

## 6.0 Raw material

- a) How many different materials do you intend to use? \_\_\_\_\_
- b) Do you have the analysis of the different clays? \_\_\_\_\_
- c) Have you already working experience with the available raw material? \_\_\_\_\_
- d) What is the max lump size of raw material? (in mm) \_\_\_\_\_

In order to elaborate a proposal it is of utmost importance to know the characteristics of the raw material available and its behaviour in grinding and especially in drying and firing. On your demand we are ready to have your raw material analyzed at cost. For a preliminary test we need approx. 5-8 kgs material of each type.

## 7.0 Power

### Electric power

- a) Operating voltage between the phases \_\_\_\_\_ Volt
- b) Frequency \_\_\_\_\_

### Fuel available

indicate calorific value in : kj/kg or kj/nm<sup>3</sup> of

- a) Coal: \_\_\_\_\_
- b) Black oil: \_\_\_\_\_
- c) Light oil: \_\_\_\_\_
- d) Gas (type of gas, i.e. natural gas, butane, propane etc.): \_\_\_\_\_

## 8.0 Building site information

- a) What are the dimensions of the area for the envisaged plant? \_\_\_\_\_  
(please enclose sketch with dimensions)

## 9.0 Requirements regarding plant lay-out

- a) Fully automatic \_\_\_\_\_
- b) Semi-automatic \_\_\_\_\_
- c) Manual (where possible) \_\_\_\_\_