PROCESS OF MANUFACTURE

1. **Introduction:**

Useful phrases:

- *The production of... /*
- *The process of producing/making...*
- *..is produced/made*
- *How to produce/make...*

Full introduction:

The given diagram expresses different stages in the production of _____ for the _____ industries.

2. **Overview:**

Useful structure

- *There are ..... main steps/ stages in ...*
- *The ..... involves ... main steps/ stages beginning/starting with ... and finishing with ...*

In general, _____ production **involves** _____ **steps**, starting from the _____ stages and ending at the _____ stage.

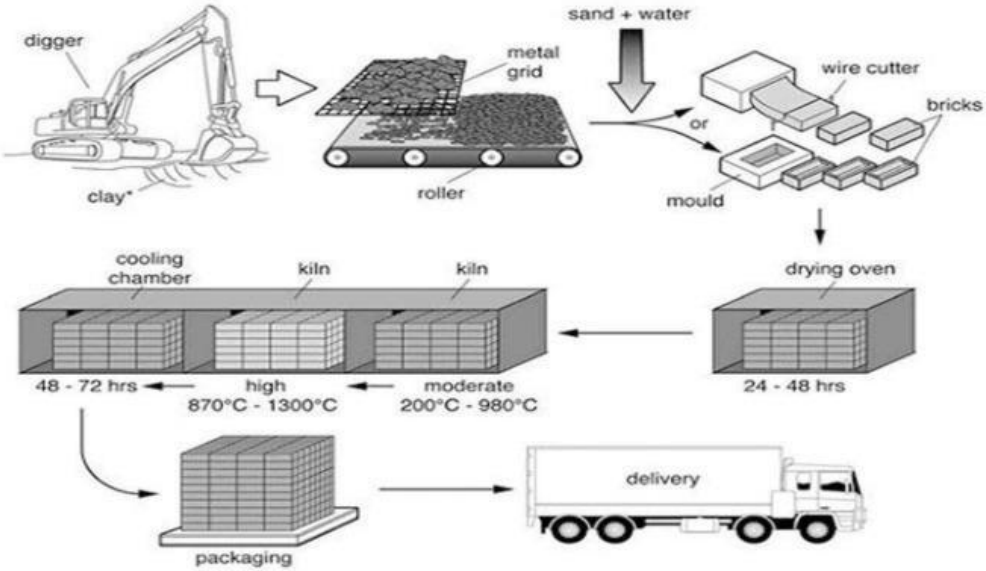
Overall, there are _____ **stages in the process,** beginning with the _____ and ending with the _____.

3. **Body:**

Useful structure:

- *The first/second/last... step involves ... // The first/second/final step is ..., which involves...*
- *At the same time, / Simultaneously,*
- *To begin with, /First of all, // Subsequently, ... / Afterwards, ... / Next, ... / Then, ...// Finally, ... / Eventually, ...*
- **As can be seen, the first step of ...**
- **... once again, thereby continuing the process.**
- **... and then, the process begins again.**
- **To reiterate the process,** ...
- **The process begins a new, creating a closed-loop cycle of ...**

The diagram illustrates the process that is used to manufacture bricks for the building industry.
Summarise the information by selecting and reporting the main features and make comparisons where relevant.



LIVEWORKSHEETS

added to	**assists**	**break up**	**culminating**	**delivered**	**digging up**
followed	**heated**	**placed onto**	**positioned**	**subsequent**	**turned into**

The diagram explains the way in which bricks are made for the building industry.
Overall, there are seven stages in the process, *beginning with* the (1)_____ of clay and (2)_____ in delivery.
To begin with, the clay used to make the bricks is dug up from the ground by a large digger. This clay *is then* (3)_____ a metal grid, which is used to (4)_____ the clay into smaller pieces. A roller (5)_____ *in this process. Following this,* sand and water are (6)_____ the clay, *and* this mixture is (7)_____ bricks by either placing it into a mould or using a wire cutter. *Next,* these bricks are (8)_____ in an oven to dry for 24 – 48 hours.
In the (9)_____ stage, the bricks go through a heating and cooling process. They are (10)_____ in a kiln at a moderate *and then* a high temperature (ranging from 200c to 1300c), (11)_____ by a cooling process in a chamber for 2 – 3 days. *Finally,* the bricks are packed and (12)_____ to their destinations.
(173 words)

cooled	**delivering**	**laid**	**metal grid**	**moderate**
preparation	**resulting**	**small chunks**	**transported**	**well-shaped**

The diagram illustrates the process of making bricks for building purposes.
Overall, there are seven main steps in the process of brick manufacturing, *beginning with the* (1)_____ of clay *and ending at the* (2)_____ *stage.*
In the first stage of the process, clay is first dug out of the ground. This clay is *then* placed onto a (3)_____ and put through a roller which breaks it into (4)_____. *After that,* the clay is mixed with sand and water, *and the* (5)_____ *mixture* is *either* put in a mould *or* cut by a wire cutter to make (6)_____ bricks.
In the fourth stage of the process, the bricks are (7)_____ in a drying oven for one or two days. The dried bricks are *then* heated in a kiln, first at a (8)_____ temperature (200 to 980 degrees), *then* at a high temperature up to 1300 degrees. *Following this,* the bricks are (9)_____ for two or three days *before* being packaged and (10)_____ by a truck to different places.
(169 words)

filter out	**interlinked**	**kilns**	**moisture**
packaging	**shapes**	**step-by-step**	**wire cutter**

The diagram gives insights into the (1)_____ *procedure* of brick manufacture for construction purposes.
Overall, the process consists of seven main steps, all of which are so (2)_____ with each other that any lapses in one can ruin the quality of the final product.
To begin with, the process starts with digging of clay by a large digger. The clay dug from the earth is passed over to a metal grid and over a roller, to (3)_____ the fine material from the raw. *Then,* it is mixed with sand and water *before* passing through the molding machine, which (4)_____ it into the structure of bricks. Each brick is separated from others, coming out of the mold with the help of a (5)_____.
Following this, the bricks are collectively kept in a drying oven for 24 to 48 hours to take out any extra (6)_____. *After* being dried, the bricks are kept into two different (7)_____ of different temperature ranges, from 200 degrees to 1300 degrees centigrade. *Afterwards,* the bricks are allowed to cool down for 48 to 72 hours *before* being sent for (8)_____ and further for delivery to required sites.
(191 words)

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