

ASTRAL MATERIAL INDUSTRIAL COMPANY LIMITED

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INFORMATION REQUIRED FOR THE MILL-LINING CALCULATION

- 1 Mill diameter inside the metal cylinder : _____ mm
2 Mill Length inside the metal cylinder : _____ mm
3 Opening Number and size : __ Nos / Feeding _____ mm
: __ Nos / Unloading _____ mm
4 Ventilation Opening diameter : Available Not Available

INTERMITTENT WET GRINDING

- 1 Mill Diameter inside it's lining : _____
2 Mill length inside it's lining : _____
3 Type and thickness of present mill-lining : _____ mm
4 Mill rotation speed : _____ rpm
5 Motor Power installed : _____ Kw
6 Present motor absorption : _____ Kw
7 Type of product to be ground : Floor Tiles Wall Tile Tableware
 Single Firing Double Firing Other:
8 Body raw materials : Dolomite , Ball Clay
(Kaolin,clay ,Feldspar ,Quartz) Feldspar , Celica
9 Intial lump or particle size of raw hard materials : Less Than _____ mm / micron
10 Hard materials of body : ____ % Plastic materials of body : ____ %
11 Average humidity of hard materials ____ % average humidity of plastic materials : ____ %
12 Average specifi weight of dry materials : Feld spar ____ / Dolomite ____ / Silica
13 Weight of materials charged at the present : _____ Kg
14 Quantity and type of fluidifying : Water or
15 Weight and type of fluidifying : _____ Seconds
16 Specific weight of slurry : _____ gr/cm3 or _____ kg /Lt
17 Viscosity of slurry : cpoise Or minute according to Ford cup n.4 24 - 28
18 % of Final particle size : _____ mesh /cm2 _____ %
: _____ mesh /cm2 _____ %
19 Type of gring media used at the present : _____ % alumina balls
20 The beginning ball charge was composed by : __ Kg. Size in __ mm
_____ Kg of Size in _____ mm
_____ Kg of Size in _____ mm
_____ Kg of Size in _____ mm
_____ Kg of Size in _____ mm
21 Size of grinding media used to restore the level ball charge : _____ mm
22 Comsumption of gringing media used at the present : Size: _____ mm of _____ Kg per batch
Size _____ mm Of _____ Kg per batch
Size _____ mm Of _____ Kg per batch
23 present gring time : __ Hours
24 Total of beginning ball charge : Kg

Customer Company Name: _____.

Signature:

Date:

