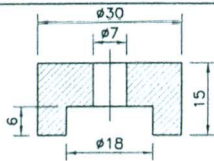


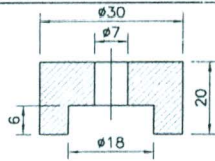
ITEM-1

MATERIAL - CERAMIC
QTY.-47 NOS.



ITEM-2

MATERIAL - CERAMIC
QTY.-4 NOS.



ITEM-3

MATERIAL - CERAMIC
QTY.-4 NOS.

NOTE :-
HEATER COIL DIA. 12 mm
RATING - 14 AMP COIL
VOLT - 230 V AC
NICHROME WIRE - 80% NICKEL & 20% CHROMIUM
BOARD SIZE - 500 mm x 700 mm

NOTE :-
ALL NUTS, BOLTS, WASHERS SHALL BE MADE SS-316L
MOC OF BOARD - COMPRESSED PAD OF CERAMIC FIBRE



URANIUM CORPORATION OF INDIA LTD. TURAMDHI MINES
(A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN. Rajesh 16.02.16

CHECKED J Roy

APPROVED G.Dhar

SCALE

DIMENSIONS IN MM

TITLE

HEATING ELEMENT FOR ROTARY KILN

DRG.NO.- MILL/TMD/ELEC.- 104

REV.- 0

Specification of Spare Heating Element for Rotary Kiln

The heating element shall consist of Heater coil suitably mounted upon Compressed Ceramic Fibre Board with ceramic insulators as shown in our attached Drawing no.: MILL/TMD/ELECT-104. The specification of the Compressed Ceramic Fibre Board and Heating Element is given below:

Specification of Compressed Ceramic Fibre Board:

The Ceramic board shall be made up of compressed pad of Ceramic fibre to be used for heat insulation of metallic surface of temperature 650 – 700 degrees Celsius operating temperature.

Size: 700 x 500 mm x 25 mm (Length X Breadth x Depth)

Maximum Service temperature: 1260 degrees Celsius

Density: 260 – 320 kg/m³

Color: White

Compression Strength: Not less than 0.5 Mpa

Specification of Heating Coil Element:

Power: 3500 Watt

Heater Coil Dia.: 12 mm

Volt: 230 VAC, 50 Hz.

Nichrome Wire: 80 % Nickel & 20% Chromium

Brand: KANTHAL / MIDHANI

Heater Coil Element Gauge: 16 - 18 SWG (1.2 mm thick)

