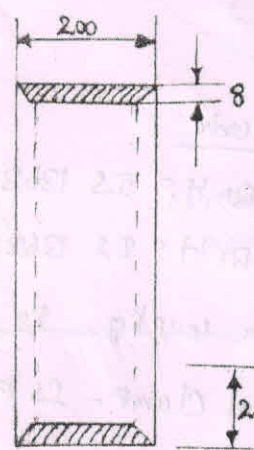
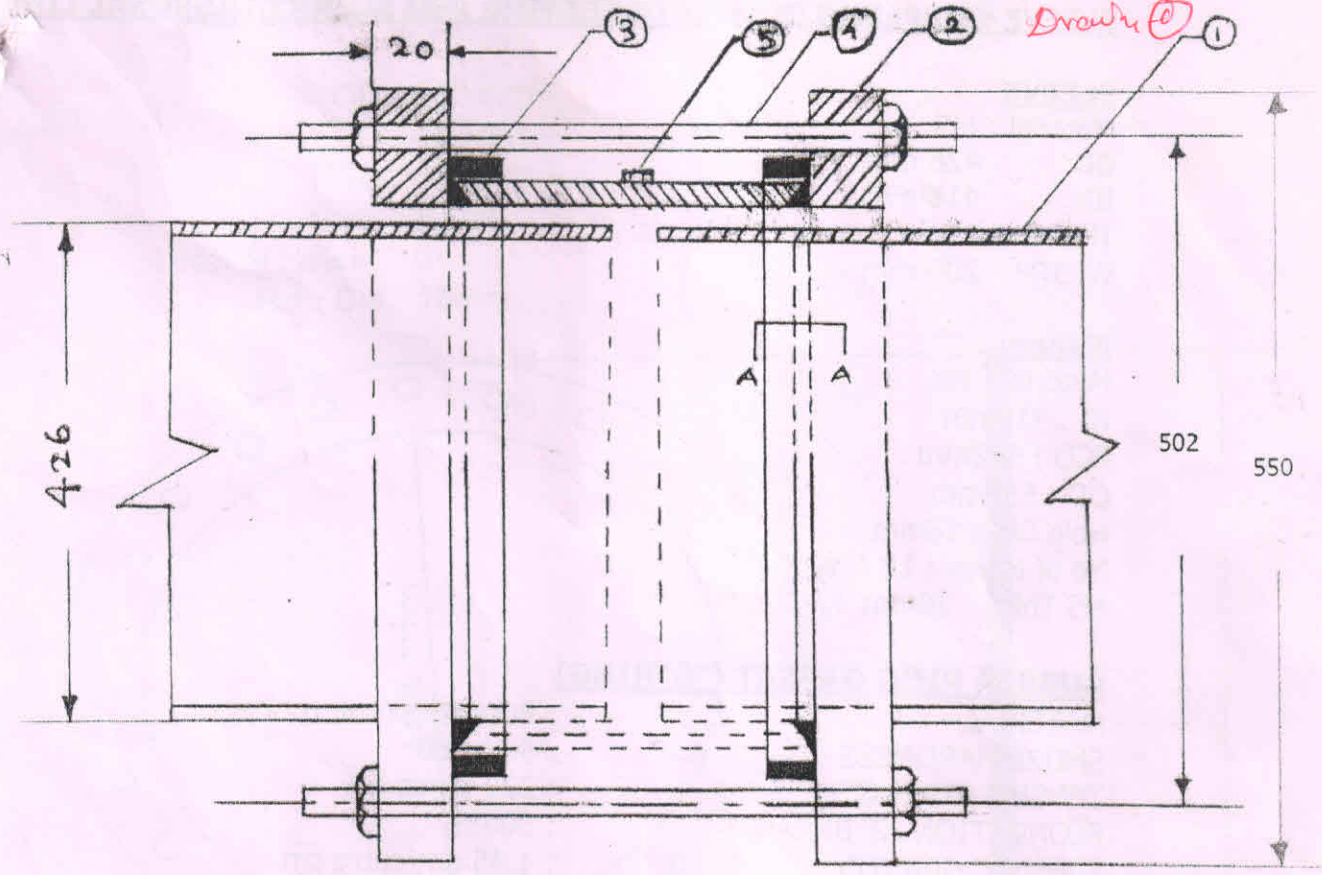


Sl. No - ①

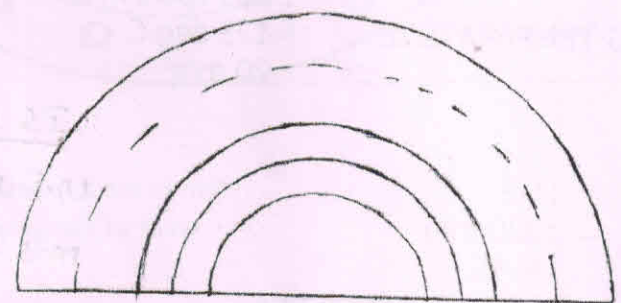
ANNEXURE - I TECHNICAL SPECIFICATIONS

SLEEVE COUPLING COMPLETE SET FOR ASDL OD-406mm

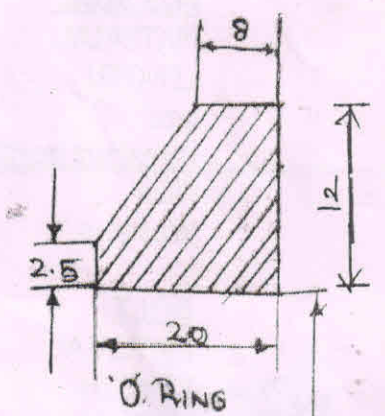
CE-44/22-23
Drawn by ①



M.S. SLEEVE

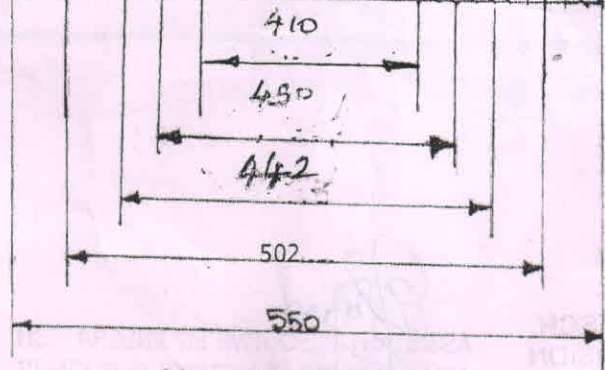


M.S. FLANGE



O-RING

- (1) Cast Basalt Pipe
- (2) MS End Flange
- (3) Flange deflector
- (4) MS Stud
- (5) Bolt



396 ID

Sl No- ①

TECHNICAL SPECIFICATIONS

SLEEVE COUPLING COMPLETE SET FOR ASH SLURRY DISPOSAL LINE

SLEEVE

Material : MS
OD: 426 mm
ID: 410 mm
THICK: 8 mm
WIDTH: 200 mm

Flange:

Material : MS
ID : 410mm
PCD : 502mm
OD : 550mm
Hole Dia : 18mm
No.of Holes : 18 Nos
MS Thick : 20mm +/- 2mm

RUBBER RING GASKET ("O"RING)

MATERIAL	: Pure neoprene rubber
SHORE HARDNESS	: 50 to 60
TENSILE STRENGTH	: 220 kg/sq.cm
ELONGATION AT BREAK	: 300%
SPECIFIC GRAVITY	: 1.45 gm/cubic cm
ABRASION	: 325 cubic mm
WITHSTANDING TEMPERATURE	: 175 deg C
THICKNESS	: 20 mm

M.S Stud

MATERIAL	: MS
LENGTH	: 320 mm
size	: M 16
threaded portions :	40 mm on each side
Nuts	Hexagonal head 2 nos
Washers	: 2mm thick 2 nos

BOLT

MATERIAL	: MS
LENGTH	: 30 mm
size	: M 12

IS code:

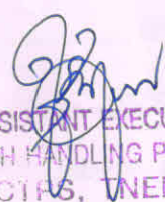
U.I Bolt : IS 1363

M.S Bolt : IS 1363/2002

Sleeve coupling - IS 2062

Channel Clamp - IS 1730/1989


EXECUTIVE ENGINEER/MECH.
ASH HANDLING PLANT DIVISION
NCTPS, TNEB, CHENNAI-120


ASSISTANT EXECUTIVE ENGINEER/MECH
ASH HANDLING PLANT SUB DIVISION-III
NCTPS, TNEB, CHENNAI-120


JE/M/AHP

Measurement of M.S. End Gaskets:-

SL No - (5)

Drawing (2)

OD : 550 mm

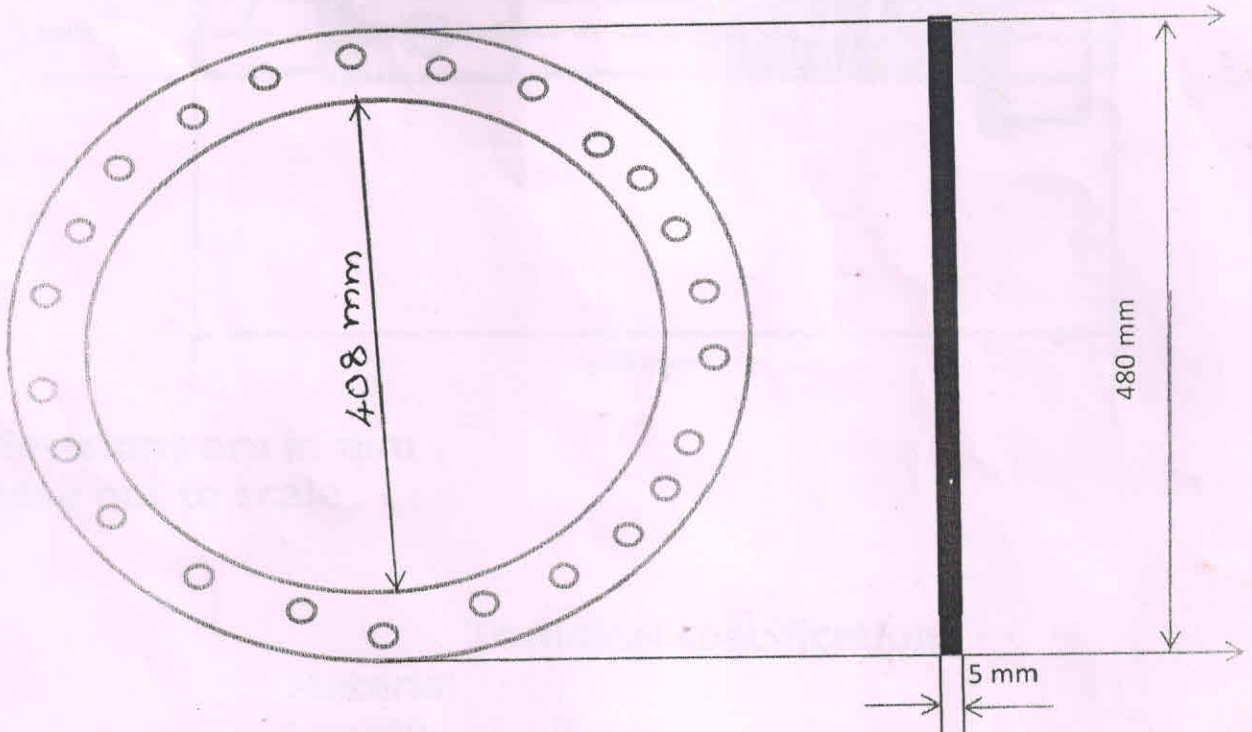
ID : 408 mm

PCD : 480 mm

Thick : 5 mm

No. of Holes : 24

Hole Dia : 18mm



All dimensions are in mm
Drawing not to scale

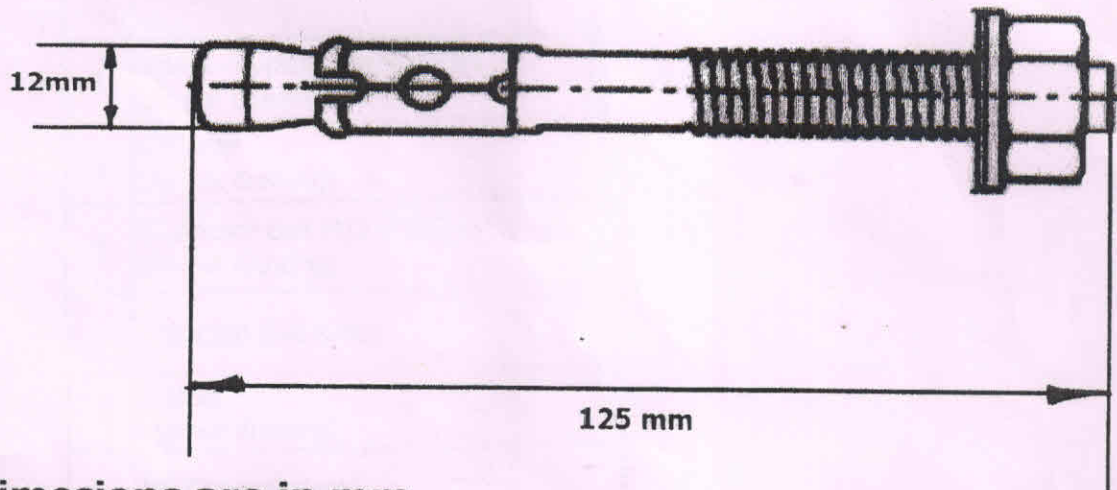
[Signature]
23/12/21
EXECUTIVE ENGINEER/MECH.
ASH HANDLING PLANT DIVISION
NCTPS, TNEB, CHENNAI-120.

[Signature]
ASSISTANT EXECUTIVE ENGINEER/MECH
ASH HANDLING PLANT SUB DIVISION-III
NCTPS, TNEB, CHENNAI-120.

[Signature]
21/12/21
JE/M/AHP

Drawing - (B)

GI ANCHOR BOLT FOR ASH SLURRY DISPOSAL LINE Sl No (B)



All Dimesions are in mm
Drawing not to scale

Technical specifications

Material : GI
Length : 125 mm
Size : M 12
Nuts : Hexagonal head (1 No)
Washers : 2 mm Thick (1 No)

[Signature]
23/12/24
EXECUTIVE ENGINEER / MECH.
ASH HANDLING PLANT DIVISION
NCTPS, TNEB, CHENNAI-120

[Signature]
ASSISTANT EXECUTIVE ENGINEER/MECH
ASH HANDLING PLANT SUB DIVISION-III
NCTPS, TNEB, CHENNAI-120

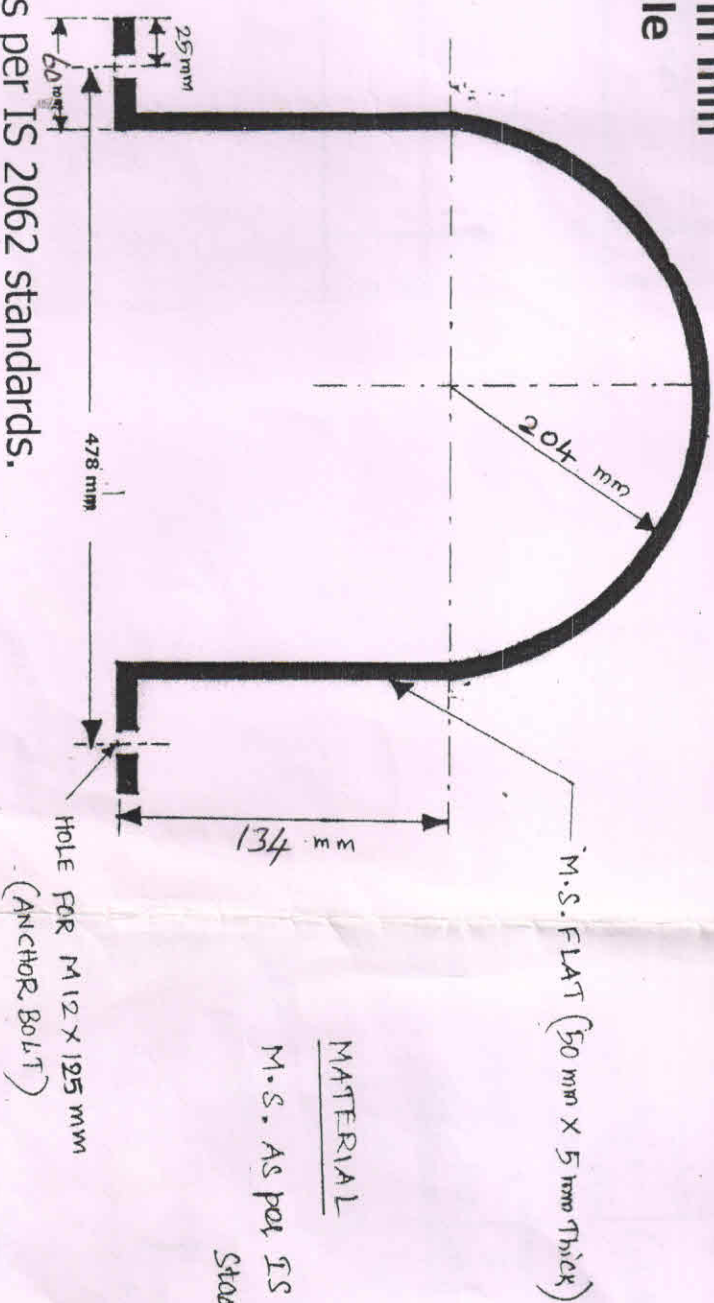
[Signature]
21/12/24
JE/M/AHP

Drawing - 19

Annexure - I
Technical specifications

MS "U" Clamp for Ash Slurry Disposal Line (OD: 406mm) S/N - 0 - (2)

All dimensions are in mm
Drawing not to scale



MATERIAL

M.S. AS per IS 2062
Standards.

Material : MS as per IS 2062 standards.
Flat Thick : 5 mm.
Flat Width : 50 mm.

29/2/21
EXECUTIVE ENGINEER / MECH.
ASH HANDLING PLANT DIVISION
NCTPS, TNEB, CHENNAI-120

29/2/21
ASSISTANT EXECUTIVE ENGINEER/MECH
ASH HANDLING PLANT SUB DIVISION-III
NCTPS, TNEB, CHENNAI-120

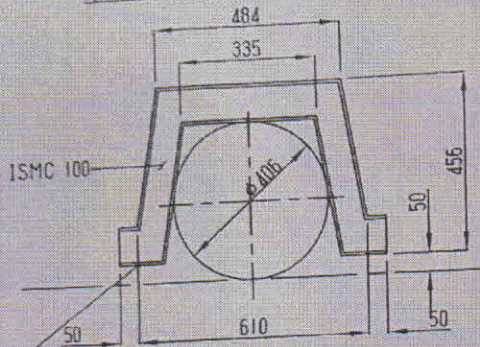
29/2/21
JE/M/AHP

Drawing - ⑥.

ANNEXURE - I
TECHNICAL SPECIFICATION

Sl. No - ⑥

I.M.S Channel Clamp for ASDL



18mm Dia HOLE FOR
M16 BOLT (TYP)

MATERIAL

1. Channel clamp for ASDL & RWL - MS (IS 2062)
2. M.S Bolt & Nut Size : M16 X 150mm - MS (IS 2062)

Note:-

1. ALL dimensions in MM
2. Scale : Not to scale

Indent No.	
Part Name	MS CHANNEL CLAMP FOR ASDL
DRG.No.	1 & 2
Division	AHP - Sub Division III
NORTH CHENNAI THERMAL POWER STATION CHENNAI-120	

EXECUTIVE ENGINEER/MECH.
ASH HANDLING PLANT DIVISION
NCTPS TNE CHENNAI-120

ASSISTANT EXECUTIVE ENGINEER/MECH
ASH HANDLING PLANT SUB DIVISION-III
NCTPS TNE CHENNAI-120

JE/M/AHP