No. 247 Dt. 24/03/2023
Approved by
Santanu Banerjee
Joint Chief Inspector of Factories
Government of West Bengal
Date:24-03-2023 09:47:18 IST
**Provided further that such approval does not exempt the occupier from rectifying any defect which later might be subject to any objection under the Factories Act, or Rules.

-: N O M E N C L A T U R E :-

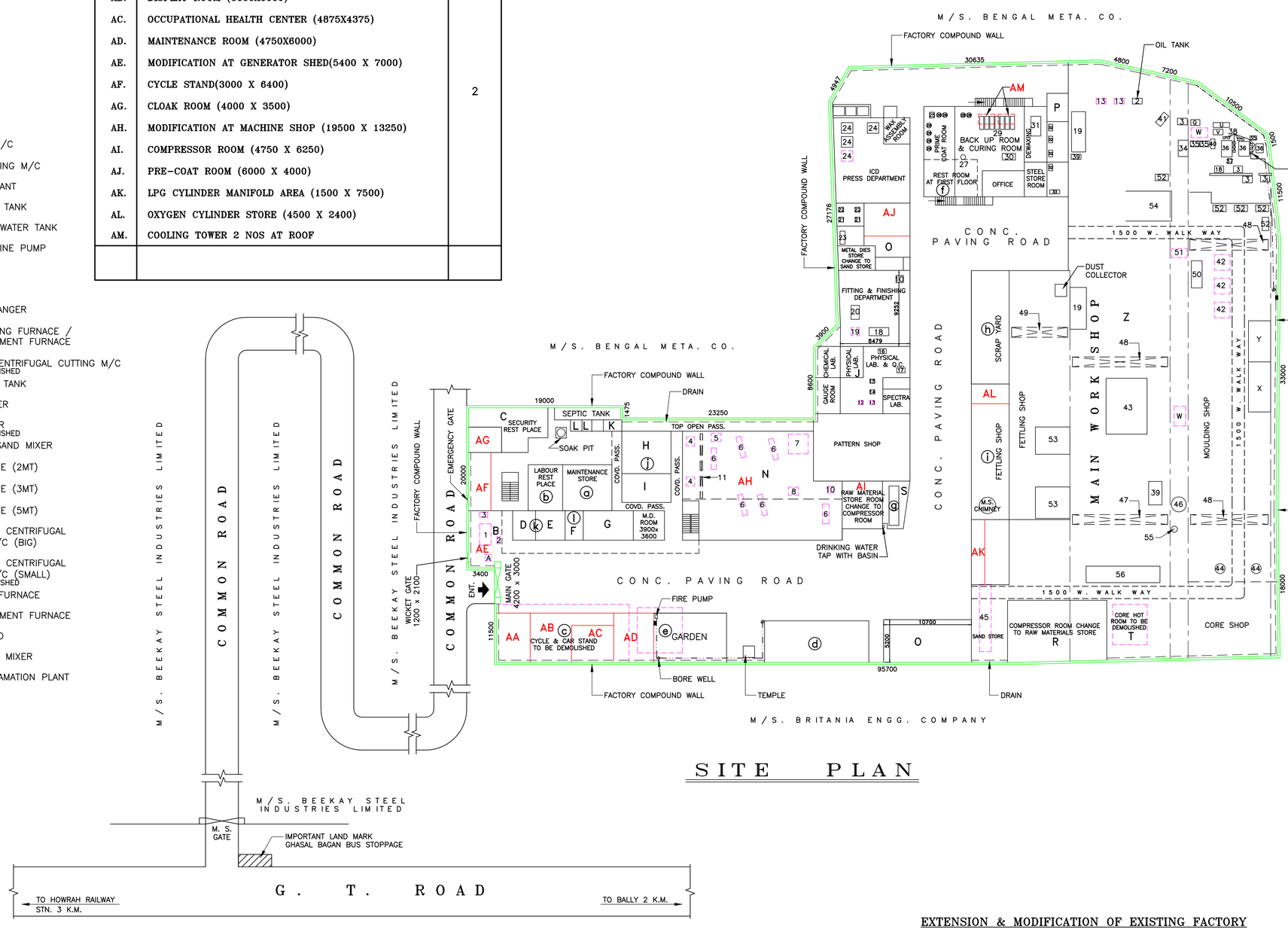
[For approval]

ITEM No.–	D E S C R I P T I O N	DRG. SERIAL No.–
AA.	MACHINE SHOP (4050x6000)	2
AB.	DISPLAY ROOM (5050X6000)	
AC.	OCCUPATIONAL HEALTH CENTER (4875X4375)	
AD.	MAINTENANCE ROOM (4750X6000)	
AE.	MODIFICATION AT GENERATOR SHED(5400 X 7000)	
AF.	CYCLE STAND(3000 X 6400)	
AG.	CLOAK ROOM (4000 X 3500)	
AH.	MODIFICATION AT MACHINE SHOP (19500 X 13250)	
AI.	COMPRESSOR ROOM (4750 X 6250)	
AJ.	PRE-COAT ROOM (6000 X 4000)	
AK.	LPG CYLINDER MANIFOLD AREA (1500 X 7500)	
AL.	OXYGEN CYLINDER STORE (4500 X 2400)	
AM.	COOLING TOWER 2 NOS AT ROOF	

LIST OF MACHINE & EQUIPMENTS :-

ALREADY APPROVED BY C.I.F. (W.B.)

1. 100 KVA GENERATOR TO BE DEMOLISHED
2. OIL TANK
3. PANEL
4. SHAPPER M/C (TO BE DEMOLISHED)
5. TOOL GRINDER (TO BE DEMOLISHED)
6. LATHE (TO BE DEMOLISHED)
7. PLANNER M/C (TO BE DEMOLISHED)
8. METAL POWER CUTTING SAW (TO BE DEMOLISHED)
9. MILLING (VERTICAL) (TO BE DEMOLISHED)
10. DRILLING M/C (TO BE DEMOLISHED)
11. CRANE 2 TON (PENDENT)
12. IMPACT M/C
13. HACK SAW M/C TO BE DEMOLISHED
14. BRINELL HARDNESS TESTER
15. ROCKWELL HARDNESS TESTER
16. UNIVERSAL TESTING M/C
17. SAMPLE POLISHING M/C
18. HYDRAULIC POWER PACK
19. SHOT BLASTING M/C
20. PNEUMATIC M/C
21. WAX MELTING TANK
22. WAX CONDITIONING TANK
23. EXTRUSION PRESS
24. WAX INJECTION PRESS
25. SAND RAINING M/C
26. PRIME CODE SLURRY
27. SAND BED
28. BUCK UP SLURRY DRUM
29. TRAY
30. SLURRY DRUM ROLLING M/C
31. DEWAXING
32. GRINDING M/C
33. BELT GRINDING M/C
34. SOFTING PLANT
35. RAW WATER TANK
36. D. M. HOT WATER TANK
37. DIESEL ENGINE PUMP
38. PUMP
39. KNOCK OUT
40. HEAT EXCHANGER
41. SHELL BAKING FURNACE / HEAT TREATMENT FURNACE
42. VERTICAL CENTRIFUGAL CUTTING M/C TO BE DEMOLISHED
43. QUENCHING TANK
44. SUPER MIXER
45. SAND DRYER TO BE DEMOLISHED
46. INTENSIVE SAND MIXER
47. E.O.T. CRANE (2MT)
48. E.O.T. CRANE (3MT)
49. E.O.T. CRANE (5MT)
50. HORIZONTAL CENTRIFUGAL CUTTING M/C (BIG)
51. HORIZONTAL CENTRIFUGAL CUTTING M/C (SMALL) TO BE DEMOLISHED
52. INDUCTION FURNACE
53. HEAT TREATMENT FURNACE
54. SCRAP YARD
55. CORE SAND MIXER
56. SAND RECLAMATION PLANT



SITE PLAN

NOTES : –

FACTORY COMPOUND WALL SHOWN

TOTAL NO. OF WORKERS :–95 NOS

FEMALE–2 + MALE–93

TOTAL NO. OF LATRINE :– 8 NOS

FEMALE LATRINE –1 + MALE LATRINE –7

TOTAL NO. OF URINAL :– 7 NOS

PROPOSED WORK SHOWN IN

EXISTING WORK SHOWN IN

DEMOLISHED/ NOT CONSTRUCTED WORK SHOWN IN

EXISTING WORK LAST APPROVED BY C.I.F. (W. B.) VIDE NO.–11, DATED :–08–02–2007

FIRE HYDRANT LINE WITH HYDRANT POINT SHOWN

HOSE BOX SHOWN

ALL ELECTRICAL FITTING ARE FLAME PROOF CONSTRUCTION N HAZARDOUS AREA

PROVISION OF HOSE BOX & TRAILER PUMP

PROVISION OF WATER DRINKING BOTTLE

PROVISION OF ADEQUATE DRAINAGE SYSTEM AT FACTORY PREMISES

PRESCRIBED STANDARD, TYPE & CAPACITY OF FIRE FIGHTING SYSTEM/ARRANGEMENT SHALL BE PROVIDED/ARRANGED/INSTALLED AS PER RULE 61 & 62 OF THE WEST BENGAL FACTORIES RULES, 1958 PRESCRIBED UNDER SECTION 38 & 41 OF THE FACTORIES ACT, 1948 (AS AMENDED UPTO DATE)

ALL USES GLASSES ARE TOUGHENED GLASS OR EQUIVALENT

NOMENCLATURE (EXISTING): – ALREADY APPROVED BY C.I.F. (W.B.)

A. SECURITY POST TO BE DEMOLISHED
B. GENERATOR (5400 x 7000)
C. SECURITY REST PLACE (9650 x 5500)
D. C.E.S.C. METER ROOM (2800 x 3600) (SPECTROMETER ROOM AT 1ST. FLOOR)
E. TRANSFORMER ROOM (3600 X 3600)
F. H.T. SWITCH ROOM (2200 X 3600)
G. L.T. SWITCH ROOM (6100 X 3600)
H. GENERAL STORE (6000 X 5200)
I. STORE OFFICE (6000 X 3600)
J. PHYSICAL & CHEMICAL LABORATORY (11200 X 8200)
K. BATH (2200 X 1500)
L. LATRINE (1000 X 1200)
M. DELETED
N. MACHINE SHOP (19500 X 13250)
O. SAND STORAGE AREA (5600 X 2600)
P. PUMP ROOM (2600 X 3500)
Q. WATER TANK (1200 X 1000)
R. COMPRESSOR ROOM (12100 X 7500) CHANGE TO RAW MATERIALS STORE
S. FO / LDO TANK (10KL)
T. CORE HOT ROOM TO BE DEMOLISHED
U. D.M. PLANT (2000 X 1000)
V. OVER HEAD WATER TANK (2000 X 2000)
W. COOLING TOWER (2000 X 1200) TO BE SHIFTED
X. SUPERVISOR CHAMBER (2700 X 6000)
Y. REFRACTORY STORE (2700 X 6000)
Z. MAIN WORKING SHED (37300 X 75000)

OFFICE BLOCK & FEMALE TOILET AT FIRST FLOOR
REST ROOM, REFRESHMENT ROOM, OLD STATIONARY RECORD ROOM AT SECOND FLOOR

a. MAINTENANCE STORE (6000 X 5600)
b. LABOR REST PLACE (4200 X 5600)
c. CYCLE & CAR STAND TO BE DEMOLISHED
d. RAW MATERIAL STORE (12700 X 5050)
e. OCCUPATIONAL HEALTH CENTER NOT CONSTRUCTED
f. REST ROOM (6500 X 4500) AT FIRST FLOOR
g. FO/LDO TANK
h. SCRAP YARD (4600 X 13800)
i. FETTLING SHOP (4600 X 16500)
j. REST ROOM (6200 X 6000) AT SECOND FLOOR
k. REFRESHMENT ROOM (8000 X 3750) AT SECOND FLOOR
l. OLD STATIONARY RECORD ROOM (3750 X 3750) AT SECOND FLOOR

EXTENSION & MODIFICATION OF EXISTING FACTORY

FOR :–
RRL STEELS LTD.
286 / 287 G.T. ROAD (N), SALKIA,
DIST.–HOWRAH, (W.B.)

CONSULTANT ;–
A. RAHMAN
CONTACT :–
09836213017
(033) 26621097

PROJECT:–
STEEL FOUNDRY

DATE :–
02–11–2022

TITLE :–
S I T E P L A N

PREPARED BY:–
Since–1976
GEM ENGINEERING & ASSOCIATES
602, G.T. ROAD (SIRISHTALA)
P.O.–SERAMPORE, DIST.–HOOGHLY, PIN–712201,
PHONE : (033) 26621097; MOBILE : 09836213017
E–MAIL :– rahmanassociates2@gmail.com

W S N E

DRG. SERIAL No.–
1 OF 2

ALL DIMENSION ARE IN m. m.

SCALE :–
1 : 300

DRG. No.–
R.R.L./S./G.E.A./S.P.–01

REV. 0

ONE SET CONTAIN :–
2