


250 TPD BIOGAS PLANT MAJOR UTILITY DIMENSIONS				
SL.No.	UTILITY/BUILDING TITLE	SIZE (LENGTH x BREDTH OR DIAMETER)	AREA	REMARKS
1	PRESSMUD STORAGE	71m x 95m	6745m2	
2	COWDUNG STORAGE	40m x 38m	1520m2	
3	MIXING TANK (HEIGHT 3m)	9.2m DIAMETER	199m2	3 Nos.
4	FEED PUMP	8m x 12m	96 m2	
5	DIGESTER (HEIGHT 8.45m)	32m DIAMETER	1608m2	2 Nos.
6	CIRCULAR LAGOON (4m DEEP)	32m DIAMETER	1608m2	2 Nos.
7	PRETREATMENT UNIT			
8	UPGRADATION UNIT	31m x 73m	2263m2	
9	COMPRESSION UNIT			
10	FILLING AND CASCADES STORAGE			
11	BOILER	10m x 12m	120m2	
12	CHP	12m x 12m	144m2	
13	PANEL ROOM	10m x 12m	120m2	
14	PLC ROOM	10m x 12m	120m2	
15	OFFICE+LAB	35m x 37m	1295m2	
16	SECURITY ROOM/TIME OFFICE	3.5m x 3.5m	12.25m2	
17	RECTANGULAR LAGOON	50m x 47m	2350m2	
18	SOLID/LIQUID SEPARATOR	8m x 10m	80m2	
19	BAGGING AND STORAGE OF SOLID ORGANIC FERTILIZER	22m x 48m	1056m2	
20	BOTTLING AND STORAGE OF LIQUID FERTILIZER	22m x 22m	484m2	
21	TRANSFORMER	8m x 12m	96m2	
22	WORKSHOP	25m x 9m	225m2	
23	STORE	8m x 12m	96m2	
24	WATER STORAGE TANK	15m x 15m	225m2	
25	ROADS	633m x 9m	6700m2	
26	FLARE UNIT	4m x 4m	16m2	
27	WEIGH BRIDGE	9m x 3m	27m2	

Total Plant Area	: 11.62 Acres
Total Plant Area	: 47024.472 m <sup>2</sup>
Total Built up Area	: 6.72 Acres
Total Built up Area	: 27205.25 m <sup>2</sup>
Free Area	: 4.90 Acres
Free Area	: 19819.22 m <sup>2</sup>

- NOTES:-
1. ALL DIMENSIONS ARE IN METER.
  2. LAYOUT MAY HAVE MINOR CHANGES DURING DETAIL ENGINEERING
  3. PROPOSED BIOGAS PLANT IS SITUATED IN AGRICULTURAL LAND IN PANCHYAT AREA. TOWN PLANNING NOC IS NOT REQUIRED. PANCHYAT APPROVAL IS ATTACHED WITH DRAWING.

- LEGEND :
- Proposed Fencing : [Symbol]
- Road : [Symbol]
- Individual Killa Boundary Line : [Symbol]

△					
△	03.07.18	GENERALLY REVISED	P.S	A.S	A.DE
△	30.06.18	ISSUE FOR REVIEW	P.S	A.S	A.DE
REV. NO.	DATE	DETAILS	BY	CHKD.	APPD.
REVISIONS					
PROJECT	250 TPD BIOGAS PLANT AT MARODHI (ROHTAK)				
CLIENT	 Spectrum Renewable Energy Private Limited (SREL)				
TITLE	PLANT LAYOUT – AREA 11.62 ACRE				
Drawn By	P.S.	SIGN.			
Checked By	A.S.	SIGN.			
Approved By	A.De	SIGN.			
SCALE: 1:1000	DRAWING NO.		SHT.	REV.	
DATE: 30.06.18	102–20–00–03		1 OF 1	1	