

Electricity registers and installation of sub-meters

Company:	GVRC	Date of visit :	28-02-2020
Site:	innopolis	From / To Time	09.30 TO 13.00
Approved by:	B.Praveen	Prepared by	M.Mahesh
SL.No	Description	Remarks	
1	Is Installed a 3 phase distribution board with 32/64 amps isolator for each electric power connection. MCB should be of lowest capacity to ensure safety (6 amps).	YES	
2	A separate distribution board can be installed at the labour quarters. Ensure that 1 MCB of 6 amps supplies power to 4 to 6 quarters/huts. It will ensure safety and prevent excessive drawing of power. The distribution board should be installed in a locked room.	YES	
3	Install sub-meters for each of the following:	YES	
	A. Labour quarters. Install multiple sub-meters if labour quarters are at different locations like in SOB.		
	B. . Brick production.	NA	
	C. . For carpentry and welding workshops	NA	
	D. Site office and model house.	installed	
	E. . Security kiosk, street lighting and pumps.	installed	
	F. Sub-meter for each block, sub-block or group of bungalows for internal works like cutting, polishing, etc	Not installed	
4	Is Maintaining a separate page for each sub-meter and the main meter in the electricity register.	for submeters is not maintaining	
5.	Power to labour quarter should be provided from dusk to dawn. Day time power including Sunday should not be provided.	Yes	
6.	Inspecting all labour quarter atleast once a week and ensure that no labour quarter has bulbs, heaters or other appliances except one tube light an optionally a TV and fan.	Yes	
7	In case it is found that there is a misuse of power in labour quarters like using of light bulbs then disconnect power for entire row of labour quarters for one night. Incase of repeat offence disconnect power for entire row for 3 nights. In that way it will become collective responsibility of labourers to ensure that there is no misuse.	No any misuse	
8	In case of apartments at each lift core install a small board with 2 or 3 15 amps sockets connected to an MCB on each floor. Use 10 sq mm 4 core cable for connecting these boards to the power supply. Connect through a 32 amps isolator on the stilt floor. Incase of bungalows similar procedure of apartments can be followed and the power can be drawn for	NA	

	each bungalow from the street light poles.	
9	Street lights or security lightings must be divided into 2 or 3 groups. One set of main lines can be operated from dusk to dawn. Rest of the groups can be switched off by 9 or 10 p.m. Give specific instructions to security for enforcement of timings. Control for security /street lighting should be preferably brought to a central location for operational ease.	Yes
10	Provide distribution boards, MCBs and isolators as required for all workshops and brick production facilities.	Yes
11	No bulbs or CFLs are to be used on any site except for model flats. Use only 2 ft /4 ft tube lights or metal halide lamps. Do not use halogen lamps. Labour quarters/huts must have 2 ft tube lights.	Yes
12	Use 7/20 or 3/20 aluminum cables for supplying power or inter connections wherever wires are exposed to sunlight or rain. Do not use 1/18, 3/20, 7/20 copper wires for such supply/connection.	Yes

Note: - explained to lady engineers KEERTHI about circular no 130(a) .

Borewell details & location of site

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Site:	innopolis	From / To Time	09.30 TO 13.00
Report date	B.Praveen	Prepared by	M.Mahesh
List of Bore well points at site			
Sl.no	No of bore wells	Capacity of pump/hp	Status
1	2 – nos	Ksb 4 HP & 1.5 HP – 2 NOS	Working and Its not connected to sub meter
2	3 nos of open well submersible pumps	5 hp + 3 HP + 1HP = 3 nos	Working and Its not connected to sub meter