

MAHARASHTRA JEEVAN PRADHIKARAN WORKS DIVISION, MALEGAON



SHINKAR CORNER, CAMP ROAD, MALEGAON CAMP 423105 (NASHIK)

☎(0255) - (Off): 435065, (Resi): 422694

C E R T I F I C A T E .

This is to certify that M/s. H. N. Bhat & Co. HENABH CENTRE " 1326 Shukrawar Peth, Pune 411 002, has successfully designed, constructed and tested 15 MLD average flow and 36 MLD. peak flow capacity SEWAGE TREATMENT PLANT AT MALEGAON to the entire satisfaction of the Department .

The plant is based on Conventional Activated Sludge process consisting of Primary & Secondary Sludge treatment etc as detailed below.

S.No	Civil Units.	Mechanical Unit.
1.	Receiving chamber	" HENABH " Make Pen Stock Gates.
2.	Screen Chamber.	"HENABH " Make Pen Stock Gates, Manual.
3.	Grit Chamber	"HENABH" Make Pen Stock Gates.
4.	Parshall Flume	Flow Meter & Flow Transimeter
5.	Distribution chamber.	"HENABH" Make Flow Bypass Gate.
6.	Primary Clarifier Unit in RCC M20	"HENABH" Make Clarifier Mechanism suitable for 28 m. dia.
7.	Primary Sludge sump of Size 7.5mx3mx 1.45 + 2.55 FB constructed in RCC 4 m. below ground and pump house 4 m. above ground.	"HENABH" Make 3 Nos of Pumps non clog type capacity 120-200 m ³ /hr.
8.	Primary Digester in RCC M200 for Sludge treatment.	"HENABH" Make Digester Mixers 20 HP Capacity 1 No. alongwith pressure Relief valve, Vacuum Breaker, CI Flame Trap, Drip Trip 40 NB Gas Burners with pilot.
9.	Secondary Digester constructed in RCC M20 grade concrete	Suitable for Floating Dome.

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S.No	Civil Units.	Mechanical Unit.
10.	Sludge Drying Beds constructed in RCC 34 Nos. each of 6x36m. in Size.	Gates.
11.	Filtrate Sump and pump House constructed in RCC M20	"HENAH" Make 2 Nos. Filtrate Pumps self Priming type 120-200 m ³ /hr. capacity.


All the structures of this unit are RCC designed as per IS3370 and constructed in M20 grade of concrete. During peak days the speed of construction was very good and the concreting was continuous at the rate of 25 m³ per day averaging to about 600 m³ per month and aggregating to about 3000 m³

The work is carried out in Engineering manner to the entire satisfaction of the Department.

The contractors are observed to be resourceful knowledgeable and execute the work well planned.

No.MJPWA/AB/CC/23/6/99
Maharashtra Jeevan Pradhikaran Works On, Malgaon.

Date : 10/5/99


Executive Engineer,
Maharashtra Jeevan Pradhikaran Works
Division, Malgaon.