

Simhastha is the time the planet Jupiter is in Leo's constellation (*Simha in Hindu astrology*) happens once every 12 years.

According to Hindu mythology, Vishnu dropped drops of amrita (*the drink of immortality*) at four places, while transporting it in a kumbha (*pot*). These four places, including Ujjain, are identified as the present-day sites of the Kumbh Mela. "Kumbh" in its literal English translation means "Pot", which emerged from "Samudra Manthan" (*Churning of the Ocean*) between Gods and Demons.



SIMHASTHA UJJAIN:2016



Around 50million devout Hindu pilgrims, visited Ujjain (a town of just 0.5 million) within a month (between 22nd April to 21st May, 2016) & most of them took a holy dip in the river Kshipra Vaishakh Shukla 15, 21st May, 2016 (Saturday). Naturally, such a huge increment in people requires robust sewage pumps – that's where Aqua's proven record came to the fore

"Due to its proven long term track record (versus competing brands) in Ujjain itself (since the last Kumbh mela); Aqua's sewage submersible pumps were the natural choice of the Client as well as the executing EPC Contractors" - **Mr. G. S. Damor** (Engineer-in-Chief)

Situation :

Considering that a town of 0.5million had to house 50million floating population; was to be a huge challenge for pumping sewage.



To have an efficient sewerage system, Govt laid a complete sewer network for the entire city which comes out to be 139.5 kms. For fulfilling the future sewage treatment demand an additional sewage treatment plant is pro posed as around 5 crore pilgrims are expected to reach.



46,000 toilets that will generate more than 50 tons of solid waste will be constructed in the entire Simhastha area. "The public urinals in and around Ramghat were poorly constructed and were not fit for public use. During Simhastha, we were worried about the stench created due to poor construction of toilets", says Purushottam Dubey Angoothiwale, a local priest at Ramghat. "At Ramghat, more than five

crore people will bathe during the Simhastha and more than 10 million visitors will visit Ujjain to perform prayers on the banks of the Kshipra", says 38 year old Mohit Trevedi, a Ramghat priest.

UNIQUE ADVANTAGES OF AQUA'S ANS

- Best long term maintenance free track record in Ujjain (& all over India)
- Tolerates wide Electrical supply fluctuations
- Zero Routine maintenance requirement
- Wide range of Hydraulic designs allow Clog less handling of sewage at optimal efficiency



...Work in Progress
of Excavation of Wet well

SOLUTION :

All the pumps used for this Prestigious project are of Aqua brand only – i.e. a total of supplied total 150 Nos. of Non Clog Sewage Submersible Pump Sets to/through following Client/Contractors :

1. M/s. Ujjain Municipal Corporation, Ujjain.
2. M/s. Bhasa Associate, Bhopal.
3. M/s. AVI Enterprises, Indore.
4. M/s. Krishna Construction, Ahmedabad.
5. M/s. Sorathiya Velji Ratna & Co., Vadodra.
6. M/s. Adroite Associates, Indore.



As compared to 1st Generation of Submersible Sewage pumps; Aqua's pumpsets have higher Motor Insulation DiElectric Reserve margins, have Lower Temperature Rise & are based on superior Vacuum Pressure Impregnated Resin technology - something not easily found with LT motors. This enables them to operate more reliably in Real Life Indian conditions with Power Supply spikes, unbalanced voltage, etc.

**OFFICE OF THE EXECUTIVE ENGINEER
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TO WHOM IT MAY CONCERN

It is certified that the AQUA MAKE Non Clog Sewage Submersible Pumps were successfully used during "SIMHASTH 2016" for disposal of sewage. The work was carried out through different agencies under different agreements. The details are as under -

S.No.	Particulars of Pump	Discharge	Head	HP	Quantity	Ag No	Name of Firm through which work was executed.
1	Aqua Make Non clog sewage submersible pumps of following head and discharge	19500 lpm	34 m	215	4 Nos	33/15-16	M/S Adroit Associates, Indore
		9750 lpm	34 m	120	2 Nos	30/15-16	M/S AVI Enterprises, Indore
		396 lpm	37 m	15	5 Nos		
		198 lpm	37 m	7.5	1 No	31/15-16	M/s Krishna Constructions, Ahemdabad
		3021 lpm	15 m	20	5 Nos		
		1511 lpm	15 m	12.5	3 Nos		
		1878 lpm	26 m	25	3 Nos	21/15-16	M/S Sorathiya Velji Ratna & Co. Vadodra
		939 lpm	26 m	15	4 nos	22/15-16	
		2848 lpm	15 m	17.5	3 Nos		
		1424 lpm	15 m	10	2 Nos	23/15-16	
		8313 lpm	28 m	80	4 Nos		
		4157 lpm	28 m	45	3 Nos	32/15-16	
		9695 lpm	17 m	60	3 Nos		
		4848 lpm	17 m	30	3 Nos		


Assistant Engineer
PHE Project Sub Division, Ujjain


Executive Engineer
PHE Division, Ujjain

!! करते हैं हम आपका अभिनंदन !!
ताकि आप कर सके महाकाल के चरणों में वंदन



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