

CURRICULUM VITAE (CV)

1.	Name of Firm	Aquagreen Engineering Management (P) Ltd.		
2.	Name of Expert	Ranjodh Singh		
3.	Date of Birth	07-07-1941	Citizenship	Indian
4.	Education	<ul style="list-style-type: none"> ➤ Master of Engineering (Water Resources Development (Civil)) , Water Resources Development Training Centre, Roorkee, University of Roorkee (now IIT, Roorkee), 1976 ➤ B.Sc. Engg., (Civil Engineering) Punjab Engineering College, Chandigarh. Punjab University, 1963 		
5.	Membership in Professional Association	<ul style="list-style-type: none"> ➤ Fellow of Institute of Engineers (India) ➤ Member of Indian Water Resources Society ➤ Former Member Executive Committee, Institution of Engineers, Himachal State Centre for two sessions. ➤ Associated with various committees of Bureau of Indian Standards on concrete, tunnels and rock mechanics etc. ➤ Represented SJVNL on Indian National Committee on Rock Mechanics & Tunneling Technology. 		
6.	Other Trainings	<ul style="list-style-type: none"> ➤ Attended International Conference on Small Hydro (China,1984) and study of factors and other technical details leading to speedy development of small hydro in China. ➤ Visited Japan in 1994 for attending training programme with M/S Nippon Koei Co. Ltd., Tokyo and studied construction, operation & maintenance of hydro-electric projects & pumped storage schemes. ➤ Visited Nepal in 1995 for attending an International Conference and technical study of some Projects under operation. ➤ Visited Sweden in 1998 in for inspection of imported project material and study of Quality Control aspects. ➤ Visited Bhutan for studies regarding functioning of desilting chambers for Chukha Project in 1994 and study/technical advice for Tala Project in 2000/2004. 		
7.	Countries of Work Experience	India		
8.	Languages	Speaking	Reading	Writing
	• English	Good	Good	Good
	• Hindi	Good	Good	Good
9.	Professional Accomplishment	<p>Mr. Ranjodh Singh has a professional work experience of 43 years. The details of his work experience are as follows:</p> <p>1. Nathpa Jhakri Project (1500 MW), Himachal Pradesh, India:</p> <p>Nathpa Jhakri is a run-of-the river scheme on river Satluj comprising 62.5m high concrete dam; four underground desilting chambers each 525m long; 27.3 Km long 10.15m</p>		

Aquagreen Engineering Management (P) Ltd., Gurgaon

		<p>diameter head race tunnel; 301m deep restricted orifice- type surge shaft; three pressure shafts 4.9m dia , each about 600 m long, underground machine hall cavern housing six generating units each of 250 MW utilising a design discharge of 405 cumecs under a rated head of 428m and a tail race tunnel 10.15m dia and 982m long. The first Unit of the project was commissioned in Oct. 2003 with all other five by May, 2004</p> <p>2. Rampur Project (412 MW) , Himachal Pradesh, India: Was involved in the Preparation of DPR for Rampur Project (then 434 MW)</p> <p>3. Kashmir Railway Project, Jammu & Kashmir, India: Consultancy assignment to Konkan Railway on tunnel design for Kashmir Railway Project etc.</p> <p>4. Binwa (6 MW), Andhra (16.95 MW), Rongtong (2 MW), Thiroth (4.5) MW, Gaj (10.5MW), Baner (12 MW) etc., Himachal Pradesh, India Organised, guided and supervised design works (civil/mech.) in connection with Structural Design of civil structures like Weirs, Intake, Desilting Arrangement, Power Tunnel/Channels, Aqueducts, Forebays/ Storage reservoirs, Anchor blocks/Saddles, Penstocks and Power Stations.</p>
Employment Record		
Period	Employer	Position Held
2006- Till date	Aquagreen Engineering Management Pvt. Ltd., India	Advisor
2001- 2006	Satluj Jal Vidyut Nigam Ltd.(SJVN), India	In-charge (Design)/ Consultant
1994- 2001	Nathpa Jhakri Power Corporation (NJPC), India	Executive Director (Design Engineering)/ Chief Engineer (Design)
1992- 1994	Nathpa Jhakri Power Corporation (NJPC), India	Superintending Engineer (Design)
1982- 1992	H.P State Electricity Board, Shimla	Director (Design)/ Superintending Engineer
1973- 1982	H.P State Electricity Board, Shimla	Executive Engineer (Design)/ Executive Engineer (Monitoring)
1970- 1973	Baira-Siul Project Authority, Govt. of India, Ministry of Irrigation & Power	Assistant Engineer
1965- 1970	Deptt. of Multi-purpose Projects & Power, H.P. Govt., Shimla, India	Assistant Engineer