

BRIEF OBJECTIVES OF THE SEMINAR



River Training & Diversion Works Sectional Committee, WRD 22 deals with the aspects of standardization of criteria for planning, design, construction, operation, maintenance and other related aspects of river training works, barrages, weirs and diversion works. This sectional committee has published 22 number of standards which pertains to different aspects of river training and diversion works. The list of the standards published by the committee is enclosed. The main standards relating to river training works are IS 8408:1994 Planning and design of groynes in alluvial river – Guidelines (first revision), IS 10751:1994 Planning and design of guide banks for alluvial river – Guidelines (first revision), IS 12926:1995 Construction and maintenance of guide banks in alluvial rivers – Guidelines (first revision), IS 14262:1995 Planning and design of revetments - Guidelines.


During the 10th meeting of River Training & Diversion Works Sectional Committee, WRD 22 held on 5 Apr 06 at Central Water Commission under the Chairmanship of Member(RM), CWC, a Working Group was constituted for examining the provisions in IS 8408:1994 Planning and design of groynes in alluvial river – Guidelines (first revision). During the meeting of the Working Group, it was decided to seek more information from the manufacturers/users of different materials for gabion construction. It was also decided by the Chairman of WRD 22 that a Seminar should be organized so that the stake holders view point on technologies for river erosion control and use of gabions/geosynthetics may be consolidated and concerned issues may be addressed and identified. In view of the above recommendations, a Seminar on technologies for river erosion control and use of gabions/geosynthetics has been proposed to be held jointly with Central Soil & Material Research Station on 8 June 2007 at CSMRS Auditorium, Olof Palme Marg, Hauz Khas, New Delhi 110 016. The Seminar will be useful in getting the information on use of different kind of technologies for river erosion control and different kind of geosynthetics materials in their construction.

In river erosion the prime agent for erosion are corrosion, hydraulic lifting, scouring, cavitations and abrasion. River erosion also triggers mass movement in the form of land slides. The stabilization of river banks through the use of latest technology and with geosynthetic materials will be discussed during this Seminar and there are about 10 eminent speakers who will be disseminating the knowledge in this particular field. The recommendation of the Seminar will be put up to the Working Group for its consideration and for suggesting any kind of review/revision in the existing standard codes. Apart from the above, CSMRS will also be demonstrating its techniques available in the field of geosynthetics through their established Lab visit to the participants.



PROGRAMME

930-1000	Registration	
1000-1030	Inaugural Session	
	Welcome Address and Programme Objectives	Shri. A..M. David, Director, BIS
	Address	Dr. A.K. Dhawan, Director, CSMRS
	Address	Shri. Rakesh Verma, ADGT, BIS
	Address	Shri. R.N.P Singh, Member(RM), CWC
	Inaugural Address	Shri. S.K Das, Chairman, CWC
	Vote of Thanks	CSMRS
1030-1100	 TEA	
1100-1330	Technical Session 1 <i>(Case Histories of River Erosion Works)</i>	Chairman : Shri. Rakesh Verma, ADGT, BIS
	Speakers	Prof. G.V. Rao <i>(Possible techniques and their applications in erosion works)</i>
		Meccafferri - Performance of wire mesh crates in River Engineering applications
		Shri. G.S. Purba - Member Coordination, GFCC
		Shri. R.K. Khanna, Chief Engineer (P&D), CWC & Shri. A.K. Khariya <i>(Technologies in Coastal Erosion)</i> Prof. S.K. Mazumdar <i>(Case study of Farakka Barrage)</i>
Wire Crates Manufacturers – Demo. Q&A followed by conclusions by the Chairman		
1330-1430	 LUNCH <i>Demonstration of Techniques available in the Field of Testing and Evaluation of Geosynthetics by CSMRS Established Material Testing Lab.</i>	
1430-1730	Technical Session -2	(Planning and design of Groynes in Alluvial Rivers & Gabions construction with Geosynthetics Chairman: Shri. A.K. Ganju, Chief Engineer

		<p><i>(Yammuna Basin), CWC</i></p> <p>Speakers : Dr. Nayan Sharma, I.I.T, Roorkee Shri. M. Venkataraman- <i>Garware-Wall Ropes Ltd.</i> Shri. Manish Gupta, CSMRS Shri. Lall, Intfab, Mumbai Dr. U.S. Sharma , CCRI <i>Q&A followed by conclusions by the Chairman</i></p>
1730-1800		TEA