

Design Standards for
Minor Irrigation Works
in Kokan Region-
Modification in the -

GOVERNMENT OF MAHARASHTRA,
Irrigation and Power Department,
No. MNS 1966/71966.MI (I),
Chief Engineer (M.I. & P.H.)'s Technical circular No.1,
Sachivalaya, Bombay- 32 BR
Dated the 27th July 1966

Taking into consideration the topography and the rainfall pattern in the Kokan region; it is decided that the following design standards should be adopted for all Minor Irrigation Works in Kokan Region.

1) Design Flood : For calculating the design flood; no modifications or reduction in coefficient in the original Inglis formula for ghat-fed catchment should be made. The floods should be calculated from the formula $7000A$.

$$Q = \frac{7000A}{\sqrt{A+4}}$$

Where A - is catchment area in square miles.

And Q - is flood discharge in cusecs.

2) Silt pocket : The silt pocket for Minor Irrigation works in Kokan Region should be provided for a silting rate of 0.75 acre-feet per square mile per year instead of the usual practice of 0.35 acre-feet per Square miles per year.

sd/-
(R.D. GUPTA)

For Chief Engineer(M.I. and P.H.) & Joint. Secretary,
Irrigation and Power Department.

Copy to :

1. The Superintending Engineer, Water Resource Investigation Circle, Poona.
2. All other Superintending Engineer's dealing with Minor Irrigation Works.
3. The Executive Engineer, Kokan Irrigation Division, Chiplun.
4. All other Executive Engineers, dealing with Minor Irrigation Works.
5. Parishads Executive Engineers of Zilla Parishad's Thana, Kolaba and Ratnagiri.
6. Deputy Engineers in Sachivalaya in Minor Irrigation Wing.