

Work Profile of State Dam Safety Organisation

Dam Safety Act-2021 implemented across the country from Dtd.30/12/2021. The State Dam Safety Organisation is notified vide Government of Maharashtra Gazette Dtd.22/06/2022.

The definition of a Specified Dam covered as per Dam Safety Act is as follows:

The following are the criteria for dams to be covered under the Dam Safety Act 2021:

“Specified Dam” means a dam constructed before or after the commencement (Dtd. 30/12/2021) of this Act, satisfying following criteria

a) Height > 15 metres or

b) 10 metres < Height < 15 metres

Satisfying at least one of the following Criteria,

1) Crest Length \geq 500 metres; or

2) Reservoir Capacity \geq 1 MCM (Mm^3); or

3) Max. Flood Discharge \geq 2000 Cumecs (m^3/s); or

4) Dams having especially difficult foundation problems; or

5) Dam of unusual design

1. To monitor implementation of guidelines and standards issued by the National Dam Safety Authority in connection with Dam Safety Act-2021 in the jurisdiction of SDSO Maharashtra.
2. Classification of dams as per Regulation of National Dam Safety Authority.
3. i. Scrutiny of Pre & Post Monsoon Inspection reports of 2160 dams owned by Water Resources Department
ii. Scrutiny of Pre & Post Monsoon Inspection reports of 455 dams owned Soil and Water Conservation Department.
iii. Scrutiny of Pre & Post Monsoon Inspection of 56 dams owned by other than WRD & S&WCD namely Maharashtra Industrial Development Corporation (MIDC), Maharashtra State Power Generation plants Limited (MAHAGENCO), Maharashtra Jeevan Pradhikaran (MJP), Municipal Corporation, Municipal Council, Education Institutes & Private Companies etc.
4. To classify Deficiency observed in the scrutiny of reports.
5. To maintain the Logbook for 2671 dams as per NDSA regulation.
6. To submit a report to the National Dam Safety Authority regarding Dam Failure as per NDSA regulation.
7. To submit a report to National Dam Safety Authority regarding Dam Incident affecting safety of dams as per NDSA regulation.
8. To suggest Dam Safety remedial measures for deficiency in Specified Dams as per Dam Safety Act-2021.
9. To guide Dam Owners regarding the operation of Dams in distress.

10. Issue safety certificate in connection with the first filling of reservoir.
11. To take necessary action as per act to collect, compile process & store data regarding Dam Safety Instrumentation.
12. To take necessary action as per act to collect, compile process & store data regarding Climatic / Hydro-meteorological equipment.
13. To take necessary action as per act to collect, compile process & store data regarding Earthquake Instruments on dams above height 30m.
14. To submit the “Annual Report” to the National Dam Safety Authority & State Government by June every year to table in Hon. Loksabha & Hon. Rajyasabha, Hon. Legislative Assembly & Council.
15. Scrutiny of Inspection reports of Canals owned by Water Resources Department.
16. Inspection of selected Canals in accordance with the approved Annual Inspection Program.
17. Publication of Annual Canal Distribution System status report in accordance with the status of Canals in the state.