

**REAFFIRMATION OF INDIAN STANDARDS  
(WATER RESOURCES DEPARTMENT)**

**(जल संसाधन विभाग)**

**Our Ref:** WRD 14/ Reaffirmation/G-31 & Tech files

**25 02 2020**

**हमारा संदर्भ :** डब्ल्यू आर डी 14 / पुनः पुष्टि/जी-31 व टी फाइलें

**विषय /Subject:** भारतीय मानकों का पुनः पुष्टि/ Reaffirmation of Indian Standard

The following Indian Standard have been reaffirmed during the month of February 2020 by the above mentioned Sectional Committee for a period of 5 years:

निम्नलिखित भारतीय मानकों का " जल संचालक तंत्र " विषय समिति डब्ल्यू आर डी 14 में पुनः पुष्टि तिथि से फरवरी 2020 में आगामी पांच वर्षों के लिए पुनः पुष्टिकरण किया गया है ।

Sl. No.	IS No.	TITLE
1.	IS 4410 ( Part 20) : 1983	Glossary of terms relating to river valley projects Part 20 Tunnels
2.	IS 4880 ( Part 2) : 1976	Code of practice for design of tunnels conveying water Part 2 Geometric design
3.	IS 4880 ( Part 3) : 1976	Code of practice for design of tunnels conveying water Part 3 Hydraulic design
4.	IS 4880 ( Part 4) : 1971	Code of practice for design of tunnels conveying water Part 4 Structural design of concrete lining in rock
5.	IS 4880 ( Part 5) : 1972	Code of Practice for Design of Tunnels Conveying Water - Part V Structural Design of Concrete Lining in Soft Strata and Soils
6.	IS 4880 ( Part 6) : 1971	Code of practice for design of tunnels conveying water Part 6 Tunnel support
7.	IS 4880 ( Part 7) : 2014	Code of practice for design of tunnels conveying water Part 7 Structural design of steel lining
8.	IS 5330 : 1984	Criteria for design of anchor blocks for penstocks with expansion joints
9.	IS 5878 ( Part 2 / Sec 1) : 1970	Code of Practice for Construction of Tunnels - Part II Underground Excavation in Rock - Section 1 Drilling and Blasting
10.	IS 5878 ( Part 2 / Sec 2) : 1971	Code of Practice for Construction of Tunnels - Part II Underground Excavation in Rock - Section 2 Ventilation Lighting Mucking and Dewatering

Sl. No.	IS No.	TITLE
11.	IS 5878 ( Part 2 / Sec 3 ) : 1971	Code of Practice for Construction of Tunnels Conveying Water - Part II Underground Excavation in Rock - Section 3 Tunneling Method for Steeply Inclined Tunnels Shafts and Underground Power Houses
12.	IS 5878 ( Part 3 ) : 1972	Code of Practice for Construction of Tunnels Conveying Water - Part III Underground Excavation in Soft Strata
13.	IS 5878 ( Part 4 ) : 1971	Code of practice for construction of tunnels conveying water Part 4 Tunnel supports
14.	IS 5878 ( Part 5 ) : 1976	Code of practice for construction of tunnels conveying water Part 5 Concrete lining
15.	IS 5878 ( Part 6 ) : 1975	Code of practice for construction of tunnel conveying water Part 6 Steel lining
16.	IS 5878 ( Part 7 ) : 1972	Code of practice for construction of tunnels conveying water Part 7 Grouting
17.	IS 7357 : 1974	Code of practice for structural design of surge tanks
18.	IS 7396 ( Part 1 ) : 1985	Criteria for hydraulic design of surge tanks Part 1 Simple restricted orifice and differential surge tanks
19.	IS 7396 ( Part 2 ) : 1985	Criteria for hydraulic design of surge tanks Part 2 Tail race surge tanks
20.	IS 7396 ( Part 3 ) : 1990	Criteria for hydraulic design of surge tanks Part 3 Special surge tanks
21.	IS 7396 ( Part 4 ) : 1983	Criteria for Hydraulic Design of Surge Tanks - Part 4 Multiple Surge Tanks
22.	IS 7563 : 1986	Code of practice for structural design of cut and cover concrete conduits
23.	IS 9761 : 1995	Hydropower Intakes - Criteria for Hydraulic Design
24.	IS 11105 : 2004	Design and Construction of Tunnel Plugs - Code of Practice
25.	IS 11625 : 1986	Criteria for Hydraulic Design of Penstocks
26.	IS 11639 ( Part 1 ) : 1986	Criteria for structural design of penstocks Part 1 Surface penstocks
27.	IS 11639 ( Part 2 ) : 1995	Structural Design of Penstocks - Criteria - Part 2 Buried Embedded Penstocks in Rock
28.	IS 12967 ( Part 1 ) : 1990 ISO 12967-1 : 2009	Analysis of hydraulic transients in hydro-electric and pumping plants - Code of practice Part 1 Criteria for analysis

SI. No.	IS No.	TITLE
29.	IS 16173 : 2014	Criteria for Hydraulic Design of Sediment Removal Devices for Hydro Power Projects

निदेशक (बिक्री) /निदेशक (प्रकाशन)/निदेशक (पुस्तकालय) से अनुरोध है कि वे उपरोक्त भारतीय मानकों पर पुनः पुष्टिकरण के वर्ष की स्थापना के लिए उचित कार्यवाही करें । Director (Sales)/ DPT/ D(Pub) & Director (Library) may kindly take suitable action for affixing the year or reaffirmation of the above mentioned standards.

(रचना सहगल) (Rachna Sehgal )

वैज्ञानिक 'एफ' एवं प्रमुख (ज.सं.वि.) Scientist 'F' (WRD)

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