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GIDROUZELDA REYKALARNING JOYLASHUVI

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“Gidrotexnik inshootlar va nasos stansiyalari” kafedrasida dotsenti.

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Annotatsiya. Ushbu maqola kanallarda o’rnatilgan reykalarining masofasi va qancha masofadan keyin joylashtirish kerakligi haqida ma’lumotlar berilgan. Suv sathlarini qancha vaqtda o’lchab borish bo’yicha ko’rsatmalar berilgan. Gidrologik kuzatish joylarida suv sathlarini kuzatish vaqtlari maqolada tegishli xulosalar berilgan.

Kalit soʻzlar: Reyka, kanal, o’zan, gidropost, bief, zatvor, rizberma, sath.

PLACEMENT OF RAILS IN HYDROUSEL

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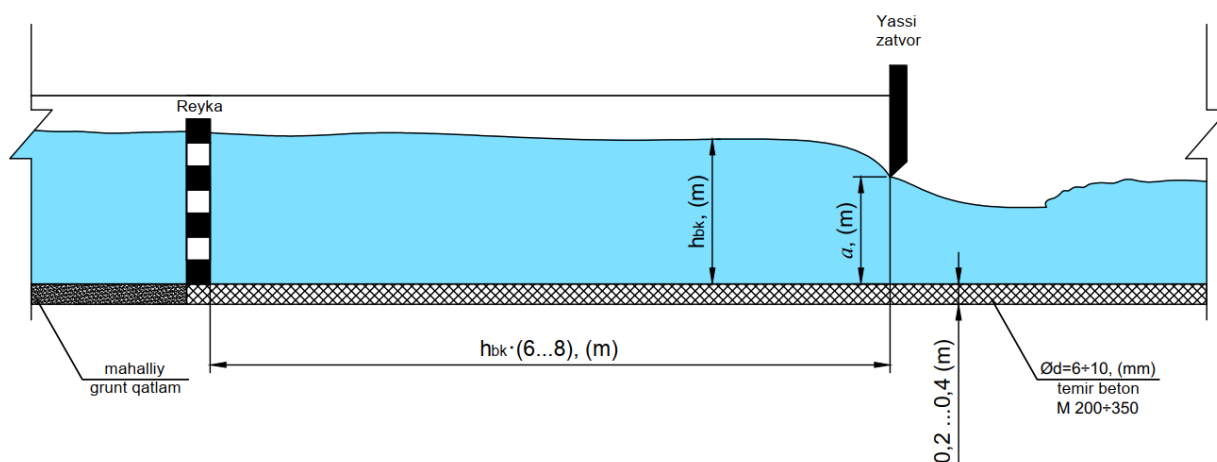
Annotation. This article provides information about the distance of the rails installed in the channels and how far they should be placed. Instructions on how often to measure water levels are given. Relevant conclusions are given in the article about the time of observing water levels at hydrological monitoring sites.

Keywords: Reika, canal, uzan, hydropost, bief, zatvor, rizberma, level.

Suv o'lchash joydagi ishlar kuzatuvchi va gidrotexnik tomonidan bajariladi. Suv o'lchash joyi jihozlanishiga qarab 4 turga bo'linadi.

1. Oddiy (reykali, svayli aralash).
2. Ma'lumotni uzatuvchi.
3. O'zi yozgich.
4. Suv sathini uzluksiz yoki ma'lum muddatlarda qayd etuvchi masofadan o'lchovchi.

Oddiy va ma'lumotlarni kuzatuvchi suv o'lchash joylarida maksimal va minimal suv sathlarini o'lchash uchun svayda o'rnatilgan po'lat quvurlar ichiga o'rnatilgan maksimal reyka, burama uchli maksimal reyka, Gidrotexnika inshootlar bo'g'ini yuqori va pastki biefi gidropostlar bilan jixozlanadi. Inshootning yuqori biefiga o'rnatiladigan reyka ya'ni bosh kanal inshootidagi zatvorlardan $h_{bk} \cdot (6...8)$ m uzoqlikda o'rnatiladi (1-rasm).



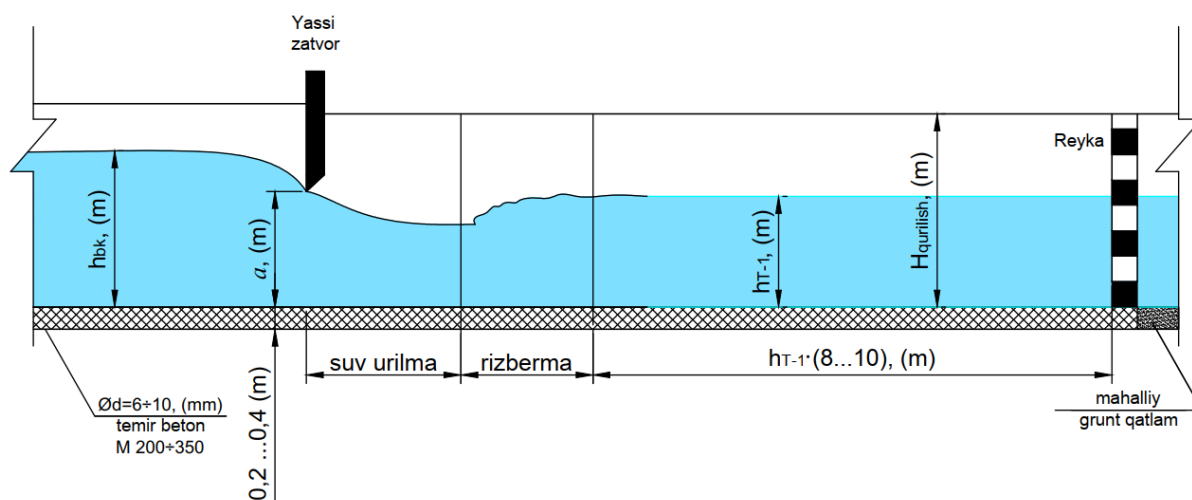
1-rasm. Kanalning yuqori bief ko'rinishi.

Bu yerda:

h_{bk} , (m) - bosh kanalning maksimal chuqurligi;

a , (m) - zatvor ko'tarish balandligi.

Pastki biefda esa reyka rizberma tugagan nuqtadan $h_{bk} \cdot (8...10)$ m masofada qurilgan o'zgarmas o'zanga o'rnatiladi (2-rasm).



2-rasm. Kanalning pastki bief ko'rinishi.

Bu yerda:

h_{T-1} , (m) – T-1 kanalning maksimal chuqurligi;

$h_{qurilish}$ (m) – kanalning qurilish balandligi;

a , (m) - zatvor ko'tarish balandligi.

hisoblashda foydalaniladi. Reyka yuqoridagi ko'rsatilgan masofalarda joylashtirilsa suv sathi aniqroq olingan hisoblanadi chunki bunday masofada kanaldagi oqim barqaror bo'ladi.

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