

COOLING CIRCUITS FOR CMS SURFACE TESTS

Mixed water circuit

Electronic Racks / Counting Room (Ex-OPAL Barracks)

- tap water quality
- “mixed” temperature

Primary water circuit

Power converters (SHL)

- tap water quality
- warm temperature

Vacuum pumps

- tap water quality
- warm temperature

⇒ Planning of run?

Demineralized water circuit (with Aluminum)

Busbars

MB

ECAL

- de-ionized water quality
- mixed temperature

Demineralized water circuit (with Copper)

HB-, HE-, HO-RBX

ME

Yoke / Vactank

- de-ionized water quality
- mixed temperature

Other

HB (Alcoves)

- tap water quality

