

Name of organization Norwegian University of Science and Technology - NTNU		Year of information updating 2024
Year established 1910		Year of joining the ITTC 2024
Address Paul Fjermstadsv. 59, Trondheim, Norway		Status in the ITTC
Contact details (phone, fax, e-mail) Sverre Steen, +47 93406429, sverre.steen@ntnu.no		Website https://www.ntnu.edu/web/marine1/marit/experimental-laboratory/-/asset_publisher/hj4M/content/-lilletanken-small-towing-tank
Type of facility Small towing tank	Year constructed/updated 1950	
Name of facility Lilletanken	Location (if different from the above address)	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top) L x B x D = 25m x 2.8m x 1m		
Drawings of facility Top-view plan Corss-section-view plan		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.) Main carriage: Max. speed 2 m/s, max acceleration 1 m/s ² Wavemaker: Single flap electrically actuated, regular and irregular waves up to height 0.3 m, wave period range 0.25-3 sec. Flap can be modified to piston-type motion for shallow water testing. Tank allows for reducing water level. Optical position measurement system. Tankequipped with pit with dimensions 1x1x1 m, positioned 15 m from the wave maker.		

Applications (Tests performed)

Resistance test

Added resistance tests

Tests of ocean structures of different types.

Published description (Publications on this facility)