

Id: LAVOC	Halle-fosse	Lausanne
Institution: Laboratoire des Voies de Circulation (LAVOC) Environnement Naturel, Architectural et Construit (ENAC) Ecole Polytechnique Federale de Lausanne (EPFL)		Switzerland

Type: Linear Test Track

Construction (commissioned): 1976



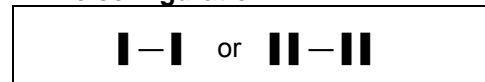
Dimensions

Pavement length	4 m
Useful testing length (at constant speed)	2 m

Loading

Range of Load	0-140 kN
Transverse distribution	± 400 mm
Loading direction	↔

Axle configuration



Speed

Vehicle Speed (max.)	12 km/h
Test frequency (max.) (passes/hour/section)	2000
Practical output (loadings/month/section)	400 000

Sections

No. of Sections	3
Thickness	2000 mm
Width	4000 mm

Measured Variables

	Surface	Asphalt	Unbound Layers	Subgrade
Temperature	x	x	x	x
Moisture content				
Suction				
Deflection (transient)	x			
Vertical Stress				
Horizontal Stress				
Vertical Strain			x	x
Horizontal Strain		x		

Environmental control

Placement	Indoors
Air temperature	©
Pavement temperature	©
Air moisture	-
Freeze-thaw cycles	©
Water table	@
Rainfall	-

- © total control
- @ partial control
- @* indirect control (air Temp)
- ® registered

Contact people:

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