

Rapport Registrering Laserskanning Høst

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Registration Diagnostics
Status: VALID Registration
Mean Absolute Error:
  for Enabled Constraints = 0.003 m
  for Disabled Constraints = 0.000 m
Date: 2021.05.08 17:47:52
Database name : Flean_prosjekt_2

ScanWorlds
Station-001: SW-001 (Leveled)
Station-002: SW-002 (Leveled)

Constraints
Constraint ID ScanWorld ScanWorld Type Status Weight Error Error Vector Horz Vert
b Station-001: SW-001 (Leveled) Station-002: SW-002 (Leveled) Coincident: Vertex - Vertex On 1.0000 0.001 m (0.001 . 0.001, 0.000) m 0.001 m 0.000 m
a Station-001: SW-001 (Leveled) Station-002: SW-002 (Leveled) Coincident: Vertex - Vertex On 1.0000 0.003 m (0.001 . 0.001, 0.002) m 0.001 m 0.002 m
Cloud/Mesh 1 [Station-001: SW-001 (Leveled) Station-002: SW-002 (Leveled)] Cloud: Cloud/Mesh - Cloud/Mesh On 1.0000 0.006 m signed [0.018 m]

Objective Function Value: 0.000284187 sq m
Iterations: 39
Overlap Point Count: 185663
Overlap Error Statistics
RMS: 0.018278 m
AVG: 0.0146453 m
MIN: 2.32851e-07 m
MAX: 0.0498797 m
Overlap Center: (-4.910, 6.281, 3.001) m
Error after global registration: 2.51619e-05 sq m
Translation: (-27.007, 16.171, 5.545) m
Rotation: (-0.0001, -0.0001, 1.0000):81.167 deg

ScanWorld Transformations
Station-001: SW-001 (Leveled)
translation: (0.000, 0.000, 0.000) m
rotation: (0.0000, 1.0000, 0.0000):0.000 deg

Station-002: SW-002 (Leveled)
translation: (-27.012, 16.167, 5.544) m
rotation: (0.0000, 0.0000, 1.0000):81.169 deg

Unused ControlSpace Objects
Station-001: SW-001 (Leveled):
Vertex : unlabeled
Vertex : TargetID : Station-001
Vertex : TargetID : c
Vertex : TargetID : tt1
Vertex : TargetID : tt2
Vertex : TargetID : tt3

Station-002: SW-002 (Leveled):
Vertex : unlabeled
Vertex : TargetID : tt1
Vertex : TargetID : tt2
Vertex : TargetID : tt3
```