

Tool List for installation of TRCM - LHDA Matsoku Weir

Essential Equipment

- Mobile crane
- Cherry picker or scaffolding
- Impact wrench
- Torque wrenches with capacities of 650 Nm, 360 Nm, and 180 Nm
- Chalk line, snap line, or measuring line (25 meters)



- Leveling instrument
- Drilling machine for concrete with drill bits of 18mm, 14mm, and 10mm
- Lever hoist (2 tons and 3 tons)



Lifting and Rigging Accessories

- Roundslings:
 - 4 units, 3 tons capacity, 5 meters each
 - 2 units, 5 tons capacity, 3 meters each



Tool Box and Hand Tools

A complete tool box is required. This should include:

- Spanners
- Wrenches and nuts in all standard sizes
 - For electrical works the following wrenches and nuts are essential:
 - Socket wrench (size 7.8) or ratchet (size 7, 8)
 - Torx wrenches (sizes T20 and T25)
- Screwdrivers (including flat-head screwdriver)
- Pliers
- Cable ties
- Side cutters



Additional Tools for Site Work

- Small angle grinder (125 mm)
- Drilling machine
- Cable drum
- Aluminum hammer
- Set of Allen keys (1–12 mm)
- All necessary tools and materials for concrete work on the rails