Logistics and equipment operation

R.482 — Construction plant (cat. A to G)

Three days to operate construction plant safely, from compact machines to rough-terrain trucks. Recommendation R.482 is the framework: categories A to G, stability on slopes and at excavation edges, underground and overhead services, site traffic, then driving on your own machines and ground. A theory test and a practical test for each category allow the employer to issue the driving authorisation with full knowledge of the facts.

Duration : 3 days

Objectives

1. Match each machine on site to its R.482 category, from A to G
2. Assess machine stability according to slope, cross-slope, ground type and load at the end of the arm
3. Locate underground and overhead services and organise work close to them
4. Carry out start-of-shift checks and make the machine safe at the end of the shift
5. Carry out the work specific to their category in coactivity with pedestrians and other machines

Programme

Day 1 — morning

• Typical accidents: overturning, pedestrian crushed, burial in an excavation, contact with a service

• Roles of the employer, the site manager and the operator; medical fitness and driving authorisation

• Categories A (compact machines), B (excavation, drilling, road-rail), C (loading, grading, levelling), D (compaction), E (transport), F (rough-terrain trucks), G (driving outside production)

• Exercise: classify the machines in your fleet or on your site

Day 1 — afternoon

• Technology: engine, transmission, hydraulic circuit, work equipment, quick coupler

• Stability: slope, cross-slope, excavation edge, load at the end of the arm, travelling with the load raised

• Safety devices: cab protective structure, seat belt, warning devices, cameras and mirrors

• Underground and overhead services: plans, locating, distances, what to do after striking one

Day 2 — morning

• Start-of-shift checks: fluid levels, hoses, tyres or tracks, tools, lighting

• Site traffic: traffic plan, haul roads, reversing, pedestrian zones

• Working with a signaller: standard hand signals, eye contact, immediate stop

• Loading and transporting a machine on a machine transporter

Day 2 — afternoon

• Familiarisation: starting, moving on varied ground, stopping

• Work of the category: earthmoving, loading a lorry, spreading, compaction or rough-terrain handling

• Working at the edge of a trench and an embankment

• End of shift: tool on the ground, machine chocked, switched off and key removed

Day 3 — morning

• Precision exercises on your ground: embankment, trench, loading a lorry
• Working in coactivity with other machines and teams on foot
• Driving outside production: moving, loading onto a machine transporter, demonstration
• Correcting the errors observed during the exercises

Day 3 — afternoon (workshop)

• Theory test: regulations, stability, services, traffic
• Practical test by category on a course defined with the site manager
• Feedback on the assessment grids
• Handover of attestations and of the driving authorisation template

Teaching methods

• Driving on your own machines, on your site or quarry, in real ground conditions
• Exercises working with a signaller, with roles swapped
• Reading the service plans and the instructions of your site
• Delivered in Darija or French, adapted to site teams

Assessment and documents

A theory test and a practical test for each category, scored on a grid, and an end-of-course evaluation at D+1. A named attestation per category and a numbered training certificate that can be verified online. The company receives the training report, the test grids and a driving authorisation template; it is the employer who issues the authorisation.

Bilingual materials for every participant; each classroom course comes with its digital twin on OmniLearn.

Good to know

The R.482 attestation is valid for 10 years, against 5 years for the other recommendations; the “Equipment operation refresher (all recommendations)” course renews it. The programme is built over three days; the number of categories covered depends on the machines actually used.

Practical information

Duration	3 days
Audience	Operators of construction, quarry and civil engineering plant, beginners or already in post
Prerequisites	Medical fitness to drive, obtained beforehand
Group size	Groups of 6 to 12 participants, in-company
Format	In-company, face to face on your site
Language	French, Darija or English; bilingual materials
Funding	OFPPT special training contracts (TFP), GIAC, Maroc PME: we prepare the applications with you, at no extra cost.
Programme customisation	Programme adapted to your procedures, your equipment and your audience

Frequently asked questions

Does a telehandler fall under R.482 or R.489?

Rough-terrain handling trucks, including the telehandlers used on construction sites, fall under category F of R.482. Industrial trucks used in warehouses fall under R.489. We classify your machines with you before the session.

Can several categories be trained at the same time?
Yes, provided the machines are available and each participant has time to drive each one. The practical test remains separate for each category.

Do we need a particular site?
Your own site or quarry is enough, with an area separated from production for the first exercises. We define it with the site manager and the safety manager.