



**TECHNOLOGIES
SOUTH AFRICA**

TARGET GROUP

Operators, operator instructors, technicians, riggers

THEORY

Increased safety awareness, operating safety and efficiency (higher production output)

Reduction in equipment downtimes

Decreased repair costs

Equipment

Line of products

Main components and functions description

Safety

Safety on job sites

Safety for operators and drilling assistants

Safety of equipment

Inadmissible working modes

Equipment operation

Rigging and de-rigging, V- and H-types

Daily inspection before start-up

Moving of the rig on the job site

Loading/Unloading of the equipment

Equipment technology/engineering

Electric - basics

Hydraulic - basics

Equipment documentation

Instruction manual

Drilling methods, drilling tools and soil mechanics

Drilling methods overview, differences

Drilling tools

Kelly bars

Soil mechanics, basics

Soil conditions, choice of drilling methods

Previous knowledge

Previous knowledge as well as English reading and writing skills are mandatory.

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