

## Rock-Drill-Inspection-Checklist

The following pages contain a few sample reports for quarry rock drills excavators. The visible reports are not the latest version of the Mevas blast hole rock drill inspection checklist. However, it is possible to see the general structure of inspections forms for hydraulic driven vertical rock drills with in-hole hammer or top hammer version.

The rock drill inspection forms are used for inspection purposes for used machinery. It is a guide for the inspector when he is on site for inspection. It is a guide for the buyer of equipment to see which items have been checked.

The inspection list is a guide for inspector to follow the standard inspection process.

On machines with Caterpillar engines we can usually access the internal computer for verification of machine hour level.

If you need more info about global rock drill inspection by Mevas you can contact us via our website [www.mevas.eu](http://www.mevas.eu)




<https://www.mevas.eu/landing/rock-drill-inspection.html>

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña/Spain</i>	vers 06/13	
brand/make:	<i>Ingersoll Rand</i>		
machine / type:	<i>ECM-660 II</i>	Total hours:	<i>9976</i>
Serial No.:	<i>Y009104AE</i>	Drill hours:	<i>3016</i>
Inspector:	<i>J.</i>	machine year:	<i>Not verified</i>
CE <input type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer <input checked="" type="checkbox"/>	
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Cracked front glass</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Missing</i>
aircon / heat	<i>Not functional</i>	structure	<i>Good</i>
<b>engine</b>	<i>Cummins</i>	fluid levels	<i>Good</i>
leaks	<i>Good</i>	noises	<i>Good</i>
oil condition	<i>Black</i>	blow by	<i>Moderate</i>
exhaust	<i>Good</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Bent rear. Surface rust</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Good</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Missing steps</i>	carousel	<i>Good</i>
boom	<i>Good</i>	rods	<i>Not equipped</i>
mast	<i>Weld repair</i>	lights	<i>Functional</i>
hammer	<i>Good</i>	paintwork	<i>Scratches, chips.</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>Steel braid exposure</i>	boom cylinders	<i>Good</i>
swivel		undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Good</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Good</i>
boom & mast	<i>Extension not functional</i>	hammer	<i>Good</i>
clamps	<i>Good</i>	drive train	<i>Good</i>
carousel	<i>Good</i>	electrics	<i>Jumping start</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Visible wear</i>	drill rods	<i>Not equipped</i>
clamps	<i>Visible wear</i>	hammer	<i>Visible wear</i>
<b>U/C</b>	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L/R-23mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L/R-330mm</i>
<b>problems, details, component history</b>			
<i>Low hydraulic oil level</i>			
<i>Seepage hydraulic oil tank</i>			
<i>Not functional boom extension</i>			
<a href="https://www.mevas.eu/landing/rock-drill-inspection.html">https://www.mevas.eu/landing/rock-drill-inspection.html</a>			
dimensions for transport L x W x H in meter:			

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña/Spain</i>	vers 06/13	
brand/make:	<i>Atlas Copco</i>		
machine / type:	<i>F7-11</i>	Total hours:	<i>16622</i>
Serial No.:	<i>AVO 97A503/8992000421</i>	Drill hours:	
Inspector:	<i>J.</i>	machine year:	<i>1997</i>
CE <input checked="" type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer <input checked="" type="checkbox"/>	
<b>operator cab</b>		cab door	<i>Weld repair</i>
seat	<i>Good</i>	windows	<i>Good</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Missing</i>
aircon / heat	<i>Not functional</i>	structure	<i>Good</i>
<b>engine</b>	<i>Mercedes</i>	fluid levels	<i>Good</i>
leaks	<i>Good</i>	noises	<i>Good</i>
oil condition	<i>Thick</i>	blow by	<i>Moderate</i>
exhaust	<i>Rusty</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Missing bottom</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Good</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Good</i>	carousel	<i>Good</i>
boom	<i>Good</i>	rods	<i>Not equipped</i>
mast	<i>Good</i>	lights	<i>Good</i>
hammer	<i>Missing bolts</i>	paintwork	<i>Scratches</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>Steel braid exposure</i>	boom cylinders	<i>Good</i>
swivel		undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Good</i>	boom swing	
<b>functional test</b>		air compressor	<i>No air flow on hammer</i>
boom & mast	<i>Good</i>	hammer	<i>Good</i>
clamps	<i>Good</i>	drive train	<i>Seepage right hydr. Motor</i>
carousel	<i>Good</i>	electrics	<i>Jumping start</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Good</i>	drill rods	
clamps	<i>Good</i>	hammer	<i>Good</i>
<b>U/C</b>	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L/R-17mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L/R-330mm</i>
<b>problems, details, component history</b>			
<i>Not functional drill computer</i>			
<i>Broken two sensors on mast</i>			
<b>Mevas Rock Drill Inspections</b>			
dimensions for transport L x W x H in meter:			

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña/Spain</i>	vers 06/13	
brand/make:	<i>Tamrock</i>		
machine / type:	<i>Ranger 700</i>	Total hours:	<i>11851</i>
Serial No.:	<i>99AT030</i>	Drill hours:	<i>5719</i>
Inspector:	<i>J.</i>	machine year:	<i>1999</i>
CE <input checked="" type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer <input checked="" type="checkbox"/>	
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Cracked front glass</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Good</i>
aircon / heat	<i>Cold</i>	structure	<i>Good</i>
<b>engine</b>		fluid levels	<i>Good</i>
leaks	<i>Good</i>	noises	<i>Good</i>
oil condition	<i>Thick</i>	blow by	<i>Moderate</i>
exhaust	<i>Good</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Good</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Good</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Good</i>	carousel	<i>Good</i>
boom	<i>Plated</i>	rods	<i>Not equipped</i>
mast	<i>Plated</i>	lights	<i>Good</i>
hammer	<i>Good</i>	paintwork	<i>Scratches, chips</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>Some field repaired</i>	boom cylinders	<i>Good</i>
swivel	<i>Good</i>	undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Fluid accumulation</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Good</i>
boom & mast	<i>Some play on boom bottom p</i>	hammer	<i>Good</i>
clamps	<i>Good</i>	drive train	<i>Seepage on right hydr.motor</i>
carousel	<i>Good</i>	electrics	<i>Jumping start</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Noticable</i>	drill rods	<i>Not equipped</i>
clamps	<i>Good</i>	hammer	<i>Good</i>
<b>U/C</b>			
	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L/R-40mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L/R-310mm</i>
<b>problems, details, component history</b>			
<i>Track tension to be adjusted.</i>			
dimensions for transport L x W x H in meter:			

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña/Spain</i>	vers 06/13	
brand/make:	<i>Ingersoll Rand</i>		
machine / type:	<i>ECM-660 II</i>	Total hours:	<i>9976</i>
Serial No.:	<i>Y009104AE</i>	Drill hours:	<i>3016</i>
Inspector:	<i>J.</i>	machine year:	<i>Not verified</i>
CE <input type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer <input checked="" type="checkbox"/>	
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Cracked front glass</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Missing</i>
aircon / heat	<i>Not functional</i>	structure	<i>Good</i>
<b>engine</b>		fluid levels	<i>Good</i>
leaks	<i>Good</i>	noises	<i>Good</i>
oil condition	<i>Black</i>	blow by	<i>Moderate</i>
exhaust	<i>Good</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Bent rear. Surface rust</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Good</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Missing steps</i>	carousel	<i>Good</i>
boom	<i>Good</i>	rods	<i>Not equipped</i>
mast	<i>Weld repair</i>	lights	<i>Functional</i>
hammer	<i>Good</i>	paintwork	<i>Scratches, chips.</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>Steel braid exposure</i>	boom cylinders	<i>Good</i>
swivel		undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Good</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Good</i>
boom & mast	<i>Extension not functional</i>	hammer	<i>Good</i>
clamps	<i>Good</i>	drive train	<i>Good</i>
carousel	<i>Good</i>	electrics	<i>Jumping start</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Visible wear</i>	drill rods	<i>Not equipped</i>
clamps	<i>Visible wear</i>	hammer	<i>Visible wear</i>
<b>U/C</b>			
	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L/R-23mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L/R-330mm</i>
<b>problems, details, component history</b>			
<i>Low hydraulic oil level</i>			
<i>Seepage hydraulic oil tank</i>			
<i>Not functional boom extension</i>			
dimensions for transport L x W x H in meter:			

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña</i>	vers 06/13	
brand/make:	<i>Atlas Copco</i>		
machine / type:	<i>L6-44-H</i>	Total hours:	<i>6593</i>
Serial No.:	<i>AVO 06A 1011/8992 0035 18</i>	Drill hours:	
Inspector:	<i>J.</i>	machine year:	<i>2006</i>
CE <input checked="" type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input checked="" type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input checked="" type="checkbox"/>	tophead hammer	<input type="checkbox"/>
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Good</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Good</i>
aircon / heat	<i>Not functional</i>	structure	<i>Good</i>
<b>engine</b>	<i>CAT engine</i>	fluid levels	<i>Good</i>
leaks	<i>Good</i>	noises	<i>Good</i>
oil condition	<i>Thick</i>	blow by	<i>Moderate</i>
exhaust	<i>Good</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Missing bottom.Bent bottom</i>
chassis	<i>Good</i>	dust collector	<i>Dented</i>
engine doors	<i>Good</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Good</i>	carousel	<i>Good</i>
boom	<i>Good</i>	rods	<i>Not equipped</i>
mast	<i>Good</i>	lights	<i>Good</i>
hammer	<i>Rotation unit only.Good</i>	paintwork	<i>Scratches</i>
<b>hydraulics</b>		clamp cylinders	<i>Seepage</i>
hoses & lines	<i>Good</i>	boom cylinders	<i>Good</i>
swivel		undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Good</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Seepage</i>
boom & mast	<i>Good</i>	hammer	<i>Good</i>
clamps	<i>Good</i>	drive train	<i>Seepage L/R drive motors</i>
carousel	<i>Good</i>	electrics	<i>Jumping start</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Wear on removable parts</i>	drill rods	<i>Not equipped</i>
clamps	<i>Good</i>	hammer	<i>Not equipped</i>
<b>U/C</b>	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L/R-23mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L/R-350mm</i>
<b>problems, details, component history</b>			
<i>Not functional air flow on drilling unit</i>			
<i>Not functional mast lean cylinder</i>			
dimensions for transport L x W x H in meter:			

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña, Spain</i>	vers 06/13	
brand/make:	<i>Atlass Copco</i>		
machine / type:	<i>D7-11</i>	Total hours:	<i>9465</i>
Serial No.:	<i>AVO 04A561/8992 0027 74</i>	Drill hours:	
Inspector:	<i>J.</i>	machine year:	<i>2004</i>
CE <input checked="" type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer <input checked="" type="checkbox"/>	
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Good</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Good</i>
aircon / heat	<i>Not functional</i>	structure	<i>Good</i>
<b>engine</b>	<i>CAT Engine</i>	fluid levels	<i>Good</i>
leaks	<i>Seepage, inside zone</i>	noises	<i>Good</i>
oil condition	<i>Black</i>	blow by	<i>Moderate</i>
exhaust	<i>Good</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Damaged compressor cover</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Bent door</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Good</i>	carousel	<i>Good</i>
boom	<i>Weld repair</i>	rods	<i>Not equipped</i>
mast	<i>Good</i>	lights	<i>Some not working</i>
hammer	<i>Missing oil line bolts</i>	paintwork	<i>Scratches, chips</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>Seepage on boom zone.</i>	boom cylinders	<i>Good</i>
swivel		undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Good</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Good</i>
boom & mast	<i>Good</i>	hammer	<i>Not tested, el.switch broken</i>
clamps	<i>Good</i>	drive train	<i>Good</i>
carousel	<i>Good</i>	electrics	<i>Jump starting</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Heavy wear</i>	drill rods	<i>Not equipped</i>
clamps	<i>Some play</i>	hammer	<i>Not checked</i>
<b>U/C</b>	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L-28mm/R-28mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L-305mm/R-305mm</i>
<b>problems, details, component history</b>			
<i>Some play on mast pivot shaft</i>			
<i>Some track shoes are missing</i>			
dimensions for transport L x W x H in meter:			

<b>Inspection Report Quarry Rock Drill</b>		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Ocaña/Spain</i>	vers 06/13	
brand/make:	<i>Ingersoll Rand</i>		
machine / type:	<i>CM 780D</i>	Total hours:	<i>8585</i>
Serial No.:	<i>C78259GL</i>	Drill hours:	<i>4223</i>
Inspector:	<i>J.</i>	machine year:	<i>2003</i>
CE <input checked="" type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input checked="" type="checkbox"/>	tophead hammer <input type="checkbox"/>	
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Good</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Good</i>
aircon / heat	<i>Cool</i>	structure	<i>Good</i>
<b>engine</b>	<i>CAT engine</i>	fluid levels	<i>Good</i>
leaks	<i>Attached side pump</i>	noises	<i>Good</i>
oil condition	<i>Black</i>	blow by	<i>Moderate</i>
exhaust	<i>Good</i>	belts	<i>Good</i>
smoke	<i>Good</i>	cooling system	<i>1)</i>
<b>visual inspection exterior</b>		covers	<i>Good</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Good</i>	air hoses	<i>Good</i>
steps, hand rails	<i>Good</i>	carousel	<i>Good</i>
boom	<i>Good</i>	rods	<i>Good,5 rods</i>
mast	<i>Good</i>	lights	<i>Good</i>
hammer	<i>Good</i>	paintwork	<i>Good</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>Good</i>	boom cylinders	<i>Good</i>
swivel		undercarriage cyl.	<i>Good</i>
pump and valve bloc	<i>Good</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Good</i>
boom & mast	<i>Good</i>	hammer	<i>Good</i>
clamps	<i>Good</i>	drive train	<i>Good</i>
carousel	<i>Good</i>	electrics	<i>Good</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>Minor</i>	drill rods	<i>Minor</i>
clamps	<i>Minor</i>	hammer	<i>Good</i>
<b>U/C</b>	<b>remaining life %</b>		
bushings	<i>Good</i>	track links	<i>Good</i>
shoes	<i>L/R-23mm</i>	sprockets	<i>Good</i>
idlers	<i>Good</i>	rollers	<i>Good</i>
carrier rollers	<i>Good</i>	shoe width in mm:	<i>L/R-350mm</i>
<b>problems, details, component history</b>			
<i>Damaged bottom boom pin</i>			
<i>1) Temp gauge near red zone during the inspection</i>			
dimensions for transport L x W x H in meter:			



Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	BSS	vers 06/13	
brand/make:			
machine / type:	Pantera 1500	Total hours:	4046
Serial No.:	107T11374-1	Drill hours:	
Inspector:		machine year:	
CE <input type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer	<input checked="" type="checkbox"/>
<b>operator cab</b>		cab door	good
seat	good	windows	front has a crack
switches	4)	wipers	touching the cab guard 8)
gauges	good	floor mats	good
aircon / heat	AC does not work	structure	good
<b>engine</b>	CAT C11 GLS01804	fluid levels	good
leaks	slight on front side	noises	normal
oil condition	good	blow by	normal
exhaust	clamp on muffler missing	belts	good
smoke	good	cooling system	good
<b>visual inspection exterior</b>		covers	2)
chassis	good	dust collector	not operating
engine doors	5)	air hoses	worn, replacment required
steps, hand rails	good	carousel	working
boom	good	rods	none present
mast	good	lights	good
hammer	working	paintwork	partially repainted
<b>hydraulics</b>		clamp cylinders	slight seepage upper cyl.
hoses & lines	6)	boom cylinders	2 slightly leaking
swivel	N/A	undercarriage cyl.	good
pump and valve bloc	leaks on valves LHS	boom swing	good
<b>functional test</b>		air compressor	good 3)
boom & mast	good	hammer	working
clamps	1)	drive train	good
carousel	working	electrics	
drill	working		
<b>wear evaluation</b>		carousel	
mast slides	weld repaired, still OK	drill rods	
clamps	good	hammer	
<b>U/C</b>	<b>remaining life %</b>		
bushings	worn, 0% remaining	track links	40%
shoes	40%	sprockets	30%
idlers	50%	rollers	40%
carrier rollers	40%	shoe width in mm:	300mm
<b>problems, details, component history</b>			
2) top cover hoods bent and hard to open			
4) knob for drill speed missing, knob for air speed lose			
6) some hoses are chafed, some are slightly leaking			
General comment: The machine looks more worn than for 4000 hours but the engine controller confirms hour level. There are many chafed and leaking hoses. The undercarriage needs new chains. The dust collector does not work and hoses need replacement.			
dimensions for transport L x W x H in meter:			

Inspection Report Quarry Rock Drill		<a href="http://www.mevas.eu">www.mevas.eu</a>	
date/location	<i>Schalkaar</i>	vers 06/13	
brand/make:			
machine / type:	<i>CM780D</i>	Total hours:	<i>9786</i>
Serial No.:	<i>G78244ML</i>	Drill hours:	<i>5404</i>
Inspector:	<i>B.</i>	machine year:	<i>2003</i>
CE <input checked="" type="checkbox"/>	air con <input checked="" type="checkbox"/>	air compressor <input checked="" type="checkbox"/>	water pump <input type="checkbox"/>
auto lube <input checked="" type="checkbox"/>	rod carousel <input checked="" type="checkbox"/>		Parts book <input type="checkbox"/> Op-Manual <input type="checkbox"/>
stabilizer blade <input type="checkbox"/>	in hole hammer <input type="checkbox"/>	tophead hammer	<input checked="" type="checkbox"/>
<b>operator cab</b>		cab door	<i>Good</i>
seat	<i>Good</i>	windows	<i>Good</i>
switches	<i>Good</i>	wipers	<i>Good</i>
gauges	<i>Good</i>	floor mats	<i>Good</i>
aircon / heat	<i>A/C belt lose, low performance</i>	structure	<i>Good</i>
<b>engine</b>	<i>CAT C12</i>	fluid levels	<i>Good</i>
leaks	<i>1)</i>	noises	<i>Good</i>
oil condition	<i>Good</i>	blow by	<i>Good</i>
exhaust	<i>Good</i>	belts	<i>AC Lose</i>
smoke	<i>Good</i>	cooling system	<i>Good</i>
<b>visual inspection exterior</b>		covers	<i>Good</i>
chassis	<i>Good</i>	dust collector	<i>Good</i>
engine doors	<i>Good</i>	air hoses	<i>2)</i>
steps, hand rails	<i>Good</i>	carousel	<i>Good</i>
boom	<i>Good</i>	rods	<i>Good</i>
mast	<i>Good</i>	lights	<i>Good</i>
hammer	<i>good</i>	paintwork	<i>Good</i>
<b>hydraulics</b>		clamp cylinders	<i>Good</i>
hoses & lines	<i>3)</i>	boom cylinders	<i>slight leak</i>
swivel	<i>Good</i>	undercarriage cyl.	<i>LHS slight leak</i>
pump and valve bloc	<i>Good</i>	boom swing	<i>Good</i>
<b>functional test</b>		air compressor	<i>Good</i>
boom & mast	<i>Good</i>	hammer	<i>working</i>
clamps	<i>Good</i>	drive train	<i>Good</i>
carousel	<i>Good</i>	electrics	<i>Good</i>
drill	<i>Good</i>		
<b>wear evaluation</b>		carousel	<i>Good</i>
mast slides	<i>1)</i>	drill rods	<i>Good</i>
clamps	<i>Good</i>	hammer	<i>good</i>
<b>U/C</b>	<b>remaining life %</b>		
bushings	<i>60 %</i>	track links	<i>60 %</i>
shoes	<i>60 %</i>	sprockets	<i>60 %</i>
idlers	<i>60 %</i>	rollers	<i>60 %</i>
carrier rollers	<i>60 %</i>	shoe width in mm:	<i>360</i>
<b>problems, details, component history</b>	<i>1) slight leaking on accessory drive and on</i>		
	<i>2) dust collector and exit are bent but in operable condition. Some air hoses should be replaced.</i>		
	<i>Lifting chain need to be adjusted or shortened as it is lose.</i>		
	<i>The hammer was tested and is in working condition.</i>		
	<i>The machine is in structural good condition. Some smaller weld repairs are required. Several hydr. cylinders require sealing.</i>		
dimensions for transport L x W x H in meter:	<i>10,00 x 2,50 x 3,10</i>		