

EXISTING FACILITIES - ELECTRICAL AND MECHANICAL							
Description	Km 14	Macia	Dondo	Rio Save	Pemba	Pemba	Metoro
Date of site visit	7/19/2005	7/19/2005	7/21/2005	7/21/2005	7/26/2005	7/26/2005	7/26/2005
Weighbridge							
Maximum load	-	40 Ton	40 Ton	40 Ton	40 Ton	40 Ton	40 Ton
Electronic/Mechanical	-	Mechanical	Mechanical	Mechanical	Electronic	Mechanical	Electronic
Loadcell manufacturer	-	-	-	-	No detail available	-	No detail available
Loadcell serial No	-	-	-	-	No detail available	-	No detail available
Make	-	Cabral Balanzas	Cacaapuz Braga Portugal	Cabral Balanzas No. 318	Masskot	Cabral Balanzas No. 323	Masskot
Model No	-	AC/961	101FC - Rolana - No.1215	AC/961	MUC 50	AC/961	MUC 50
Deck length	-	10 m	10 m	10 m	5 m	10 m	5 m
Deck width	-	3.2 m	3.2 m	3.2 m	3.2 m	3.2 m	3.2 m
Above ground or pit	-	pit	pit	pit	Above ground	pit	Above ground
Sump pump	-	-	-	hand sump pump	n/a	-	n/a
Date installed	-	1972	1973	1972	2002	1972	2002
Date last calibrated	-	2002	2004	1980	2003	2000	2003
Calibrated by	-	Loja das Balazes	Casa das Balazes	-	Masskot - 011 873 5555	-	Masskot - 011 873 5555
Comments	No installation	Weighbridge mechanical	Weighbridge mechanical	Weighbridge mechanical	Weighbridge in good order, but	Weighbridge mechanical	Weighbridge in good order, but
Area lighting							
Installation height	-	8 m	8 m	10 m	-	-	-
Amount of area masts	-	12	-	20 single & 6 double luminaire	-	-	-
Luminaire size	-	150 W	150 W	150 W	-	-	-
Condition	-	Functional	Functional	Functional	-	-	-
Comments	No installation	Good condition	Good condition	Good condition. Operator	No area lighting. Install area	No area lighting. Install area	No area lighting. Install area
Electricity supply							
Transformer size	Building locked and could not	100 kVA	supplied from town	Supplied from town.	-	Supplied from town.	-
Transformer installed by	-	DESTA Power Matla	-	-	-	-	-
Transformer sn	-	DT 255/10	-	-	-	-	-
Transformer condition	-	Functional	-	-	-	-	-
Primary voltage	-	33 kV	-	-	-	-	-
Secondary voltage	-	230 V	230 V	230 V	230 V	230 V	230 V
Genset size	-	-	-	100 kVA & 100 kVA standby	-	-	-
Genset manufacturer	-	-	-	Newway power system - 011	-	-	-
Genset condition	-	-	-	Good condition	-	-	-
Comments	No installation	Transformer in good condition	Electricity supply in order	Electricity supply in order	Supply overhead power line	Electricity supply in order	Police use genset power from
Scale Building Electricity							
DB condition	-	Fed from Traffic official building	Fed from Traffic official building	-	-	Fed from town over line	-
Lighting condition	-	No installation	No installation	-	-	Dangerous	-
Socket outlet condition	-	No installation	No installation	-	-	Dangerous	-
Comments	No installation	Need to do a complete new	Need to do a complete new	Construct scale building around	Construct scale building in	Need to do a complete new	Construct scale building in
Traffic Official Building Electricity							
DB condition	Dangerous/bad	Dangerous/bad	Dangerous/bad	-	-	-	-
Lighting condition	No installation	No installation	No installation	-	-	-	-
Socket outlet condition	No installation	No installation	No installation	-	-	-	-
Comments	No installation	Need to do a complete new	Need to do a complete new	Part of greater police building.	-	Wooden hut, no electrical	-

EXISTING FACILITIES - ELECTRICAL AND MECHANICAL								
Description	Nakala	Nampula	Nicoadala	Tete	Vanduzi	Matola	Boane	Inchope
Date of site visit	7/26/2005	7/27/2005	02/08/2005	06/08/2005	06/08/2005	25/01/2006	25/01/2006	01/08/2005
Weighbridge								
Maximum load	-	40 Ton	40 Ton	40 Ton	40 Ton	57 Ton	57 Ton	50 Ton
Electronic/Mechanical	-	Mechanical	Mechanical	Mechanical	Mechanical	Electrical	Electrical	Electrical/Mechanical
Loadcell manufacturer	-	-	-	-	-	RPS	-	Revere Transducers
Loadcell serial No	-	-	-	-	-	-	-	K770672
Make	-	Cabral Balanzas	Cabral Balanzas	Cachapuz	Cachapuz	Klerkscale	Klerkscale	Klerkscale
Model No	-	AC/961	-	-	-	KD 100	KF 100	-
Deck length	-	10 m	10 m	10 m	10 m	22 m	22 m	4 m
Deck width	-	3.2 m	3 m	3 m	3 m	3.2 m	3.2 m	3.2 m
Above ground or pit	-	pit	pit	pit	pit	Above ground	Above Ground	pit
Sump pump	-	-	-	-	-	-	-	-
Date installed	-	1972	-	-	-	-	-	2003
Date last calibrated	-	-	>2002	2004	2002	2005	2005	2003
Calibrated by	-	-	-	Cabral Balanzas	-	Klerkscale	Klerkscale	Klerkscale
Comments	Exsiting pit, but no weighbridge	Weighbridge mechanical	Not able to inspect pit as	Deck rusted, plates damaged,	Deck rusted, plates damaged,	New installation done in 2005	New installation done in 2005	Not in use since installation
Area lighting								
Installation height	10 m	-	-	10 m	±7m	±6m	±6m	-
Amount of area masts	12	-	-	2 single luminaire	4	TBD	4	-
Luminaire size	125 W	-	-	150 W	150W	TBD	TBD	-
Condition	Working condition	-	-	Semi - functional	Functional	TBD	TBD	-
Comments	Good condition	No area lighting. Install area	No area lighting. Install area	Poor condition. At least 3	Area lights fixed to traffic office	TBD	TBD	Outside lighting provided on
Electricity supply								
Transformer size	Supplied from town.	No electricity supply	No electricity supply	Supplied from town.	Supplied from town.	TBD	TBD	Supplied from town.
Transformer installed by	-	-	-	-	-	TBD	TBD	-
Transformer	-	-	-	-	-	TBD	TBD	-
Transformer condition	-	-	-	-	-	TBD	TBD	Good
Primary voltage	-	-	-	-	-	TBD	TBD	-
Secondary voltage	230 V	-	-	230 V	230 V	TBD	TBD	230 V
Genset size	-	-	-	-	-	TBD	TBD	-
Genset manufacturer	-	-	-	-	-	TBD	TBD	-
Genset condition	-	-	-	-	-	TBD	TBD	-
Comments	Electricity supply in order	Proposed supply point from	Proposed supply point from	Electricity supply in order	Electricity supply in order	TBD	TBD	Electricity supply in order
Scale Building Electricity								
DB condition	Fed from Traffic official building	-	-	Fed from town over line	Fed from town over line	Good	Good	Fed from town over line
Lighting condition	No installation	-	-	Dangerous	Dangerous	Good	Good	Good
Socket outlet condition	No installation	-	-	Dangerous	Dangerous	Good	Good	Good
Comments	Need to do a complete new	Need to do a complete new	Need to do a complete new	Need to do a complete new	Need to do a complete new	New installation	New installation	Not in use since installation
Traffic Official Building Electricity								
DB condition	Dangerous/bad	-	No building	Dangerous/bad	Dangerous/bad	TBD	TBD	Good
Lighting condition	No installation	-	-	Dangerous/bad	Dangerous/bad	TBD	TBD	Good
Socket outlet condition	No installation	-	-	Dangerous/bad	Dangerous/bad	TBD	TBD	Good
Comments	Need to do a complete new	-	-	Need to do a complete new	Need to do a complete new	TBD	TBD	Not in use since installation