RECORD Inspection Report Compiled by: Frikkie Malan Approved by: Rujeanne Swanepoel Date Approved: 12 September 2022

Certification Name: University of	of Johannesburg_APK Store (
Client Information		Building Location		
Company Name: University of	Johannesburg		Corner Kingsway and Univers	sity Road
Building Name: APK Store Co.	mplex		Auckland Park	
		City:	Johannesburg	
		Province:	Gauteng	
Client Representative		Building Information (from Sa	ANS 10400-YA-2021)	
Name: Masala Mbai	mhalali		-	
Contact Number: (078) 667 176		Energy Zone: Occupancy Class:	1 F3	
E-mail Address: mmasala@uj		Reference Energy Consumption:	125	
E-IIIdii Address. Tiittidsala@dj	.uc.zu		SANS10400-XA : 2021	
Building Assessment Planning		·IIOIII	SANS10400-XA : 2021	
		Name and Surname of the person w owner during the site inspection:	ho represented the property	
Has the Inspector identified the person who will assist the Inspector during the	Yes	Masala Mbambeleli		
assessment?	.00			
		Date of the Inspection:	2022/10/06	
Has the Inspector phoned the inspection	Yes	Start Time:	9:00 am	
assistant to inspection arrangements?		Duration:	30 minutes	
Did the James to a three the Delidies				
Did the Inspector share the Building Assessment Method Statement with the	Yes			
Building Representative?				
Has the Inspector confirmed the site	No			
Health & Safety arrangements?				
Details on when and how Building Assessment Method St	atement was shared	Details on Health and Sa	afety considerations	
Shared by Nikhil Naidoo to the client rep		General H&S considerations apply		
Confirmation by Building Penrocentative		Ruilding Operations		
	2024 (04 (04	Building Operations		
Year of Assessment Start	2021/01/01	During the Year of Assessment:	Cingle	
ear of Assessment Start	2021/01/01 2021/12/31	During the Year of Assessment: Single or Multiple Tenants?	-	
ear of Assessment Start		During the Year of Assessment:	Single 100%	
ear of Assessment Start ear of Assessment End		During the Year of Assessment: Single or Multiple Tenants? Confirm Building Occupancy (%)	-	
ear of Assessment Start ear of Assessment End Energy Carriers		During the Year of Assessment: Single or Multiple Tenants? Confirm Building Occupancy (%) Building Operating Hours	100%	househoot
rear of Assessment Start fear of Assessment End Energy Carriers furing the Year of Assessment:	2021/12/31	During the Year of Assessment: Single or Multiple Tenants? Confirm Building Occupancy (%) Building Operating Hours	100% End hours/day	hours/week
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RECORD Inspection Report

Compiled by: Frikkie Malan Approved by: Rujeanne Swanepoel Date Approved: 12 September 2022

Report Date	03 November 2022
RMS EPC Inspector:	Nikhil Naidoo

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		o further action required					

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Certification Name:	University of Johannesburg_APK Store Complex		
Energy Carrier: Solar PV Supp	olied Electricity		
Consumption Source Data	Energy source not in building		
Validations Checks		Results	
	Confirm meter location with reticulation diagram	Consumption Unit of Measure	kWh
C	confirm meter existence and purpose with building representative	Annual Consumption Value (Raw)	O
	Compare Serial numbers (data file vs reticulation)	kWh per Annum	C
	Check that data time-period is for Year of Assessment		
	Check data completeness (identify estimates)		
	Compare data with another data source		
	Visually inspect meter on site		
	Compare meter serial number (on meter) with other S/N		
Inspector comments from site a	ssessment		
No diesel genset			
List any further actions that may	v he needed:		
No further action required			

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Certification Name:	University of Johannesburg_APK Store Con	nplex		
Energy Carrier: Diesel Fuel				
Consumption Source Data	Another source			
·			_	
	Validations Checks		Results	
	Confirm invoices/delivery notes are for this building location NO		Consumption Unit of Measure	e kWh
Cc	Confirm invoices/delivery notes are for the Year of Assessment No		Annual Consumption Value (Raw	-
	Inspect generator or other diesel consuming equipment	Yes	MJ/ per unit of measure	e 39
	Inspect diesel storage facilities	Yes	GJ per annun	
	Confirm diesel refilling rules	Yes	kWh per Annun	n -
Inspector comments from site asse	ssment			
No diesel genset found by site				
List any further actions that may be No further action required	e needed:			

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Certification Name:	University of Johannesburg_APK Store Complex		
Energy Carrier: Gas			
Consumption Source Data	Energy source not in building		
Validations Checks		Results	
	Confirm invoices/delivery notes are for this building location	Consumption Unit of Measure	kWH
	Confirm invoices/delivery notes are for the Year of Assessment	Annual Consumption Value (Raw)	0
	Inspect gas consuming equipment	MJ/ per unit of measure	46.1
	Inspect gas storage facilities	GJ per annum	0
	Confirm gas refilling rules	kWh per Annum	0
Describe any other validation me	ethods used		
Inspector comments from site as	sessment		
List any further actions that may	he needed:		
No further action required	be needed.		

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	University of Johannesburg_APK Store Complex		
Energy Carrier: Solid Fuel			
Consumption Source Data	Energy source not in building	1	
		_	
Validations Checks		Results	
	Confirm invoices/delivery notes are for this building location	Consumption Unit of Measure	kg
	Confirm invoices/delivery notes are for the Year of Assessment	Annual Consumption Value (Raw)	0
	Inspect generator or other diesel consuming equipment	MJ/ per unit of measure	0.0
	Inspect storage facilities	GJ per annum	0
	Confirm refilling rules	kWh per Annum	0
Inspector comments from site assess	sment		
Inspector comments from site assess	iment		
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Report Date	03 November 2022
RMS EPC Inspector:	Nikhil Naidoo

Certification Name:	University of Johannesburg_APK Store Complex		
Energy Carrier: Export Energy			
Consumption Source Data	Energy source not in building		
Validations Checks		Results	
	Confirm invoices/delivery notes are for this building location	Consumption Unit of Measure	kg
	Confirm invoices/delivery notes are for the Year of Assessment	Annual Consumption Value (Raw)	0
	Check whether readings are actual and not estimates	MJ/ per unit of measure	0.0
	Inspect storage facilities	GJ per annum	0
	Check data against another source	kWh per Annum	0
Describe any other validation method	ds used		
Inspector comments from site assess	ment		
List any further actions that may be n	needed:		
No further action required			

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Report Date 03 November 2022
RMS EPC Inspector: Nikhil Naidoo

Exclusions Store Rooms		
itore Rooms		
	Garages/Basement Parking	
Not applicable	Yes, the floor plan shows all the parking areas	
Dutside Areas	Net Floor Area Report Findings	
No. The floor plan does not show all the outside areas	Construction Area:	4 7
	Store Rooms Total	
	Outside Areas Total	
	Parking Area Total	
	Vertical Elements	
	Excluded Areas Total	
	Net Floor Area	47
	Excluded Area %	0.

Load Type	Qty	Wattage	Hours/Week	Wh/Week	Wks/Yr	kWh/Yea
circular wall lights	2	10	84	1 680	-	87
flood light	8	150	84	100 800	-	5 242
double 5ft LED	2	48	84	8 064	-	419
double 1 ft LED	2	18	84	3 024	-	157
					-	
					-	
					-	
					-	
					-	
					-	
					-	
					-	
			Excluded Areas Total	kWh per Year		5 900
			Excluded Area Energy	as % of Total		19

Excluded Energy is less than 10% of total building energy consumption and does not have to be shown on the certificate



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Report Date 03 November 2022

RMS EPC Inspector:	Nikhil Naidoo

Certification Name:

University of Johannesburg_APK Store Complex

Building Details

Building Name APK Store Complex	
Energy Zone 1	

Reference Energy Consumption (kWh/m2.annum) 125

Year of Assessment Start 01 January 2021

Year of Assessment End 31 December 2021

Occupancy Class F3

Occupancy Rate 100%

Energy Carriers

Total Energy Consumption (kWh)	1 007 000
Grid Electricity (kWh):	1 007 000
Solar PV Electricity (kWh):	0
Diesel Fuel (kWh):	0
Gas (kWh):	0
Solid Fuel (kWh):	0
Export Energy (kWh):	0

Building Energy Performance

Energy per Unadjusted Net Floor Area (kWh/m2.annum):	210	
Energy per Adjusted Net Floor Area (kWh/m2.annum):	210	

Building Performance

Building Performance Scale (from SANS 1544) Rating A: energy performance < 0.3Ereference Rating B: 0.3Ereference <= energy performance < 0.6Ereference Rating C: 0.6Ereference <= energy performance < 0.9Ereference Rating D: 0.9Ereference <= energy performance < 1.1Ereference Rating E: 1.1Ereference <= energy performance < 1.4Ereference Rating F: 1.4Ereference <= energy performance < 1.7Ereference

Additional Information

Rating G: energy performance >= 1.7Ereference

No of floors (excl par	rking):	2	
Year of Constru	iction:	>2 years	
Year of Renov	ation:	Within the past 2	years
D-1	DI		

Date of Approved Plans: >2 years

Cadastral (Erf no) Info:

Signature: Inspector

Inspection Report Date: 03 November 2022

Certification Name: University of Johannesburg_APK Store Complex

Net Floor Area

Total Net Floor Area	4 767
Excluded Area	0
Excluded Area % of Total	0%

Excluded Area Energy Consumption

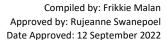
zaciaca z i ca z i ci gy consumption				
Total Excluded Area Energy Consumption (kWh)	5 906			
Net Energy = Total Energy - Exclusions = 1 007 000 - 5 906				
Equals (kWh)	1 001 094			
Excluded Area Energy as % of Total	1%			

Building EPC Calculcation

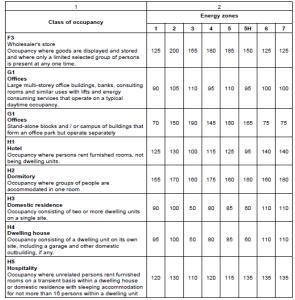
125
85
1.68
F

Signature: Client









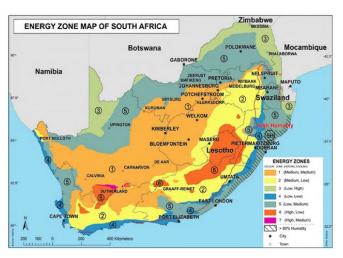


Table 1 — Maximum annual energy consumption per building classification for each energy zone (kWh/m²/a) (Energy zones as shown in figure 1 and annex C)

1	2							
Class of annuary	Energy zones							
Class of occupancy	1	2	3	4	5	5H	6	7
A1 Entertainment and public assembly Occupancy where persons gather to eat, drink, dance or participate in other recreation.	75	75	95	70	95	95	80	80
A2 Theatrical and indoor sport Occupancy where persons gather for the viewing of theatrical, operatic, orchestral, choral, cinematographical or sport performances.	95	95	110	90	110	110	105	105
A3 Places of instruction Occupancy other than primary or secondary schools, where students or other persons assemble for the purpose of tuition or learning.	110	155	110	125	140	140	120	120
A3 Places of instruction Occupancy where school children assemble for the purpose of tuition or learning	60	65	55	60	55	60	65	65
A4 Worship Occupancy where persons assemble for the purpose of worshipping.	70	45	45	40	50	40	70	70
E2 Hospital Occupancy where people are cared for or treated because of physical or mental disabilities and where they are generally bed-ridden.	325	335	225	295	295	230	345	345
E3 Other institutional (residential) Occupancy where groups of people who either are not fully fit, or who are restricted in their movements or their ability to make decisions, reside and are cared for	120	95	90	90	100	80	130	130
F1 Large shop Occupancy where merchandise is displayed and offered for sale to the public and the floor area exceeds 250 m².	125	200	155	180	185	150	125	125
F2 Small shop Occupancy where merchandise is displayed and offered for sale to the public and the floor area does not exceed 250 m².	75	150	100	125	130	95	80	80