

**REPORT TO SAFETY AND SECURITY
PORTFOLIO COMMITTEE**



**CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD**

LC 22659

1. **ITEM NUMBER : SAFS 29/06/19**

2. **SUBJECT**

**OPERATIONAL STAFF ESTABLISHMENT – FIRE AND RESCUE SERVICE –
MARCH 2019**

**OPERASIONALE PERSONEELDIENSSTAAT – BRANDWEER-EN -
REDDINGSDIENS MAART 2019**

**IZIKHUNDLA ZABASEBENZI EZIMISELWEYO EZISEBENZAYO-
KWIINKONZO ZOCIMO-MLILO NOHLANGULO-KWEYOKWINDLA 2019**

3. **STRATEGIC INTENT**

- Safe City

The City Emergency Services Department provides an essential service through the Fire and Rescue Service, aimed at reducing the occurrence of life-threatening/property-threatening incidents.

4. **PURPOSE**

To inform the Committee of the current Operational staff establishment of the City Fire and Rescue Service, indicating and highlighting the overall shortfall of operational firefighting staff in each of the Districts, Divisions and stations.

5. **FOR NOTING BY / FOR DECISION BY**

For noting by the Safety and Security Portfolio Committee.

This report is for noting only/information only.

DELEGATION: SECTION 24 Delegation 1(1)

**(To assess the performance of service delivery generally within their
area of jurisdiction (outcomes monitoring).**

6. **EXECUTIVE SUMMARY**

This report is submitted for information and pertains to the current Operational Staff Establishment of the Fire and Rescue Service and provides the operational shortfall in terms of the South African National Standards (SANS) code 10090 – Community Protection against Fire as depicted in Annexure A.

7. RECOMMENDATIONS

That the operational staff establishment for Fire and Rescue Services be noted.

AANBEVELING

Dat daar kennis geneem word van die operasionale personeeldiensstaat. Vir brandweer-en-reddingsdienste.

ISINDULULO

Izikhundla zabasebenzi ezimiselweyo ezisebenzayo-kwiinkonzo zocimo-mlilo nohlangulo-kweyokwindla 2019

8. DISCUSSION/CONTENTS

Stemming from the quarterly report submission to the Safety and Security Portfolio Committee in September 2018, a report was requested indicating the current staff establishment (staffing levels) of the fire stations in each District, and also requesting the shortfall in the number of staff.

The report references the South African National Standard (SANS) 10090 – Community protection against Fire, which provides strict guidelines in terms of the requirements for an authority having jurisdiction to adequately and properly provide fire protection for various and specific risks within their jurisdictional boundary.

It specifically grades an authority in terms of its ability to arrive at and ensure that at various graded risks, the correct staffing and equipment level is in attendance to provide adequate and safe fire protection for the community and businesses at risk. The staff establishment depicted in this report was derived from the risk assessment of the City into High/Medium/Low and special risks (H/M/L/S) for each of the fire station areas. The City Fire and Rescue Service has 30 fire stations serving the community, with two more currently being constructed. At the end of this calendar year, the City will have 32 fire stations covering the 2455 square kilometres of various high, medium, low and special risks of the City. It has a current operational firefighting staff establishment of 803 firefighters, (52 recruit firefighters are currently undergoing training but will only be available at the end of October 2019). This will increase the current operational firefighting staff to 855.

In terms of SANS Code 10090, the City Fire and Rescue Service should have an Operational Staff complement of 1584. A shortfall of 729 firefighters exists in the following ranks:-

Station Commander

60

Platoon Commander	43
Senior Firefighter	267
Firefighter	283
Learner Firefighter	76
Total	729

In terms of comparisons with other International cities, the City of Cape Town does not compare favourably in terms of its firefighting capacity to cover similar or higher risks than the listed fire services.

Philadelphia Fire and Rescue Service (United States of America) – area of 347 square kilometres - 63 fire stations serving population of 1.6 million with +- 2851 firefighters.

Los Angeles Fire department (United States of America) – area of 1220 square kilometres - 112 fire stations serving 4 million people with +- 3500 firefighters.

Munich Fire and Rescue (Austria)– area of 350 square kilometres – 10 professional fire stations, 23 volunteer stations serving 1.5 million people with 1500 professional firefighters, 1050 volunteer firefighters.

Delhi Fire Service (India) – area of 1480 square kilometres – 61 fire stations – population of +- 11 million people with 3280 firefighters.

The City of Cape Town Fire and Rescue Service – area of 2455 square kilometres - 32 fire stations serving a population of +- 4 Million people with 855 firefighters.

In terms of comparisons with other National and Provincial Fire and Rescue Services, the overall comparison is more favourable to the City. However, this does not mean that our Fire and Rescue Service should not continue to strive to being on an International standard. We are still not in compliance with our own National standard. Following is information of National Fire services in our country.

Mangaung Metropolitan Fire and Rescue Service – area of 9624 square kilometres - 4 Fire stations serving population of 776 000 with 120 firefighters.

Nelson Mandela Bay Fire and Rescue Service – area of 1950 square kilometres – 9 fire stations serving population of 1.15M with 252 firefighters.

Buffalo City Fire and Rescue – area of 2430 square kilometres – 6 fire stations, population of +- 880 000 with 141 firefighters

Ethikweni Fire and Rescue – area of 2297 square kilometres – 21 fire stations serving population +- 3.8 million people with 603 firefighters.

Tshwane Fire and Rescue – area of 6368 square kilometres – 24 fire stations, population of 3.35 million with 913 firefighters.

The report excludes the shortfalls in Fire Safety, Training and Command and Control sections of the service.

Annexure A provides the details in terms of the current status, requirement and shortfall.

8.1. Constitutional and Policy Implications

Does the activity in this report have any implications on Constitutional and Policy? No Yes

8.2. Sustainability Implications

Does the activity in this report have any sustainability implications for the City? No Yes

8.3. Legal Implications

Does the activity in this report have any Legal implications for the City? No Yes

8.4. Staff Implications

Does your report impact on staff resources, budget, grading, remuneration, allowances, designation, job description, location or your organisational structure?

No

Yes

8.5. Risk Implications

This report and its recommendation do not expose the City to any risk.

8.6. Other Services Consulted

Were other Services Consulted?

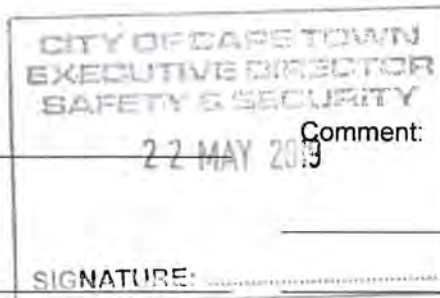
No Yes **ANNEXURES****1. Staff establishment – Fire and Rescue service****FOR FURTHER DETAILS CONTACT:**

NAME	Ian Schnetler (Fire & Rescue Service – 0842200214)
CONTACT NUMBERS	See above
E-MAIL ADDRESS	ian.schnetler@capetown.gov.za
DIRECTORATE	Safety and Security
FILE REF NO	

[Handwritten Signature]
22 3. 2019

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EXECUTIVE DIRECTOR



NAME

DATE

[Handwritten Signature]

LEGAL COMPLIANCE

23/05/2019

NAME

Riario Sayed
021 400 4508

REPORT COMPLIANT WITH THE PROVISIONS OF COUNCIL'S DELEGATIONS, POLICIES, BY-LAWS AND ALL LEGISLATION RELATING TO THE MATTER UNDER CONSIDERATION.

NON-COMPLIANT

Comment: For information

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TEL

DATE



MAYORAL COMMITTEE MEMBER

(Author to obtain signature before submission to Executive Support)

NAME

JP Smith

DATE

24-05-2019

UNIFORM OPERATIONAL STAFF OF THE FIRE & RESCUE SERVICES DISTRICTS - 2019												
NORTHERN DISTRICT	Current Operational Staff			Total	Required Operational Staff			Total	Shortfall			Total
	Staff per shift	1	2		3	Staff per shift	1		2	3	Staff per shift	
Fire Stations	1	2	3		1	2	3		1	2	3	
Goodwood	11	11	11	33	25	25	25	75	14	14	14	42
Bellville	11	12	11	34	23	23	23	69	12	11	12	35
Kraaifontein	9	6	8	23	10	10	10	30	1	4	2	7
Brackenfell	6	6	6	18	10	10	10	30	4	4	4	12
Div. Staff				108				204				96
Milnerton	14	13	12	39	25	25	25	75	11	12	13	36
Melkbos	6	6	6	18	11	11	11	33	5	5	5	15
Atlantis	14	10	13	37	21	21	21	63	7	11	8	26
Durbanville	6	6	5	17	10	10	10	30	4	4	5	13
Div. Staff				111				201				90
Dist. Staff				219				405				186
SOUTHERN												
DISTRICT	Current Operational Staff			Total	Required Operational Staff			Total	Shortfall			Total
	Staff per shift	1	2		3	Staff per shift	1		2	3	Staff per shift	
Fire Stations	1	2	3		1	2	3		1	2	3	
Lakeside	10	10	10	30	25	25	25	75	15	15	15	45
Fish Hoek	8	9	8	25	18	18	18	54	10	9	10	29
Simonstown	6	6	6	18	10	10	10	30	4	4	4	12
Masiphumelele	0	0	0	0	13	13	13	39	13	13	13	39
Div. Staff				73				198				125
Mitchells Plain	10	11	9	30	19	19	19	57	9	8	10	27
Ottery	10	10	10	30	19	19	19	57	9	9	9	27
Gugulethu	9	9	10	28	18	18	18	54	9	9	8	26
Lansdowne	9	9	9	27	16	16	16	48	7	7	7	21
Div. Staff				115				216				101
Dist. Staff				188				414				226
EASTERN												
DISTRICT	Current Operational Staff			Total	Required Operational Staff			Total	Shortfall			Total
	Staff per shift	1	2		3	Staff per shift	1		2	3	Staff per shift	
Fire Stations	1	2	3		1	2	3		1	2	3	
Belhar	10	10	9	29	21	21	21	63	11	11	12	34
Mfuleni	7	8	8	23	16	16	16	48	9	8	8	25
Kuilsriver	7	8	8	23	19	19	19	57	12	11	11	34
Khayelitsha	7	8	9	24	18	18	18	54	11	10	9	30
Div. Staff				99				222				123
Strand	15	15	13	43	23	23	23	69	8	8	10	26
Somerset West	6	6	6	18	9	9	9	27	3	3	3	9
Macassar	6	6	6	18	10	10	10	30	4	4	4	12
Sir Lowry's Pass	0	0	0	0	12	12	12	36	12	12	12	36
Div. Staff				79				162				83
Dist. Staff				178				384				206
WESTERN												
DISTRICT	Current Operational Staff			Total	Required Operational Staff			Total	Shortfall			Total
	Staff per shift	1	2		3	Staff per shift	1		2	3	Staff per shift	
Fire Stations	1	2	3		1	2	3		1	2	3	
Roeland Str	17	17	17	51	25	25	25	75	8	8	8	24
Sea Point	6	6	6	18	13	13	13	39	7	7	7	21
Salt River	7	6	6	19	15	15	15	45	8	9	9	26
Brooklyn	6	6	6	18	10	10	10	30	4	4	4	12
Div. Staff				106				189				83
Wynberg	8	8	8	24	18	18	18	54	10	10	10	30
Constantia	6	6	5	17	9	9	9	27	3	3	4	10
Hout Bay	11	9	10	30	19	19	19	57	8	10	9	27
Epping	13	14	14	41	18	18	18	54	5	4	4	13
Div. Staff				112				192				80
Dist. Staff				218				381				163
Total Staff				803				1584				781

FIRE AND RESCUE SERVICE OPERATIONAL REQUIREMENT IN TERMS OF SANS CODE 10090 - COMMUNITY PROTECTION AGAINST FIRE.

FIRE STATIONS - REQUIRED STAFFING LEVELS - SPECIFIC RISK														FIRE STATIONS - CURRENT STAFFING LEVELS																								
NORTH DISTRICT														NORTH DISTRICT																								
GOODWOOD (GWD)	p/s	Total	FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK	GOODWOOD (GWD)	p/s	Total	FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK			
Vehicles	9		2	1	1	1		1				1					H/M/L/S	Vehicles	8		1	1	1	1		1												
Station Commander	1	3	1															Station Commander		2																		
Platoon Commander	1	3	1															Platoon Commander	0	0																		
Senior Firefighter	8	24	2	1	1	1		1				1		1				Senior Firefighter	0	14																		
Firefighter	10	30	6	1				1				1		1				Firefighter	0	16																		
Learner Firefighter	5	15	2												1	1	1	Learner Firefighter	0	5																		
Per shift		25																Per shift		0																		
Total		75																Total		37																		
BELLVILLE (BVL)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK	BELLVILLE (BVL)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK			
Vehicles	8		2	1				1	1	1							H/M/L/S	Vehicles	7		1	1			1	1	1											
Station Commander	1	3	1															Station Commander	0	3																		
Platoon Commander	1	3	1															Platoon Commander	0	0																		
Senior Firefighter	8	24	2	1				1	1	2	1							Senior Firefighter	0	8																		
Firefighter	9	27	6	1				1			1							Firefighter	0	12																		
Learner Firefighter	4	12	2													1	1	Learner Firefighter	0	9																		
Per shift		23																Per shift		0																		
Total		69																Total		32																		
KRAAIFONTEIN (KFN)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK	KRAAIFONTEIN (KFN)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK			
Vehicles	2		1	1													H/M/L	Vehicles	2		1	1																
Station Commander	1	3	1															Station Commander	0	0																		
Platoon Commander	1	3																Platoon Commander	0	3																		
Senior Firefighter	2	6	1	1														Senior Firefighter	0	7																		
Firefighter	4	12	3	1														Firefighter	0	11																		
Learner Firefighter	2	6	1															Learner Firefighter	0	3																		
Per shift		10																Per shift		0																		
Total		30																Total		24																		
BRACKENFELL (BFL)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK	BRACKENFELL (BFL)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK			
Vehicles	3		1		1			1									H/M/L	Vehicles	3		1		1		1													
Station Commander	1	3	1															Station Commander	0	0																		
Platoon Commander	0	0																Platoon Commander	0	3																		
Senior Firefighter	3	9	1		1			1										Senior Firefighter	0	5																		
Firefighter	4	12	3					1										Firefighter	0	15																		
Learner Firefighter	2	6	1															Learner Firefighter	0	1																		
Per shift		10																Per shift		0																		
Total		30																Total		24																		
Divisional Total		204																																				
MILNERTON (MIL)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK	MILNERTON (MIL)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK			
Vehicles	10		2	1	1	1	1	1			1		1				H/M/L/S	Vehicles	10		2	1	1	1	1	1		1		1		1						
Station Commander	1	3	1															Station Commander	0	3																		
Platoon Commander	1	3	1															Platoon Commander	0	0																		
Senior Firefighter	9	27	2	1	1	1	1	1				1	1					Senior Firefighter	0	16																		
Firefighter	10	30	6	1				1	1				1					Firefighter	0	11																		
Learner Firefighter	4	12	2															Learner Firefighter	0	13																		
Per shift		25																Per shift		0																		
Total		75																Total		43																		
MELKBOS (MKS)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK	MELKBOS (MKS)			FE	WT	BFT	SU	FT	RV	TRT	HM	HP	BA	CV	DV	SV	WR	RISK			
Vehicles	4		1		1	1		1									M/L/S	Vehicles	4		1		1	1	1													
Station Commander	1	3	1															Station Commander	0	0																		
Platoon Commander	0	0																Platoon Commander	0	3																		
Senior Firefighter	3	9	1		1	1												Senior Firefighter	0	7																		
Firefighter	4	12	2	1				1										Firefighter	0	11																		
Learner Firefighter	3	9	2															Learner Firefighter	0	2																		
Per shift		11																Per shift		0																		
Total		33																																				

Station Commanders	90
Platoon Commanders	78
Senior Firefighters	411
Firefighters	627
Learner Firefighters	303
	1341

REQUIRED OPERATIONAL STAFF	1584
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Note - This EXCLUDES any provision for staff leave or training requirements.

44
33
209
252
128
741

Station Commanders	46
Platoon Commanders	45
Senior Firefighters	202
Firefighters	375
Learner Firefighters	175
	752

CURRENT OPERATIONAL STAFF	843
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