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Report No.:
5654/228988/AP016
Date:
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The Managing Director
C & J Services (Pty) Ltd
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1998 -11- 18

SECONDARY LIGHTS FOR MOTOR VEHICLES

1. SUBJECT

The testing of secondary lights against the requirements of specification SABS 1376:3-1985, 'Lights for motor vehicles' Part 3 'Secondary Lights'. (Inspector's Receipt No. 50624.)

2. DESCRIPTION OF SAMPLE

TL 8

The sample consisted of the following:

One two-section combi light and one semi-sealed amber light marked 'C & J' by the manufacturer.

3. SELECTION OF SAMPLE

The sample was selected by an inspector at SABS.

4. METHOD OF TESTS

The tests were conducted in accordance with the requirements of SABS 1376-3:1985.

5. RESULTS

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5. RESULTS OF TEST

TABLE 1 - SECONDARY LIGHTS

DESCRIPTION OF REQUIREMENT	RESULTS	APPLICABILITY
General Construction	Complied	Clause 3.1
Lamps	Not applicable	Clause 3.2
Grouped, Combined and Incorporated Lights	Complied	Clause 3.3
End-Outline Marker Lights	Not applicable	Clause 3.4
Colour	Not tested	Clause 3.5
Chromaticity Co-ordinates	Not applicable	Clause 3.6
Initial Power (Sealed Lights)	Not applicable	Clause 3.7
Life (Sealed Lights)	Not applicable	Clause 3.8
Photometric Properties	Complied Tables 2-8	Clause 3.9
Marking	Complied	Clause 4

TABLE 2 - LUMINOUS INTENSITIES, cd
TWO-SECTION COMBI STOP LIGHT

VERTICAL ANGLE, DEGREES	HORIZONTAL ANGLE, DEGREES						
	LEFT			0°	RIGHT		
	20°	10°	5°		5°	10°	20°
TOP			40		51		
10°							
5°	43	60		91		43	28
0°		70	79	74	64	43	
5°	43	66		59		43	29
10°			34		35		
BOTTOM							

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/TABLE 3

TABLE 3 - LUMINOUS INTENSITIES, cd
TWO-SECTION COMBI POSITION LIGHT

VERTICAL ANGLE, DEGREES	HORIZONTAL ANGLE, DEGREES						
	LEFT			0°	RIGHT		
	20°	10°	5°		5°	10°	20°
TOP 10°			8		6		
5°	5	11		9		4	3
0°		5	5	5	5	4	
5°	4	4		4		3	2
BOTTOM 10°			2		2		

TABLE 4 - LUMINOUS INTENSITIES, cd
TWO-SECTION COMBI INDICATOR LIGHT

VERTICAL ANGLE, DEGREES	HORIZONTAL ANGLE, DEGREES						
	LEFT			0°	RIGHT		
	20°	10°	5°		5°	10°	20°
TOP 10°			57		68		
5°	68	100		89		83	66
0°		155	130	115	140	113	
5°	81	119		143		113	62
BOTTOM 10°			96		106		

/TABLE 5

TABLE 5 - LUMINOUS INTENSITIES, cd
SEMI-SEALED INDICATOR LIGHT

VERTICAL ANGLE, DEGREES	HORIZONTAL ANGLE, DEGREES						
	LEFT			0°	RIGHT		
	20°	10°	5°		5°	10°	20°
TOP 10°			64		62		
5°	58	65		68		63	55
0°		69	74	79	74	67	
5°	59	70		77		65	55
BOTTOM 10°			65		67		

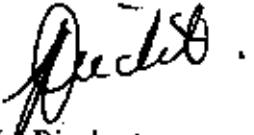
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6. CONCLUSION

The secondary lights complied with the photometric requirements of SABS 1376-3:1985.



MS Mathibedi
TECHNOLOGIST



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