

# Test Report

Name of products      SMOKE EXTRACTION MOTORS

.....

Type                      DBA1RHSF 160M 4

.....

Client                    CMP ELECTRIC MOTOR (ASIA  
PACIFIC) SDN BHD

.....

Kind of test              Commission test

.....



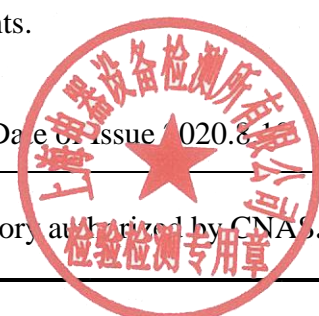
**SHANGHAI TESTING & INSPECTION INSTITUTE FOR  
ELECTRICAL EQUIPMENT CO. LTD.**

Name of Sample	SMOKE EXTRACTION MOTORS		Trade Mark	CMP	
Type	DBA1RHSF 160M 4				
Technical data	400V	50Hz	11kW	21.6A	1460r/min Δ S1 C
	IP55	EFF=87.6%	cos φ = 0.84	103kg	AMB.TEMP 300 °C
Kind of test	Commission test				
Applicant	CMP ELECTRIC MOTOR (ASIA PACIFIC) SDN BHD		Address	NO.2-28,JALAN PUTERI 4/8, BANDAR PUTERI, 47100 PUCHONG, SELANGOR, MALAYSIA.	
Manufacturer	CMP ELECTRIC MOTOR (ASIA PACIFIC) SDN BHD		Address	NO.2-28,JALAN PUTERI 4/8, BANDAR PUTERI,47100 PUCHONG, SELANGOR, MALAYSIA.	
Number of samples	1	Supplied by	—	Series No.	81916607017
Sampling Address	—	Sampler	—	Stock	—
Sampling date	—		Date of receiving samples	2020-07-03	
Numbering of Samples	#01				
Test specification	<ol style="list-style-type: none"> <li>1. GB/T 755-2008 Rotating electrical machines – Rating and performance</li> <li>2. GA 211-2009 High temperature-resistant test methods for smoke and heat exhaust ventilators</li> </ol>				
Judgment specification	EN 12101-3:2015 Smoke and heat control systems Part 3: Specification for powered smoke and heat control ventilators (Fans)				
Test date	2020-07-09				
Test results	<p>The sample was tested according to GB/T 755-2008 &amp; GA 211-2009 and EN 12101-3:2015. The results comply with the requirements.</p> <p style="text-align: right;">Date of Issue: 2020.8.1</p>				
Remark	GA 211-2009 is outside the scope of the laboratory and authorized by CNAS.				

Approved by *Qinyuhong*

Reviewed by *Liu Ye*

Prepared by *Tang Hui'li*





Sample Photos



Photo of fan before test



Photo of motor before test

Sample Photos

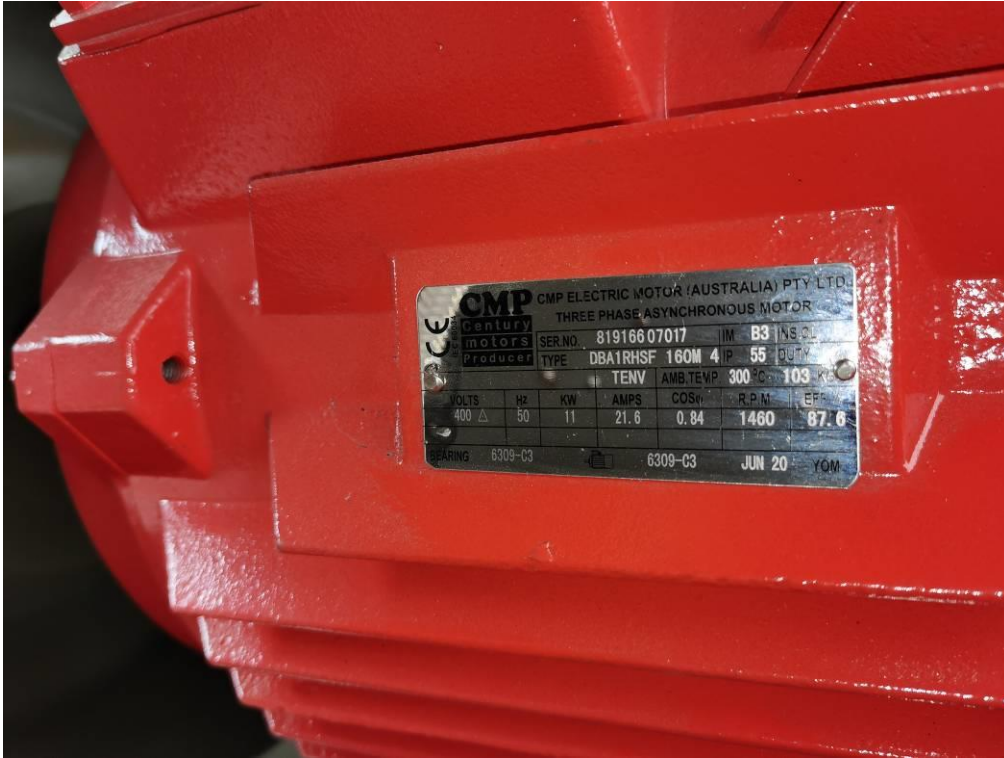


Photo of nameplate before test

Sample Photos



Photo of fan after test



Photo of motor after test

Sample Photos



Photo of nameplate before test

No.	Test items and requirements	Observed	Judgment
		#01	
1	<p>High temperature-resistant test</p> <p>High temperature: 300℃</p> <p>Test duration: 2h</p> <p>Test requirements: Temperature of the test box rises from room temperature to 300℃. The motor runs without load for 2h under rated voltage and frequency, and the operation should be normal.</p> <p>Insulation resistance after test ( <math>\geq 0.4M\Omega</math> )</p>	<p>300℃</p> <p>2h</p> <p>See Table 1</p> <p>&gt;500</p>	Pass



## Test data

Table 1 High temperature-resistant data

Time	U (V)	I <sub>1</sub> (A)	I <sub>2</sub> (A)	I <sub>3</sub> (A)	Input power (W)	Temperature of test box (°C)
12:00	399.9	17.36	17.54	17.30	11562	300.1
12:30	399.9	17.46	17.53	17.32	11339	300.0
13:00	400.2	17.40	17.50	17.29	11487	300.1
13:30	400.1	17.41	17.53	17.35	11533	300.1
14:00	400.2	17.39	17.53	17.31	11363	300.0

==== End of Report =====

# STATEMENT

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- 3. The test report without the signature of the preparing person, review person and approval person shall be considered as invalid.**
- 4. Any corrections made on any parts of this test report shall be considered as invalid.**
- 5. This result is only related to the samples delivered.**
- 6. When the laboratory issues data and results that prove the role within the scope of the qualifications determined by the qualification certificate, it shall mark the qualification certificate mark of the inspection and testing institution, and affix a special seal for inspection and testing. When the laboratory is outside the scope of the ability to determine the qualification certificate, the inspection and testing report or certificate issued shall not be marked with the qualification certificate of the inspection and testing institution. The data and results have no proof role of society.**

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