



TEST REPORT

NUMBER : TWNH00011651

APPLICANT: SUPER SHENG ENTERPRISE CO., LTD.
NO. 6, LANE 151, MIN SHENG ST.,
SAN HSIA TOWN, TAIPEI HSIEN,
TAIWAN, R.O.C.

DATE : DEC 22, 2008

SAMPLE DESCRIPTION:

TWO (2) PIECES OF SUBMITTED SAMPLES SAID TO BE :

ITEM NAME : STAINLESS STEEL GAS SPRING, SUS 304
STAINLESS CONNECTING PARTS, SUS 303

DATE SAMPLE RECEIVED : NOV 03, 2008

DATE TEST STARTED : NOV 03, 2008

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE REFER TO ATTACHED PAGES.

CONCLUSION:

<u>TEST SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	SALT SPRAY TEST - AS PER APPLICANT'S REQUEST WITH REFERENCE TO ASTM B117 : 2007 AND ISO 9227 : 2006	SEE TEST CONDUCTED

AUTHORIZED BY:
ON BHALF OF INTERTEK TESTING SERVICES
TAIWAN LIMITED



PAUL YU
DIRECTOR



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TEST CONDUCTED

SALT SPRAY TEST

AS PER APPLICANT'S REQUEST WITH REFERENCE TO ASTM B117 : 2007 AND ISO 9227 : 2006, TEST THE SAMPLE IN A CONDITION OF 5 % SALT SPRAY, 35 °C

EXPOSURE TIME : 264 HOURS

<u>SAMPLE</u>	<u>TIME</u> <u>(HOURS)</u>	<u>OBSERVATION</u>	<u>ISO 10289</u> <u>GRADE</u>	<u>ASTM D610</u> <u>GRADE</u>
STAINLESS STEEL GAS STRUT	48	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	72	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	96	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	120	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	144	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	168	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	192	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	216	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	240	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
	264	COLOR CHANGE WAS FOUND ON THE SURFACE OF ROUND TUBE.	9	8



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SALT SPRAY TEST

<u>SAMPLE</u>	<u>TIME (HOURS)</u>	<u>OBSERVATION</u>	<u>ISO 10289 GRADE</u>	<u>ASTM D610 GRADE</u>
STAINLESS STEEL GAS SPRING	48	NO RUSTING WAS FOUND ON THE TESTED SAMPLE.	10	10
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	264	COLOR CHANGE WAS FOUND ON THE SURFACE OF ROUND TUBE.	9	8

REMARK : THE LIMIT IS ACCORDING TO THE APPLICANT'S REQUIREMENT THE RUST
GRADE ARE REFEREED TO ISO 10289 : 2001 AND ASTM D610-01.



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SALT SPRAY TEST

ISO 10289

AREA OF DEFECT, %		RATING
NO DEFECT		10
<0.1	--	9
>0.1	<0.25	8
>0.25	<0.5	7
>0.5	<1.0	6
>1.0	<2.5	5
>2.5	<5	4
>5	<10	3
>10	<25	2
>25	<50	1
>50	--	0

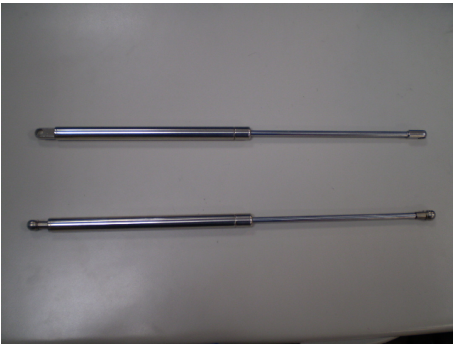
ASTM D610

SCALE AND DESCRIPTION OF RUST GRADES	
RUST GRADE	PERCENT OF SURFACE RUSTED
10	LESS THAN OR EQUAL TO 0.01 PERCENT
9	GREATER THAN 0.01 PERCENT AND UP TO 0.03 PERCENT
8	GREATER THAN 0.03 PERCENT AND UP TO 0.1 PERCENT
7	GREATER THAN 0.1 PERCENT AND UP TO 0.3 PERCENT
6	GREATER THAN 0.3 PERCENT AND UP TO 1.0 PERCENT
5	GREATER THAN 1.0 PERCENT AND UP TO 3.0 PERCENT
4	GREATER THAN 3.0 PERCENT AND UP TO 10.0 PERCENT
3	GREATER THAN 10.0 PERCENT AND UP TO 16.0 PERCENT
2	GREATER THAN 16.0 PERCENT AND UP TO 33.0 PERCENT
1	GREATER THAN 33.0 PERCENT AND UP TO 50.0 PERCENT
0	GREATER THAN 50 PERCENT

TEST CONDUCTED

SALT SPRAY TEST

BEFORE TEST



AFTER TEST



STAINLESS STEEL GAS STRUT



STAINLESS CONNECTING PARTS



END OF REPORT