



Test Report  
S C

No. TSNEC1700935719

Date: 0 017

a e 1 o 1

STEE SC C DR EDS EETC . TD  
N R D N S NDSTRCT EN CT NN R NCEC N

T e o o sa p e s as e r e s t t e a e t e o e a o t e e t s a s : E E C T R T C  
N E D S T E E N

S S o No. : T 17 00 017 T

Date o Sa p e R e e e : a 017

Test e r o : a 017 0 017

Test R e e s t e : s r e e s t e e t S C s r e e s p e r o r e a o r t o :  
e r e a s e e t t r e e 173 s t a e s t e C a t e s t o  
S t a e s o e r C o e r S C o r a t o r a t o p s e  
E r o p e a C e a s e E C o a e o r e a 1 017 r e a r  
R e a t o E C N o 1907 00 o e r t e R E C .

Test R e s t s : e a s e r e r t o e t p a e s .

S a r :

or tot espe e s o p e a e a a t o s r e e t e t e s t r e s t s o S C a r e 0.1 t e s t t e s a p e .	SS
--	----

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Rea e a o  
p p r o e S a t o r



# Test Report

No. TSNEC1700935719

Date: 0 017 a e o 1

## S C

Re ar :

1 T e e a a a s s o s p e e S C s p e r o r e e a s o r r e t a a a e  
 a a t a t e e s a a s t t e o o S C r e a t e o e t s p s e E C :  
 t t p : e a . e r o p a . e e e s t a a t e s t t a e  
 T e s e s t s a r e e r e a a t o E C a a s e t t o a e t e t r e .

Co er art es :

a o r a e t R e a t o E C N o 1 9 0 7 0 0 a E p r o e r o r p o r t e r o a r t e s  
 s a o t E C a o r a e t p a r a r a p o r t e 7 a s s t a e e e t s t e r t e r a  
 r t e 5 7 a s e t e a o r a e t r t e 5 9 1 o t e R e a t o a t e  
 s s t a e t e C a a t e s t s p r e s e t t o s e a r t e s a t t e s t o t a o e r o e t o e  
 p e r p r o e r o r p o r t e r p e r e a r a t e s s t a e t e C a a t e s t s p r e s e t  
 t o s e a r t e s a o e a o e t r a t o o 0 . 1 e t e t .

r t e 3 3 o R e a t o E C N o 1 9 0 7 0 0 r e r e s s p p e r o a a r t e o t a a  
 s s t a e e e t t e r t e r a r t e 5 7 a e t e a o r a e t r t e 5 9 1 a  
 o e t r a t o a o e 0 . 1 e t e t s a p r o e t e r e p e t o t e a r t e t  
 s e t o r a t o a a a e t o t e s p p e r t o a o s a e s e o t e a r t e a s a  
 t e a e o t a t s s t a e t e C a a t e s t .

S S a o p t s t e r o t e C o r t o s t e o t e E r o p e a o o t e e t o o a  
 a r t e e r R E C e s s a t e o t e r s e . D e t a e p a t o s a a a e a t t e o o

:  
 t t p : . s s . o e a o a o e t s t e a o e t s t e a e t s s s r s  
 p o s t o s t a t e e t o s a r t e s a e 1 0 . p a e

3 Co er a t e r a s :

T e s t r e s t s t s r e p o r t a r e a s e o t e t e s t e s a p e . T s r e p o r t r e e r s t o t e s t r e s t o  
 t e s t e s a p e s t t e a s o o e o s a t e r a s . a s e s a t e r a s e s e t o  
 o p o s e a a r t e t e r e s t s a t e t s r e p o r t a o t r e p r e s e t S C o e t r a t o  
 s a r t e . t s r e p o r t r e e r s t o t e s t r e s t o o p o s t e a t e r a r o p e a e t  
 p r o p o r t o t e a t e r a e a o p o s t e t e s t r o p a o e r o r e t a o e a r t e .

t e s a p e s a s s t a e o r t r e a t r e t e p o r t s t o E e t a s t e o a t o t o  
 o p t t e s p p a o a t o o a t o e r r t e 3 1 o R e a t o E C N o .  
 1 9 0 7 0 0 a t e o t o s o t o r a t o o s s t a e o e r o e r e t e  
 e o t e R e a t o E C N o . 1 9 0 7 0 0 .

Co er s s t a e a p r e p a r a t o :

a S C s o o e r 0 . 1 a o r t e s p e o e t r a t o t s s e t  
 R e a t o E C N o 1 7 0 0 a N o 7 9 0 0 0 9 e t s s e s t e t o p r e p a r e a S a e t D a t a  
 S e e t S D S a a s t t e S C t o o p t t e s p p a o a t o o a t o  
 e r R e a t o E C N o 1 9 0 7 0 0 :



**Test Report**  
**S C**

No. TSNEC1700935719

Date: 0 017 a e 3 o 1

as sta et at s ass e as a ar o s ert eC Re ato EC No 1 7 00 .

a t ret at s ass e as a ero sa or Da ero s reparato s Dre t e  
1999 5 EC or ass e as a ar o s ert eC Re ato EC No 1 7 00 e  
t er o e trato sare e a to or reatert a t ose e e t e rt e 3 3 o  
1999 5 EC or t e o er a es e art 3 o e o Re ato EC No. 1 7 00  
or

a t res ot ass e as a ero s er Dre t e 1999 5 EC t o ta set er:  
a as sta e pos a eat ore ro e ta a ar s a a o e trato  
o 1 e t or t rest at are so or s .e. o aseos t res or 0.

o e or aseos t res or

as sta et at s T or a a o e trato o 0.1 e t or  
t rest at are so or s .e. o aseos t res or

as sta e o t e S C a ate st or reaso s ot ert a t ose ste a o e a  
a o e trato o 0.1 e t or o aseos t res or

as sta e or t ere are E rope e or pa e e pos re ts.

5 a S C s o o ert e report t e t s s este to e t t e o po e t  
o ta st e S C a t e e a t o e trato o t e S C re est rt er a t t a t e  
a a s s ro t e a orator .

**Test Sa pe:**

Sa pe Des rpto :

Spe e No.	S S Sa pe D	Des rpto
SN1	TSN17 009357.010	s er ra eta oar

**Test et o :**

S S	o se et o T C e a T	00	T C e a T	0 1	a e	C	ES	C	S
S	C D D	Sa	Coor etr	et o .					



**Test Report**  
**S C**

No. TSNEC1700935719

Date: 0

017

page 01

Test Result: S sta es t eCa ate sto S C

at	S sta eNa e	C S No.	010 Co e trato	R
	teste S C a ate st		ND	

Notes :

1. T e t a e a o e o s o s e t e t e S C a S C t a t e o R a r e o t r e p o r t e .  
e a s e r e r t o p p e o r t e s t o t e s t e S C .  
. R R e p o r t t . R a r e a s e o o o e o s a t e r a .  
N D N o t e t e t e o e r t a R N D s e o t e o t e S C s s t a e .
3. C S N o . o a s t e r e o s o e r s e t e C D D C D D C D D : 13 37 50  
13 37 51 7 13 37 5  
C S N o . o e a r o e t p t a a r e e a r o e t p t a a r e  
e a r o 1 e t p t a a r e e a r o 3 e t p t a a r e :  
5550 51 0 19 3 0 9 1 1 1 57110 9 9 E C N o . o t o s e : 7 0 9 1 3 0 7 0  
5 3 5 0 5 1 .
- . T e t e s t r e s t s a s e o t e a a t o o s e e t e e e t s a r e r s a t o t e  
o r s t a s e s e a r o . o r e t a o r a t o p e a s e r e r t o t e S S R E C e s t e :  
. r e a . s . s . o s s t a e o e r o e r a a s s o r a t o p a e . t  
C a a t e o e t r a t o o r o p o s a r e a s e o t e t o t a o r o r p o e r a  
p a s t e s a p e s a a t e r e t r a t e o r o r o t e r s a p e s C E S .  
R 0.005 s e a a t e o r e e e t . e . o a t a r s e e a r o a  
r o o r o s t o t a t o t t a a r a a r e s p e t e  
e e p t o e R 0.0005 o r o R 0.00 5 o o r e a s t e t r a o r o r a t e .
5. T e s s t a e s p r o p o s e o r t e e t a t o a s S C o e r e t o t a s e r s  
e t o e C S N e r : 90 9 o r e r s a s e C S N e r : 101 1 1 0.1 .



Test Report

No. TSNEC1700935719

Date: 0

017

Page 5 of 1

SC

pppe

Test items SC:

Item	No.	Standard Name	CS No.	R
	1	Damping coefficient D	101 77 9	0.050
	5	Vertical torsion resistance	1 15	0.050
	3	Class C10-13 concrete compressive strength	5535	0.050
		Concrete	1 0 1 7	0.050
	5	Compressive strength	5 7	0.050
		Compressive strength DE	117 1 7	0.050
	7	Structural T T	5 35 9	0.050
		Concrete	7 79 9	0.005
	9	Damping ratio	1303	0.005
	10	Damping ratio	13 7 53 3	0.005
	11	Compressive strength D	7	0.050
	1	Characteristic compressive strength of concrete CDD Characteristic compressive strength of concrete CDD Characteristic compressive strength of concrete CDD	5 37 99 319 55	0.050
	13	Characteristic compressive strength	77 0 9	0.005
	1	Concrete	77 9 1 0 105 0 1 9	0.005
	15	Tensile strength	15 0 95	0.005
	1	Damping ratio	1 1 1	0.050
	17	Concrete	79 0 1	0.050
	1	Concrete	90 0 0 5	0.050
	19	Concrete paste	90 0 1	0.050
	0	Concrete paste	91995 15	0.050



Test Report

No. TSNEC1700935719

Date: 0

017

Page 1

SC

pppe

st o teste S C:

at	No.	S sta eNa e	C S No.	R
	1	t ra e e o a t ra e e paste st . ts	91995 17	0.050
		t ra e e o a t ra e e o	90 0 7	0.050
	3	D so t p t a ate	9 5	0.050
		ea ro ate	775 97	0.005
	5	ea ro ate o ate s p ate re C.. e t Re 10	1 5 5	0.005
		ea s o ro ate e o C.. e t e o 3	13 37	0.005
	7	t oa tar te p.	599 93	0.050
		Tr s oroet p osp ate	115 9	0.050
	9	o ro ate	77 9 09 5	0.005
	30	or a	100 3 35 3 11113 50 1	0.005
	31	D so tetra orate a ro s	1303 9 1330 3 1 179 0 3	0.005
	3	otass ro ate	77 9 00	0.005
	33	otass ro ate	777 50 9	0.005
	3	So ro ate	7775 11 3	0.005
	35	Tetra oro so eptao e rate	1 7 73 1	0.005
	3	Tr oroet e e	79 01	0.050
	37	Et o et a o	110 0 5	0.050
	3	et o et a o	109	0.050
	39	C ro a o ers o ro a a ro a D ro a	773 9 5 13530	0.005



Test Report

No. TSNEC1700935719

Date: 0

017

Page 1 of 1

SC

ppp

Test items SC:

Item	No.	Substance Name	CS No.	R
	0	Control	1333 0	0.005
	1	Carbamate	513 79 1	0.005
		Carbamate	71 7	0.005
	3	Carbamate	101 1 05	0.005
		Carbamate	101 3 3	0.005
	5	1,3-dichloropropane	9 1	0.050
		1,1,1-trichloro-2,2,2-trifluoroethane C7 r	71 9	0.050
	7	1,1,1-trichloro-2,2,2-trifluoroethane C7 11 r	515	0.050
		1,1,1-trichloro-2,2,2-trifluoroethane	7 50	0.050
	9	1,1,1-trichloro-2,2,2-trifluoroethane	111 15 9	0.050
	50	1,1,1-trichloro-2,2,2-trifluoroethane	7 03 57 30 01	0.050
	51	Styrene	77 9 0	0.005
	5	1,1-Dichloroethane	107 0	0.050
	53	1,1-Dichloroethane	101 1	0.050
	5	1,1-Dichloroethane	90 0 0	0.050
	55	1,1,1,3-tetrahydro-2H-pyridin-2-one	1 0 9	0.050
	5	1,1,1,3-tetrahydro-2H-pyridin-2-one	50 017 00 o.	0.005
	57	1,1,1,3-tetrahydro-2H-pyridin-2-one	777 39	0.005
	5	1,1,1,3-tetrahydro-2H-pyridin-2-one	111 9	0.050
	59	1,1,1,3-tetrahydro-2H-pyridin-2-one	117	0.050



Test Report

No. TSNEC1700935719

Date: 0

017

a e o 1

S C

pppe

st o teste S C:

at	No.	S sta e Na e	C S No.	R
	0	Ca arse ate	777 1	0.005
	1	D ro trs ro ate	13 9	0.005
		or a e e o o er rea to pro ts t a e	5 1 70	0.050
	3	ea a e ea a e	13 9	0.005
		ea p rate	77 1	0.005
	5	ea st p ate	15 5 0	0.005
		NN et a eta e	1 7 19 5	0.050
	7	e ta ro ate o ta ro e	9 3 5	0.005
		e op t ae	77 09	0.050
	9	otass ro o tao o ate ro ate	11103 9	0.005
	70	Tr ea arse ate	3 7 31	0.005
	71	r o a os ate Re ra tor Cera res	50 017 00 e o.	0.005
	7	a o 1 ap t et a ope et ee o ea 5 e 1 e e et a o or e C. as e	5 0 5 5	0.050
	73	s et a o e r ee o ea 5 e 1 ee et a o or e C. as o et 3	5 9	0.050
	7	1 s et o et o et a e TE D E tr e	11 9	0.050
	75	1 et o et a e et ee o et et er E D E	110 71	0.050
	7	s et a o e ope o e ers eto e	90 9	0.050
	77	s et a o et a o trt a o o	5 1 1 1	0.050
	7	D oro tro e	1303	0.005





Test Report

No. TSNEC1700935719

Date: 0

017

page 01

SC

pppe

st o teste S C:

at	No.	S sta eNa e	C S No.	R
	79	or a e	75 1 7	0.050
	0	ea s et a es o ate	17570 7	0.005
	1	NNNN tetra et et e e a e ers ase	101 1 1	0.050
		T C 135 trs o ra et 135 tra e 1 3 5 tro e	51 9	0.050
	3	s et a ope p e a o apt a e e 1 et a o C.. So et e	7 3 0	0.050
		T C 135 trs Sa R 3 epo prop 135 tra e 1 3 5 tro e	59 53 7	0.050
	5	t a ato o otr ea	9011 0 9	0.005
		1 e e e ar o a pe t ester ra e a ear	777 0 0	0.050
	7	1 Det o et a e	9 1 1	0.050
		1 ro opropa e	10 9 5	0.050
	9	3 Et et 3 et t 13 o a o e	1 3 0 0	0.050
	90	1 1 3 3 tetra et t p e o et o ate		0.050
	91	et e e o to e	3 0	0.050
	9	a e a ts sa ts	101 0	0.050
	93	oa o e e e	0 09 3	0.050
	9	et p e e e a e	95 0 7	0.050
	95	No p e o ra e a ear		0.050
	9	et o to e	1 0 7 1	0.050
	97	et a ea sat as	51 0 9	0.005



Test Report

No. TSNEC1700935719

Date: 0

017

page 10 of 1

SC

pppe

st o teste S C:

at	No.	S sta eNa e	C S No.	R
	9	p e a e	9 7 1	0.050
	99	s pe ta ro op e et er De a DE	11 3 19 5	0.050
	100	C o e a e1 ar o a r e s o e a e1 ar o a r e tra s o e a e1 ar o a r e	5 7 131 9 00 3 1 1 1 3	0.050
	101	Da e e1 ar o a e CC a o or a e	1 3 77 3	0.050
	10	D t t or e D TC	3 1 1	0.050
	103	Det s p ate	7 5	0.050
	10	D sope t p t a ate	05 50 5	0.050
	105	D et s p ate	77 7 1	0.050
	10	D ose	5 7	0.050
	107	Do o s stearato tr ea	1 57 1 0	0.005
	10	att a s C1 1 ea sa ts	91031	0.005
	109	ra	110 00 9	0.050
	110	e osa oro e a o a	05 9	0.050
	111	epta osa orotetra e a o a	37 0 7	0.050
	11	e a ro et p at a a r e e a ro et p at a a r e e a ro 1 et p at a a r e e a ro 3 et p at a a r e		0.050
	113	ea s tetra oro orate	13 1 9 5	0.005
	11	ea a a ate	0 37 9	0.005
	115	ea trate	10099 7	0.005
	11	ea o o e	1317 3	0.005



Test Report

No. TSNEC1700935719

Date: 0

017

Page 1 of 1

SC

pppe

Test items SC:

Item	No.	Substance Name	CS No.	R
	117	Lead acetate	1 03 7 9	0.005
	11	Lead tetraacetate	131 1	0.005
	119	Lead triacetate	1 0 0 00 3	0.005
	1 0	Lead triacetate	1 1	0.005
	1 1	Lead acetate	5 5	0.050
	1	Lead propionate	75 5 9	0.050
	1 3	Lead acetate	1	0.050
	1	Lead acetate	79 1 3	0.050
	1 5	Lead triacetate	77 97 9 9	0.050
	1	Lead acetate	97 5 3	0.050
	1 7	Lead acetate	95 53	0.050
	1	Lead acetate	7 9 9	0.050
	1 9	Lead tetraacetate	1 0 5 90	0.005
	130	Lead acetate	01 00	0.005
	131	Lead acetate	7 75	0.005
	13	Lead acetate	111 0	0.005
	133	Lead acetate	9 0 7	0.005
	13	Tetraacetate	7 00	0.005
	135	Tetraacetate	1 0 17	0.005
	13	Triacetate	307 55 1	0.050
	137	Triacetate	1319	0.005



Test Report

No. TSNEC1700935719

Date: 0

017

a e 1 o 1

S C

pppe

st o teste S C:

at	No.	S sta eNa e	C S No.	R
	13	Tr ea o e p osp o ate	1 1 1 0 7	0.005
	139	No p e o ra e a ear et o ate		0.050
	1 0	o pe ta e a oroo ta oate	3 5 1	0.050
	1 1	Ca o e	130 19 0	0.005
	1	Ca	7 0 3 9	0.005
	1 3	D pe t p t a ate D	131 1 0	0.050
	1	e ta e a oroo ta o a	335 7 1	0.050
	1 5	Ca s p e	130 3	0.005
	1	D e p t a ate	75 3	0.050
	1 7	Dso 33 11 pe sa o s a o apt a e e 1 s p o ate C..Dre t Re	573 5 0	0.050
	1	Dso a o 3 a o p e a o 11 pe a o 5 ro p e a o apt a e e 7 s p o ate C..Dre t a 3	1937 37 7	0.050
	1 9	a o e t o e a o e t o	9 5 7	0.050
	150	ea a etate	301 0	0.005
	151	Tr p osp ate	5155 3 1	0.050
	15	1 e e e ar o a e ester ra e a ear	515 50	0.050
	153	Ca or e	1010	0.005
	15	So per orate per or a so sat		0.005
	155	So pero o eta orate	7 3 0	0.005



Test Report

No. TSNEC1700935719

Date: 0

017

a e 13 o 1

S C

ppe

st o teste S C:

at	No.	S sta eNa e	C S No.	R
	15	e otra o tertpe t p e o 3	5973 55 1	0.050
	157	e otra o tert t p e o 3 0	3 71 7	0.050
	15	et e 10 et o t 7 o o o a 35 t a sta atetra e a oate D TE	15571 5 1	0.050
	159	Ca or e	7790 79	0.005
	1 0	Ca s p ate	101 3 31119 53	0.005
	1 1	Rea to asso et e 10 et o t 7 o o o a 35 t a sta atetra e a oate et e 10 et et e o o oet t o o t 7 o o o a 35 t a sta atetra e a oate rea to asso D TE TE		0.050
	1	1 e e e ar o a C 10 a esters 1 e e e ar o a e e a e a o t esters t 0.3 o e p t a ate	515 51 5 93 1	0.050
	1 3	5 se t et o e 3 e 1 5 et 13 o a e 1 5 se t et o e 3 e 1 5 et 13 o a e o er a o t e a so ers o 1 a ora o ato t ereo		0.050
	1	13 propa es to e	11 0 71	0.050
	1 5	tert t 5 oro e otra o p e o 3 7	3 99 1	0.050
	1	e otra o tert t se t p e o 350	3 37 37 3	0.050
	1 7	Ntro e e e	9 95 3	0.050



Test Report

No. TSNEC1700935719

Date: 0

017

a e 1 o 1

S C

ppe

st o teste S C:

at	No.	S sta e Na e	C S No.	R
	1	er oro o a 1 o a a ts so a a o sa ts	375 95 1 10 9 39 1 9 0	0.050
	1 9	e o e r se e e o a p re e	50 3	0.050
	170	soprop e e p e o sp e o	0 05 7	0.050
	171	ept p e o ra e a ear		0.050
	17	No a e a oro e a o a D a ts so a a o sa ts	310 7 335 7 3 30 5 3	0.050
	173	p 1 1 et prop p e o	0	0.050



Test Report  
S C

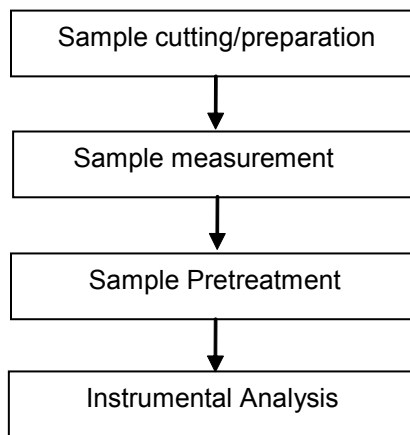
No. TSNEC1700935719

Date: 0

017

a e 15 o 1

- 1) Name of the person who made testing: Cathy Zhang/Jin Wang
- 2) Name of the person in charge of testing: Aaron Wang/Rex Zhu





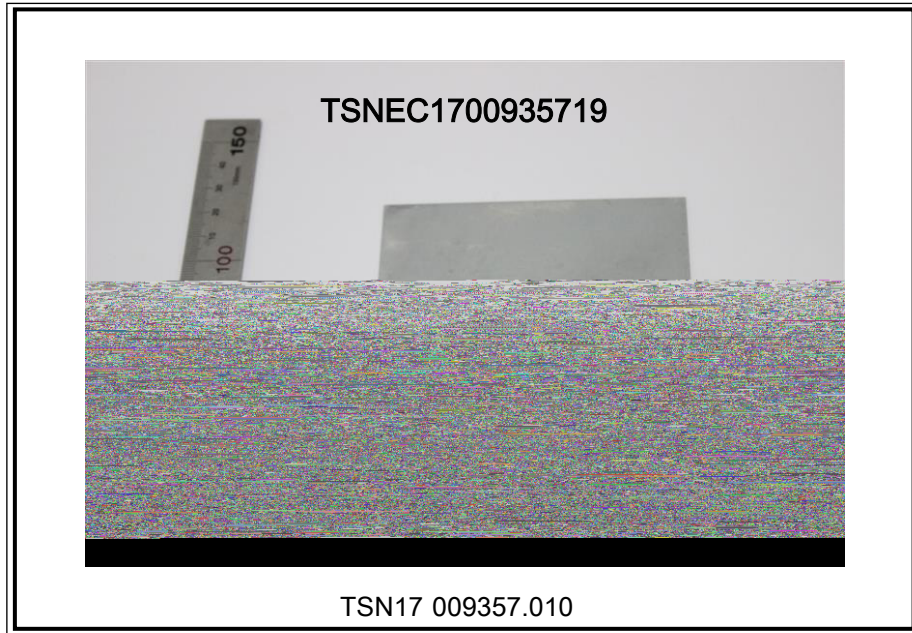
Test Report  
S C

No. TSNEC1700935719

Date: 0 017

a e 1 o 1

Sa p e p o t o:



S S a t e t a t e p o t o o r a r e p o r t o

E o R e p o r t