



SURETANK
Engineering a better, safer future

SURETANK (THAILAND) COMPANY LIMITED
24/15 Moo 6 Samnakthon, Ban Chang
Rayong 21130 THAILAND
Tel. +66 (0) 33 658-210 Fax +66 (0) 33 658-209
Website: www.suretank.co.th

Magnetic Particle Inspection Report

Client	SURETANK	Date	6-Jun-14
PO No.	CN1354	Product No.	BM-B-4411
Container Type	43.6FT CARGO BASKET		

Design Code	DNV 2.7-1 / EN12079	Acceptance Criteria	EN ISO 23278 Level 1
MPI Procedure	QP-QC-03	Material	Carbon steel
Surface Condition	☐ Prepared Edge ☒ As Welded ☐ After Heating ☐ Other		
Surface Preparation	☒ Brushing ☐ Grinding ☐ Machining ☐ Other	Magnetization Method	☒ Continuous ☐ Residual

Utilized Equipment	Parker A/C Yoke Model MP-A2	Serial No. MP2700	Magnetizing Current	☒ AC 230 Amp.	☐ DC Amp.
Utilized Particles	☒ Colour Contrast	☒ Wet	☐ Dry	☐ Fluorescent	
Consumables	NABAKEM White Contrast MP-35 / Black Magnetic Ink SM15				

Joint No.	% on NDE	Judgment	Joint No.	% on NDE	Judgment	Joint No.	% on NDE	Judgment	Joint No.	% on NDE	Judgment	Joint No.	% on NDE	Judgment
1	100	Accepted	31	100	Accepted	61	20	Accepted	91	20	Accepted	121	100	Accepted
2	100	Accepted	32	100	Accepted	62	20	-	92	20	-	122	100	Accepted
3	100	Accepted	33	100	Accepted	63	20	-	93	20	-	123	100	Accepted
4	100	Accepted	34	100	Accepted	64	20	-	94	20	-	124	100	Accepted
5	100	Accepted	35	100	Accepted	65	20	Accepted	95	20	Accepted	125	20	-
6	100	Accepted	36	100	Accepted	66	20	-	96	20	-	126	20	-
7	100	Accepted	37	20	-	67	20	-	97	20	-	127	20	-
8	100	Accepted	38	20	-	68	20	-	98	20	-	128	20	Accepted
9	100	Accepted	39	20	Accepted	69	20	Accepted	99	20	-	129	20	-
10	100	Accepted	40	20	-	70	20	-	100	20	-	130	20	Accepted
11	100	Accepted	41	20	-	71	20	-	101	20	Accepted	131	20	-
12	100	Accepted	42	20	-	72	20	-	102	20	-	132	20	-
13	100	Accepted	43	20	Accepted	73	20	-	103	20	-	133	20	Accepted
14	100	Accepted	44	20	-	74	20	-	104	20	Accepted			
15	100	Accepted	45	20	-	75	20	Accepted	105	20	-			
16	100	Accepted	46	20	-	76	20	-	106	20	-			
17	100	Accepted	47	20	-	77	20	-	107	20	-			
18	100	Accepted	48	20	-	78	20	-	108	20	-			
19	100	Accepted	49	20	-	79	20	-	109	100	Accepted			
20	100	Accepted	50	20	-	80	20	-	110	100	Accepted			
21	100	Accepted	51	20	Accepted	81	20	Accepted	111	100	Accepted			
22	100	Accepted	52	20	-	82	20	-	112	100	Accepted			
23	100	Accepted	53	20	-	83	20	-	113	100	Accepted			
24	100	Accepted	54	20	-	84	20	-	114	100	Accepted			
25	100	Accepted	55	20	-	85	20	-	115	100	Accepted			
26	100	Accepted	56	20	-	86	20	Accepted	116	100	Accepted			
27	100	Accepted	57	20	Accepted	87	20	-	117	100	Accepted			
28	100	Accepted	58	20	-	88	20	-	118	100	Accepted			
29	100	Accepted	59	20	-	89	20	-	119	100	Accepted			
30	100	Accepted	60	20	-	90	20	-	120	100	Accepted			

Note ;

- 1.) The padeye weld was carried out before and after proof load test.
- 2.) The MPI for padeye and primary structure (essential) carried out by 100%, primary structure (non-essential) 20%.
- 3.) The MPI for secondary structure are carried out by random examination.
- 4.) Attached of Visual Inspection and Weld Map Report

Inspected By	Reviewed / Approved By	Reviewed / Approved By
Teangkaew Th. <i>Th.</i> 6-Jun-2014	<i>Bancho J.</i> QA/QC SURETANK (THAILAND) CO. LTD.	<i>MB</i> NORSKE VERITING 1864 BANGKOK
NDE Level II	Quality Manager	Surveyor 12 JUN 2014



SURETANK (THAILAND) COMPANY LIMITED

24/15 Moo 6 Samnakthong, Ban Chang

Rayong 21130 THAILAND

SURETANK

Engineering a better, safer future

Tel. +66 (0) 33 658-210 Fax +66 (0) 33 658-208

Website: www.suretank.co.th

Acceptance Criteria EN ISO 5817 : 2007

Quality level B

PO No.: CN1354

Product Type : 43.6 FT CARGO BASKET

Product No.: BM-B-4411

Date : 7-Jun-14

Checked By QC Inspector :

SURETANK (THAILAND) CO., LTD.	
QA/QC	
☒ Reviewed	
☐ Witnessed	
☐ Inspected	
Name: <u>P. J. J.</u>	
Date: <u>7 Jun - 14</u>	

(Mr. Watchara Odthong)

No.	Welder ID	MT Ins.	No.	Welder ID	MT Ins.	No.	Welder ID	MT Ins.	No.	Welder ID	MT Ins.	No.	Welder ID	MT Ins.	No.	Welder ID	MT Ins.
1	S-W-190,177	Accepted	21	S-W-241	Accepted	41	S-W-236	Accepted	61	S-W-081	Accepted	81	S-W-190	Accepted	101	S-W-215	Accepted
2	S-W-190,177	Accepted	22	S-W-241	Accepted	42	S-W-236	Accepted	62	S-W-081	Accepted	82	S-W-190	Accepted	102	S-W-215	Accepted
3	S-W-187,182	Accepted	23	S-W-241	Accepted	43	S-W-236	Accepted	63	S-W-081	Accepted	83	S-W-190	Accepted	103	S-W-215	Accepted
4	S-W-187,182	Accepted	24	S-W-241	Accepted	44	S-W-236	Accepted	64	S-W-081	Accepted	84	S-W-190	Accepted	104	S-W-215	Accepted
5	S-W-236	Accepted	25	S-W-237	Accepted	45	S-W-236	Accepted	65	S-W-081	Accepted	85	S-W-190	Accepted	105	S-W-241	Accepted
6	S-W-236	Accepted	26	S-W-237	Accepted	46	S-W-236	Accepted	66	S-W-081	Accepted	86	S-W-190	Accepted	106	S-W-241	Accepted
7	S-W-236	Accepted	27	S-W-237	Accepted	47	S-W-236	Accepted	67	S-W-081	Accepted	87	S-W-190	Accepted	107	S-W-241	Accepted
8	S-W-236	Accepted	28	S-W-237	Accepted	48	S-W-236	Accepted	68	S-W-081	Accepted	88	S-W-190	Accepted	108	S-W-241	Accepted
9	S-W-081	Accepted	29	S-W-237	Accepted	49	S-W-190	Accepted	69	S-W-081	Accepted	89	S-W-190	Accepted	109	S-W-115	Accepted
10	S-W-081	Accepted	30	S-W-237	Accepted	50	S-W-190	Accepted	70	S-W-081	Accepted	90	S-W-190	Accepted	110	S-W-115	Accepted
11	S-W-081	Accepted	31	S-W-081	Accepted	51	S-W-190	Accepted	71	S-W-236	Accepted	91	S-W-177	Accepted	111	S-W-115	Accepted
12	S-W-081	Accepted	32	S-W-081	Accepted	52	S-W-190	Accepted	72	S-W-236	Accepted	92	S-W-177	Accepted	112	S-W-115	Accepted
13	S-W-081	Accepted	33	S-W-081	Accepted	53	S-W-190	Accepted	73	S-W-236	Accepted	93	S-W-177	Accepted	113	S-W-115	Accepted
14	S-W-081	Accepted	34	S-W-081	Accepted	54	S-W-190	Accepted	74	S-W-236	Accepted	94	S-W-177	Accepted	114	S-W-115	Accepted
15	S-W-081	Accepted	35	S-W-081	Accepted	55	S-W-190	Accepted	75	S-W-236	Accepted	95	S-W-177	Accepted	115	S-W-115	Accepted
16	S-W-081	Accepted	36	S-W-081	Accepted	56	S-W-190	Accepted	76	S-W-236	Accepted	96	S-W-177	Accepted	116	S-W-115	Accepted
17	S-W-081	Accepted	37	S-W-236	Accepted	57	S-W-081	Accepted	77	S-W-236	Accepted	97	S-W-177	Accepted	117	S-W-187	Accepted
18	S-W-081	Accepted	38	S-W-236	Accepted	58	S-W-081	Accepted	78	S-W-236	Accepted	98	S-W-177	Accepted	118	S-W-187	Accepted
19	S-W-081	Accepted	39	S-W-236	Accepted	59	S-W-081	Accepted	79	S-W-236	Accepted	99	S-W-177	Accepted	119	S-W-187	Accepted
20	S-W-081	Accepted	40	S-W-236	Accepted	60	S-W-081	Accepted	80	S-W-236	Accepted	100	S-W-177	Accepted	120	S-W-187	Accepted