



DryDocks World (Dubai) Super Therm Test Results (Winter 2011)

Tested in real world environments, for 48 hours,

Surface was not cleaned when tested!!!



QC-2 Container (WITH SUPER THERM)

HR-2 Container (WITHOUT SUPER THERM)

Condition: Air Conditioning system was stopped throughout the duration of the trial

4/Nov/11

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Time	Container Temperature		Remarks
	in	out	
	°C		
9:00	31.8	37.6	No AC
10:00	34.8	39.5	No AC
11:00	38.4	40.6	No AC
12:00	40.5	39.1	No AC
13:00	42.6	39.1	No AC
14:00	41.4	36.7	No AC
15:00	38.9	36.2	No AC
16:00	38.7	33.8	No AC
17:00	36.1	29.9	No AC
Average	35.0	39.2	

Time	Container Temperature		Remarks
	in	out	
	°C		
9:00	35.2	36.9	No AC
10:00	38.5	40.1	No AC
11:00	43.8	41.0	No AC
12:00	46.2	42.4	No AC
13:00	47.1	40.9	No AC
14:00	45.6	36.3	No AC
15:00	44.4	35.4	No AC
16:00	41.8	34.8	No AC
17:00	38.7	31.4	No AC
Average	39.2	39.3	

Difference in Inside Temperature	
	in
	°C
3.4	
3.7	
5.4	
5.7	
4.5	
4.2	
5.5	
3.1	
2.6	
Average	4.2

5/Nov/11

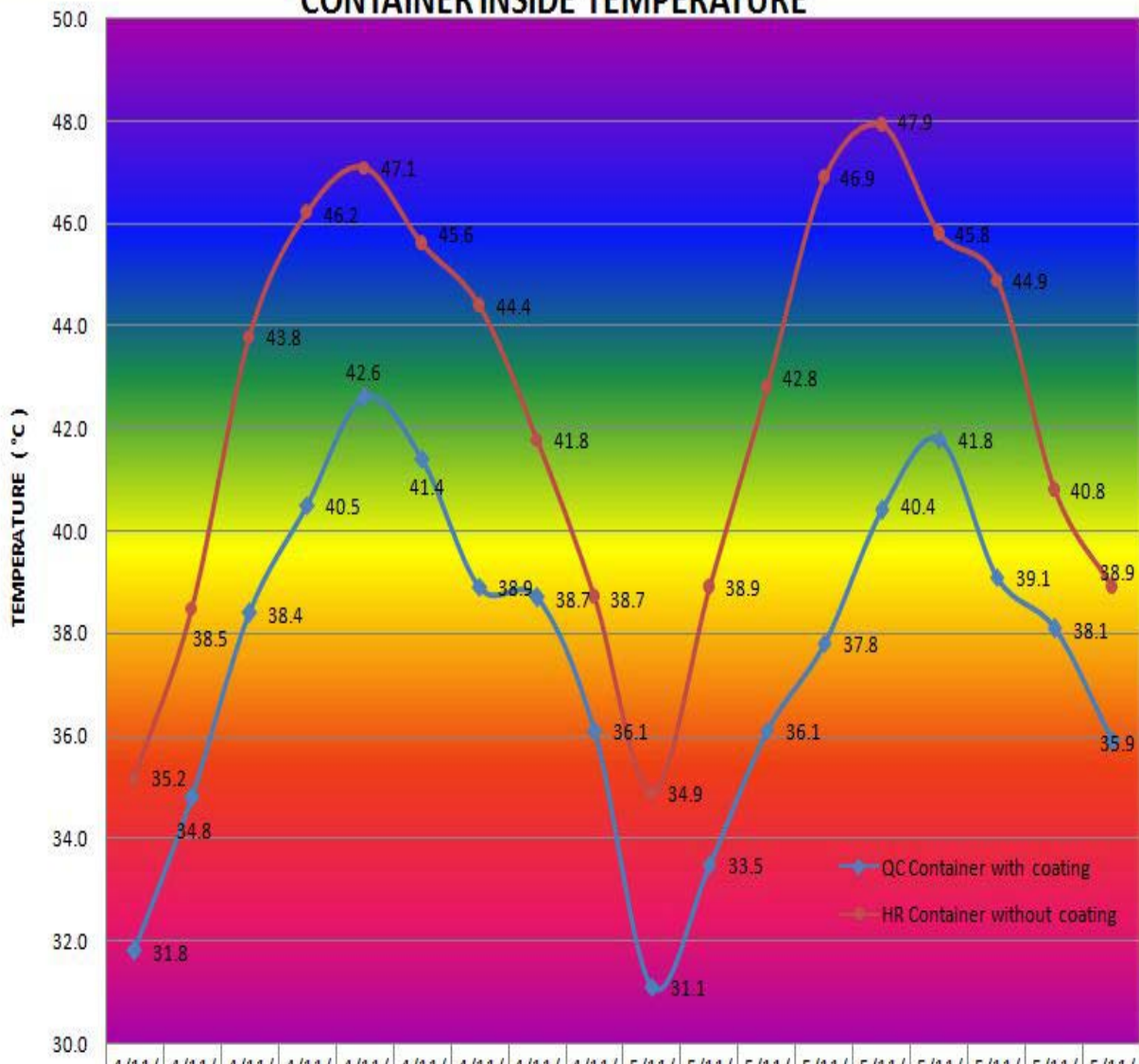
5/Nov/11

Time	Container Temperature		Remarks
	in	out	
	°C		
9:00	31.1	36.5	No AC
10:00	33.5	38.5	No AC
11:00	36.1	37.5	No AC
12:00	37.8	38.7	No AC
13:00	40.4	39.1	No AC
14:00	41.8	36.5	No AC
15:00	39.1	35.2	No AC
16:00	38.1	33.1	No AC
17:00	35.9	29.1	No AC
Average	33.6	37.5	

Time	Container Temperature		Remarks
	in	out	
	°C		
9:00	34.9	36.9	No AC
10:00	38.9	40.8	No AC
11:00	42.8	42.1	No AC
12:00	46.9	42.8	No AC
13:00	47.9	40.7	No AC
14:00	45.8	37.1	No AC
15:00	44.9	35.9	No AC
16:00	40.8	34.8	No AC
17:00	38.9	30.4	No AC
Average	38.9	39.9	

Difference in Inside Temperature	
	in
	°C
3.8	
5.4	
6.7	
9.1	
7.5	
4.0	
5.8	
2.7	
3.0	
Average	5.3

CONTAINER INSIDE TEMPERATURE



◆ QC Container with coating

● HR Container without coating

4/11/ 9:00	4/11/ 10:00	4/11/ 11:00	4/11/ 12:00	4/11/ 13:00	4/11/ 14:00	4/11/ 15:00	4/11/ 16:00	4/11/ 17:00	5/11/ 9:00	5/11/ 10:00	5/11/ 11:00	5/11/ 12:00	5/11/ 13:00	5/11/ 14:00	5/11/ 15:00	5/11/ 16:00	5/11/ 17:00
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◆ QC Container with coating	31.8	34.8	38.4	40.5	42.6	41.4	38.9	38.7	36.1	31.1	33.5	36.1	37.8	40.4	41.8	39.1	38.1	35.9
● HR Container without coating	35.2	38.5	43.8	46.2	47.1	45.6	44.4	41.8	38.7	34.9	38.9	42.8	46.9	47.9	45.8	44.9	40.8	38.9