BAE Systems
San Francisco Ship Repair
Foot of 20th Street
San Francisco, California 94107-3005
415-861-7447

BAE SYSTEMS

RECEIVED

2017 JAN -4 PM 1:36

BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

December 21, 2016

Director of Compliance and Enforcement
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109
Attn: Title V Reports

Director of the Air Division
USEPA, Region IX
75 Hawthorne, Street
San Francisco, CA 94105
Attention: Air-3

Subject: Title V Semi-Annual Monitoring Report for period 6/1/2016 to 11/30/2016

BAE Systems San Francisco Ship Repair Inc. ("BAE Systems") herewith submits the Semi-Annual Report for Facility A3288. This report includes detailed reports and compliance reporting for the following sources for the Semi-Annual period between June 1, 2016 and November 30, 2016:

S1: Paint Spraying/Abrasive Blasting Operation
Status: Full Compliance.

S2: Sandblasting Operation
Status: Full Compliance

S10: Paint Spray Booth
Status: Full Compliance

S12: Polyester Resin Operation, Hand Lay-up
Status: Full Compliance (Operation not performed this period)

S13: Auxiliary Harbor Craft Diesel Engine
Status: Full Compliance

S16: Abrasive Blasting Room
Status: Full Compliance

Compliance Certification

Based on information and belief formed after reasonable inquiry, the statements and information in this report and the attached Compliance Certification Report form are true, accurate, and complete.

Sincerely,

Michael Gerbracht
General Manager
BAE Systems San Francisco Ship Repair Inc.
Facility #A3288

[Enclosures]

S1: Paint Spraying on Dry Docks

Paint Operations Drydocks (S1)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N)	COATING TYPE	DAILY COATING USAGE (GAL)	DAILY USAGE THINNER (THINNER)	COMMENTS
6/22/2016	y	W	N	175 gals Amercoat 240 haze gray	175	20	used to paint barge
6/23/2016	y	WNW	N	80 gals Amercoat 240 black	80	20	applied to freeboard
6/24/2016	y	WNW	N	65 gals Amercoat 240 haze gray	65	7.5	applied to freeboard
6/24/2016	y	WNW	N	60 gals Amercoat ABC #3 A/F	60	7.5	applied to freeboard
6/27/2016	Y	WNW	N	30 gals Amercoat 240 haze gray	30	10	applied to freeboard
6/30/2016	Y	WNW	N	45 gals Amercoat 240 black	45	12.5	applied A/F to UWH
6/30/2016	Y	WNW	N	25gals Amercoat 240 black	25	12.5	applied 240 black to F/B
TOTAL					**480**	**90**	

Paint Operations Drydocks (S1)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N)	COATING TYPE	DAILY COATING USAGE (GAL)	DAILY USAGE THINNER (THINNER)	COMMENTS
7/1/2016	y	NW	N	28 gals Amercoat ABC #3 red A/F	28	2.5	Used red A/F to paint stern and cat line
7/1/2016	y	NW	N	8 gals Amercoat 240 haze gray	8	2.5	
7/5/2016	y	W	N	18 gals Amercoat 240 haze gray	18	2.5	Applied to rake and blocks
7/5/2016	y	W	N	5 gals Amercoat ABC #3 red A/F	5	2.5	Applied in way of blocks
7/6/2016	y	W	N	15 gals Amercoat 240 black	15	2.5	Applied to fwd rake
7/6/2016	Y	W	N	5 gals Amercoat ABC #3 red A/F	5	2.5	Applied to blocks
7/7/2016	Y	W	N	10 gals Amercoat 240 black	10	5	Applied to fwd end flat bottom
7/7/2016	Y	W	N	10 gals Amercoat ABC #3 red A/F	10	5	Applied to fwd end flat bottom
MONTHLY TOTAL					99	25	

Paint Operations Drydocks (S1)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N)	COATING TYPE	DAILY COATING USAGE (GAL)	DAILY USAGE THINNER (THINNER)	COMMENTS
8/13/2016	y	WNW	N	1 gal Ameron 302 H dimetcoat	1	0.75	Applied to blocks and shives
8/13/2016	y	WNW	N	0.75 gals Amercoat 240 buff	0.75	0.75	Applied to blocks and shives
8/14/2016	y	WNW	N	0.75 gals Amercoat 240 white	0.75	0.17	Applied to blocks and shives
8/14/2016	y	WNW	N	0.75 gals Ameron 302 H dimetcoat	0.75	0.17	Applied to blocks and shives
8/14/2016	y	WNW	N	0.75 gals Amercoat 240 buff	0.75	0.17	Applied to blocks and shives
8/15/2016	Y	WNW	N	1.5 gals Amercoat 240 dark gray	1.5	0	Applied to base of all king post
8/16/2016	Y	WNW	N	0.5 gals Amercoat 240 oxide red	0.5	0	Applied to king post pade eyes # 2/6
8/16/2016	Y	WNW	N	1 gals Amercoat 240 haze gray	1	5	Applied to king post pade eyes # 2/6
8/17/2016	Y	NW	N	1 gals Amershield white	1	0	Applied to blocks and shives
8/18/2016	Y	NW	N	0.5 gals Amershield white	0.5	0	Applied to blocks and shives
8/18/2016	Y	NW	N	0.5 gals Amercoat 240 haze gray	0.5	0	Applied to pad eyes
8/19/2016	Y	NW	N	4.5 gals Amercoat 240 oxide red	4.5	2	Applied to winch #3, #4 including drum winch. Applied to blocks and shives
8/20/2016	Y	WNW	N	4.5 gals Amercoat 240 haze gray	4.5	2	Applied to 2 winches and 2 drums, including blocks and shives
8/21/2016	Y	W	N	2 gals Amercoat 240 haze gray	2	0.67	Applied to winch #4

8/21/2016	Y	W	N	2 gals Amershield navy 27 haze gray	2	0.67	Applied to winch #3
8/21/2016	Y	W	N	1.5 gals Amercoat 240 white	1.5	0.67	Applied to blocks and shives
8/22/2016	Y	W	N	2 gals Amershield navy 27 haze gray	2	1	Applied to winch #4
8/22/2016	Y	W	N	1 gals Amershield white	1	1	Applied to blocks and shives
8/23/2016	Y	WNW	N	0.5 gals Amershield white	0.5	0	Applied to king post #8
8/23/2016	Y	WNW	N	0.5 gals Amercoat 240 oxide red	0.5	0	Applied to winch booths
8/24/2016	Y	WNW	N	1.5 gals Ameron 302 H dimetcoat	1.5	1	Applied to blocks and shives
8/25/2016	Y	W	N	0.5 gals Amercoat 240 oxide red	0.5	1	Applied to foundations in pump room
8/26/2016	Y	SSW	N	0.75 gals Amershield navy 27 haze gray	0.75	0	Applied to booths #2 and #3
8/30/2016	Y	W	N	2.5 gals Amercoat 240 oxide red	2.5	0.5	Applied to foundation
MONTHLY TOTAL					**32.75**	**17.52**	

Paint Operations Drydocks (S1)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N)	COATING TYPE	DAILY COATING USAGE (GAL)	DAILY USAGE THINNER (THINNER)	COMMENTS
9/7/2016	y	NW	N	Interlac 537 soft white	0.75	0	Applied to pipes
9/7/2016	y	NW	N	Amercoat 240 oxide red	0.5	0	Applied to pipes
9/8/2016	y	NW	N	Amershield navy 27 haze gray	0.5	0	Applied to winch bolts on #3 and #4
9/8/2016	y	NW	N	Amercoat 240 dark gray	0.5	0	Applied to foundation
9/10/2016	y	WNW	N	Amershield navy 27 haze gray	0.75	0	Applied to new bolts and scratches
TOTAL					**3**	**0**	

Paint Operations Drydocks (S1)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N)	COATING TYPE	USAGE (GAL)	DAILY USAGE THINNER (THINNER)	COMMENTS
10/20/2016	Y	NW	N	Amercoat 240 Oxide Red	50	5	applied to base steel
10/20/2016	Y	NW	N	Amercoat 240 black	10	5	applied to base steel
10/21/2016	Y	WNW	N	Amercoat 240 oxide red	10	5	applied to frames
10/28/2016	Y	S	N	Amerlock 400/ #2 white	50	10	applied to #2 booms
10/31/2016	Y	S	N	Amerlock 400/ #2 white	10	4	applied to turned booms
TOTAL					**130**	**29**	

Paint Operations Drydocks (S1)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N)	DAILY COATING USAGE (GAL)	DAILY USAGE THINNER (THINNER)	COMMENTS
11/1/2016	Y	W	N	45 gals Ameron PSX 700 black	10 gals thinner used	applied to booms
11/3/2016	Y	SE	N	15 gals Ameron PSX 700 black	4 gals thinner used	applied to booms
11/4/2016	Y	SSE	N	1.5 gals Ameron PSX 700 black	No thinner used	applied to booms
11//8/2016	Y	E	N	30 gals Jotomastic 80 aluminum red	10 gals thinner used	spot coat keel to boot top, bow to pass mid ship
11/9/2016	Y	SSE	N	15 gals Jotomastic 80 aluminum red	1.33 gals thinner used	spot coat UWH and howse pipe
11/9/2016	Y	SSE	N	1 gal Jotun barrier AV yellow green zinc	1.33 gals thinner used	spot coat UWH and howse pipe
11/9/2016	Y	SSE	N	25 gals Jotun hardtop XP 0.71 gray	1.33 gals thinner used	spot coat UWH and howse pipe
11/10/2016	Y	SE	N	20 gals Jotun hardtop XP 071 gray	No thinner used	applied 2nd coat to freeboard howse pipes, including doors
11/10/2016	Y	SE	N	1.5 gals Jotomastic 80 gray	No thinner used	coated the freeboard
11/11/2016	Y	NW	N	25 gals Jotun hardtop XP 071 gray	3.33 gals thinner used	coated the freeboard
11/11/2016	Y	NW	N	2 gals Jotomastic 80 gray	3.33 gals thinner used	applied 2nd spot coat to boot top
11/11/2016	Y	NW	N	15 gals Jotun hardtop XP black	3.33 gals thinner used	coated boot top

11/15/2016	Y	SSE	N	390 gals seaforce 200 AV dark red A/F	25 gals thinner used	applied full coat to UWH
11/16/2016	Y	S	N	410 gals seaforce 200 AV black A/F	25 gals thinner used	applied to UWH, including 2 sea chest and scoops
11/17/2016	Y	SE	N	20 gals seaforce 200 AV black A/F	No thinner used	cut line and paint sea chest
11/17/2016	Y	SE	N	1 gal Jotun hardtop XP white	No thinner used	painted UWH markings
11/18/2016	Y	S	N	2 gals Jotun hardtop XP white	No thinner used	painted UWH markings
11/21/2016	Y	SSE	N	1.5 gals Jotun hardtop XP white	No thinner used	rolled and brushed UWH markings
11/22/2016	Y	S	N	1 gal Jotun hardtop XP white	No thinner used	brushed in road map "U" wild -UWH
MONTHLY TOTAL				**1021.5**	**119.3**	

S2: SAND BLASTING

Sandblast Operations (S2)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N?)	DAILY USAGE ABRASIVE (TONS)	
6/16/2016	Y	SSW	N	20	
6/16/2016	Y	SSW	N	20	
6/17/2016	Y	SSW	N	27	
6/17/2016	Y	SSW	N	25	
6/18/2016	Y	WNW	N	25	
6/18/2016	Y	WNW	N	25	
6/20/2016	Y	WNW	N	12	
6/20/2016	Y	WNW	N	8	
6/21/2016	Y	WNW	N	10	

MONTHLY TOTAL **172**

Sandblast Operations (S2)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSION S (Y/N?)	DAILY USAGE ABRASIVE (TONS)	
10/12/2016	Y	W	N	12	
10/13/2016	Y	SSE	N	5	
10/17/2016	Y	W	N	12	
10/18/2016	Y	WNW	N	6	
MONTHLY TOTAL				**35**	

Sandblast Operations (S2)

DATE	CURTAINS IN PLACE (Y/N)	WIND DIRECTION (WINDSOCK)	VISIBLE EMISSIONS (Y/N?)	DAILY USAGE ABRASIVE (TONS)	
11/3/2016	Y	SSE	N	18	
11/4/2016	Y	SSE	N	20	
11/7/2016	Y	W	N	16	
MONTHLY TOTAL				**54**	

S10: PAINT SPRAY BOOTH

DATE	TYPE OF COATING/THINNER SPRAYED	VOC CONTENT (lb/gl)	DAILY COATING USAGE (MAX. 40 gal/day)	DAILY THINNER USAGE (MAX. 4 gal/day)	NOTES
6/14/2016	Amershield haze gray	2.2	0.5	1	Painted 2 large lathe gear boxes
6/17/2016	Amercoat 240 haze gray	1.2	1	1	Primed 4 steel plates
6/21/2016	Amercoat 240 oxide red	1.2	2	1	Primed 24 smal plates, 2 foundadtions and 1 curved plate
6/22/2016	Amercoat 240 oxide red	1.2	3	1	Primed 13 plates
6/22/2016	Amercoat 240 oxide red	1.2	1	1	Primed 32 small plates
6/24/2016	Amercoat 240 haze gray	1.2	1.5	1	Applied 2nd coat to 32 small plates and 2 foundations
6/24/2016	Amercoat 240 oxide red	1.2	2	1	Applied 2nd coat to 32 small plates and 2 foundations
6/27/2016	Amercoat 240 oxide red	1.2	0.5	1	Primed 4 inserts and 1 foundation
6/27/2016	Amershield Navy 27 haze gray	2.2	1	1	Applied 3rd coat to 2 foundations and 32 plates
6/29/2016	Amercoat 240 oxide red	1.2	5	1	Primed 2 foundations , 2 flat bars, 5 "I" beams and 10 gussets
6/30/2016	Amercoat 240 oxide red	1.2	3.5	1	Primed 2 each 20 ft catwalks and 2 handrails
Montly Total			21	11	

DATE	TYPE OF COATING/THINNER SPRAYED	VOC CONTENT (lb/gl)	DAILY COATING USAGE (MAX. 40 gal/day)	DAILY THINNER USAGE (MAX. 4 gal/day)	NOTES
7/1/2016	Amercoat 240 off white	1.2	4	1	Applied 2nd coat to 4 foundations, 2 handrails and 10 gussets
7/1/2016	Amercoat 240 oxide red	1.2	2	1	Primed 2 ladders
7/5/2016	Amercoat 240 off white	1.2	2	1	Applied 2nd coat to 2 ladders
7/5/2016	Amershield Navy 27 haze gray	2.2	3	1	Applied 3r5d coat to 4 foundations, 2 handrails and 10 gussets
7/6/2016	Amershield Navy 27 haze gray	2.2	1.5	1	Applied 3rd coat to 2 ladders
7/6/2016	Amercoat 240 oxide red	1.2	2.5	1	Primed 2 ladders, 2 hanrails and 39 small padeyes
7/7/2016	Amercoat 240 oxide red	1.2	1	1	Primed 2 handrails
7/7/2016	Amercoat 240 off white	1.2	2.5	1	Applied 2nd coat to 2 ladders, 2 handrails and 39 small padeyes
7/8/2016	Amercoat 240 off white	1.2	1	1	Applied 2nd coat to 2 handrails
7/8/2016	Amershield Navy 27 haze gray	2.2	2	1	Applied 3rd coat to 2 handrails, 2 ladders and 39 padeyes
7/11/2016	Amershield Navy 27 haze gray	2.2	1	1	Applied 3rd coat to 2 handrails
7/12/2016	Amercoat 240 oxide red	1.2	3	1	Primed 6 handrails
7/13/2016	Amercoat 240 off white	1.2	3	1	Applied 2nd coat to 6 handrails

7/14/2016	Amercoat 240 oxide red	1.2	1	1	Primed 4 handrails
7/14/2016	Amershield Navy 27 haze gray	2.2	2	1	Applied 3rd coat to 6 handrails
7/18/2016	Amercoat 240 oxide red	1.2	1.5	1	Primed 8 handrails
7/19/2016	Amercoat 240 off white	1.2	2.5	1	Applied 2nd coat to 14 handrails
Montly Total			35.5	17	

DATE	TYPE OF COATING/THINNER SPRAYED	VOC CONTENT (lb/gl)	DAILY COATING USAGE (MAX. 40 gal/day)	DAILY THINNER USAGE (MAX. 4 gal/day)	NOTES
8/5/2016	Amercoat 240 oxide red	1.2	1	1	primed 13 life raft cradles
8/8/2016	Amercoat 240 oxide red	1.2	1	1	resprayed 13 life boat racks to build up millage for 1st coat
8/9/2016	Amershield Navy 27 haze gray	2.2	2	1	applied 2nd coat to 13 life boat cradles
8/11/2016	Amercoat 240 oxide red	1.2	1	1	primed 2 vent and 2 vent covers
8/12/2016	Amercoat 240 haze gray	1.2	3	1	applied 2nd coat to 2 vents and 2 vent covers
8/13/2016	Amercoat 240 oxide red	1.2	1	1	primed brake bands
8/13/2016	Amercoat 240 haze gray	1.2	3	1	applied makeup coat to 2 vents and 2 doors
8/14/2016	Amercoat 240 haze gray	1.2	1	1	applied 2nd coat to brake bands
8/14/2016	Amershield white	2.2	1.5	1	apploied 3rd coat to 2 vents and 2 vent covers
8/15/2016	Amershield Navy 27 haze gray	2.2	2	1	applied 3rd coat to 2 vents, 2 vent covers and brake bands
8/17/2016	Ameron Dimetcote 302H	2.37	2	1	primed sheave parts
8/18/2016	Amercoat 240 buff	1.2	1	1	applied 2nd coat to sheave parts
8/19/2016	Amercoat 240 off white	1.2	1	1	applied 3rd coat to sheave parts
8/20/2016	Amershield white	2.2	1	1	applied 4th coat to sheave parts

8/25/2016	Amercoat 240 buff	1.2	3	1	applied 2nd coat to sheave parts
8/26/2016	Amercoat 240 off white	1.2	1	1	applied 3rd coat to sheave parts
8/27/2016	Amercoat 302 W zinc	2.37	0.5	1	primed RAM tensioner
8/27/2016	Amershield white	2.2	1	1	applied 4th coat to sheave parts
Montly Total			27	18	

DATE	TYPE OF COATING/THINNER SPRAYED	VOC CONTENT (lb/gl)	DAILY COATING USAGE (MAX. 40 gal/day)	DAILY THINNER USAGE (MAX. 4 gal/day)	NOTES
9/14/2016	Amercoat 240 oxide red	1.2	1	1	Primed 2 each 16 ft Ibeams and 4 each 4" ID x 20 ft pipes
9/30/2016	Amercoat 240 oxide red	1.2	2	1	primed one diesel tank containment
Montly Total			3	2	

DATE	TYPE OF COATING/THINNER SPRAYED	VOC CONTENT (lb/gl)	DAILY COATING USAGE (MAX. 40 gal/day)	DAILY THINNER USAGE (MAX. 4 gal/day)	NOTES
10/3/2016	Amercoat 240 oxide red	1.2	2	1	primed one diesel tank containment
10/18/2016	Amercoat 240 Buff	1.2	2	1	primed 2 large "I" beams
10/25/2016	Ameron 302H Zinc Rich Epoxy	2.37	1.5	1	primed one workbox
10/26/2016	Ameron 235 white	2.4	2	1	applied 2nd coat to one workbox
Montly Total			7.5	4	

DATE	TYPE OF COATING/THINNER SPRAYED	VOC CONTENT (lb/gl)	DAILY COATING USAGE (MAX. 40 gal/day)	DAILY THINNER USAGE (MAX. 4 gal/day)	NOTES
11/16/2016	Jotun Jotamastic 80 black	1.67	2	1	primed 17 sea chest strainers
11/17/2016	Jotun Jotamastic 80 black	1.67	3	1	applied 2nd coat and 3rd coat to 17 sea chest strainers
11/17/2016	SeaForce 200 AV dark red	2.75	4	1	applied 2nd coat and 3rd coat to 17 sea chest strainers
11/18/2016	SeaForce 200 AV black	2.75	4	1	applied 4th coat to 17 sea chest strainers
Montly Total			13	4	

S12: RESIN OPERATIONS

SOURCE # 12	S12 RESIN AND ACETONE			
PLANT # A3288	#A3288			
DATE 2016	RESIN TYPE	RESIN QTY (GALLONS)	MONOMER CONTENT	ACETONE QTY (GALLONS)
	No Use June-November			

S13: HARBOR CRAFT AUXILIARY DIESEL ENGINE

DRYDOCK No. 2 GENERATOR LOG (Source 13)

	Hour Meter Reading			Total Hours	12 Mo	Total Fuel	
Date	Time	Start	Stop		Rolling	Usage	Nature of Operation/Notes
6/10/16	630	1552	1552	0.10	12.5	0.6	OP TEST
6/13/16	630	1552	1552	0.10	12.6	0.6	OP TEST
6/28/16	1230	1552	1552	0.10	12.6	0.6	OP TEST
8/12/16	700	1549	1550	1.70	13.2	9.7	Hager Inspection - Drop Power Test
8/24/16	900	1550	1550	0.10	13.6	0.6	op test
8/30/16	1200	1550	1551	0.10	13.6	0.6	op test
9/5/16	1300	1551	1551	0.10	13.6	0.6	op test
9/12/16	1100	1551	1551	0.10	13.5	0.6	op test
9/19/16	800	1551	1551	0.10	13.6	0.6	op test
9/26/16	900	1551	1551	0.10	13.6	0.6	op test
10/3/16	900	1551	1551	0.10	11.6	0.6	op test
10/10/16	700	1551	1552	0.10	11.6	0.6	op test
10/17/16	900	1552	1552	0.10	11.6	0.6	op test
10/24/16	900	1552	1552	0.10	11.7	0.6	op test
10/31/16	700	1552	1552	0.10	11.8	0.6	Dock Grand Canyon
11/2/16	1000	1552	1552	0.10	11.9	0.6	op test
11/10/16	1200	1552	1552	0.10	12.0	0.6	op test
11/15/16	1200	1552	1552	0.10	12.0	0.6	op test
11/21/16	900	1552	1552	0.10	12.1	0.6	op test
11/29/16	800	1552	1552	0.10	12.2	0.6	op test

FORM 12-017
CREATED: 07/10

S16: ABRASIVE BLASTING ROOM

S-16 Blast Booth Throughput

Date	Time (4 Total Nozzles)			Throughput	Monthly Totals		Rolling Total (Year to Date)		
	Start Meter	Stop Meter	Daily Hours of Operation	(Minutes of use * 8.0 Lbs./Min)*	Time	Throughput (Lbs.)	Time	Throughput (Lbs.)	Period
6/17/2016	329.5	332	2.5	1200					
6/20/2016	332	333.1	1.1	528					
6/21/2016	333.1	334.2	1.1	528					
6/22/2016	388.3	388.9	0.6	288					
6/24/2016	388.9	389.4	0.5	240					
6/27/2016	389.4	390.5	1.1	528					
6/28/2016	390.5	392.5	2	960					
6/29/2016	392.5	392.8	0.3	144					
6/30/2016	334.2	335.2	1	480	10.2	4896	144.6	69,408	Jul 15 - Jun 16
7/1/2016	335.2	338	2.8	1344					
7/6/2016	338	341.6	3.6	1728					
7/7/2016	341.6	343.5	1.9	912					
7/11/2016	343.5	344.5	1	480					
7/13/2016	344.5	346.3	1.8	864	11.1	5328	140.6	67,488	August 15 - July 16
8/4/2016	392.8	393.7	0.9	432					
8/4/2016	346.3	348.1	1.8	864					
8/5/2016	393.7	395.1	1.4	672					
8/9/2016	395.1	397.9	2.8	1344					
8/10/2016	397.9	399.6	1.7	816					
8/13/2016	399.6	401.5	1.9	912					
8/14/2016	401.5	402.9	1.4	672					
8/14/2016	348.1	351.5	3.4	1632					
8/16/2016	338.7	342.1	3.4	1632					
8/16/2016	351.5	354.1	2.6	1248					
8/17/2016	402.9	403.6	0.7	336					
8/18/2016	354.1	356	1.9	912					
8/19/2016	356	358.5	2.5	1200					
8/20/2016	358.5	359.9	1.4	672					
8/22/2016	359.9	361	1.1	528					
8/23/2016	361	362.2	1.2	576					
8/25/2016	362.2	365.8	3.6	1728					
8/26/2016	365.8	367.2	1.4	672					
8/27/2016	403.6	406	2.4	1152	37.5	18000	163.1	78,288	September 15 - August 16
9/14/2016	342.1	343.5	1.4	672					
9/29/2016	343.5	346.3	2.8	1344					
9/30/2016	346.3	347.2	0.9	432	5.1	2448	158.5	76,080	October 15 - September 16

S-16 Blast Booth Throughput

Date	Time (4 Total Nozzles)			Throughput	Monthly Totals		Rolling Total (Year to Date)		
	Start Meter	Stop Meter	Daily Hours of Operation	(Minutes of use * 8.0 Lbs./Min)*	Time	Throughput (Lbs.)	Time	Throughput (Lbs.)	Period
10/17/2016	406	406.6	0.6	288					
10/24/2016	406.6	407.7	1.1	528	1.7	816	158.7	76,176	November 15 - October 16
11/18/2016	407.7	408.6	0.9	432	0.9	432	140.2	67,296	December 15 - November 16

APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

This section is only a summary of the limits and monitoring requirements. In the case of a conflict with any requirement in Sections I-VI, the preceding sections take precedence over Section VII.

Table VII – A
S-1 Paint Spray/Abrasive Blasting Operation

Type of limit	Citation of Limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-1-301	N	In Compliance	Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3419, Part 3	P/E	Visible Emission Checks
Opacity	SIP 6-301	Y	In Compliance	Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3419, Part 3	P/E	Visible Emission Checks
VOC	BAAQMD 8-43-301.2	Y	In Compliance	General coating: air dried 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.1	Y	In Compliance	Anti-foulant coating: 3.3 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.2	Y	In Compliance	Heat Resistant coating: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.7	Y	In Compliance	Pretreatment Wash Primer: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.9	Y	In Compliance	Military Exterior Topcoat: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.10	Y	In Compliance	Specialty Interior coating: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.12	Y	In Compliance	Special Marking coating: 4.1 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records

Table VII – A
S-1 Paint Spray/Abrasive Blasting Operation

Type of limit	Citation of Limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-43-321	Y	In Compliance	Surface Preparation Solvent 0.42 lbs/gal	BAAQMD 8-43-501	P/D	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	General Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Anti-foulant Coating 3.33 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Pretreatment Wash Primer 6.50 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2 Subpart II	Y	In Compliance	Special Marking Coating 4.08 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Military Exterior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Nonskid Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Specialty Interior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records

* Excluding water and exempt solvents

Table VII - B
S–2 Sandblasting operation

Type of Limit	Citation of Limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-1-301	N	In Compliance	Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3420, Part 1	P/E	Visible Emissions Checks
Opacity	SIP 6-301	Y	In Compliance	Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3420, Part 1	P/E	Visible Emissions Checks

Table VII - C
S-10 Paint Spray Booth

Type of Limit	Citation of limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-43-301.2	Y	In Compliance	General coating: air dried 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.1	Y	In Compliance	Anti-foulant coating: 3.3 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.2	Y	In Compliance	Heat Resistant coating: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.7	Y	In Compliance	Pretreatment Wash Primer: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.9	Y	In Compliance	Military Exterior Topcoat: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.10	Y	In Compliance	Specialty Interior coating: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.12	Y	In Compliance	Special Marking coating: 4.1 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-321	Y	In Compliance	Surface Preparation Solvent 0.42 lbs/gal	BAAQMD 8-43-501	P/D	Records
	Condition #7887, Part 1	Y	In Compliance	Emission Limit 22.5 TPY	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 2	Y	In Compliance	Emission Limit 140 lb/day	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 3	Y	In Compliance	Coating Usage Limit 12,600 gal/yr	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 4	Y	In Compliance	Coating Usage Limit 40 gal/day	BAAQMD Condition # 7887, Part 7	P/D	Records
VOC	Condition #7887, Part 5	Y	In Compliance	Solvent Usage Limit 1,385 gal/yr	BAAQMD Condition # 7887, Part 7	P/D	Records

Table VII - C
S-10 Paint Spray Booth

Type of Limit	Citation of limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition #7887, Part 6	Y	In Compliance	Solvent Usage Limit 4 gal/day	BAAQMD Condition # 7887, Part 7	P/D	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	General Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Antifoulant Coating 3.33 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Pretreatment Wash Primer 6.50 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Special Marking Coating 4.08 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Military Exterior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Nonskid Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y	In Compliance	Specialty Interior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records

* Excluding water and exempt solvents

Table VII - D
S-12 Polyester Resin Operation

Type of Limit	Citation of Limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-50-301.1	Y	In Compliance	Monomer content ≤ 35% by wt.	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-50-305.4	Y	In Compliance	Cleanup material 1.70 lbs VOC/gal	BAAQMD 8-43-501	P/D	Records
	Condition #17063, Part 1	Y	In Compliance	Resin Usage 200 gal/yr	BAAQMD Condition #17063, Part 3	P/D	Records
	Condition #17063, Part 2	Y	In Compliance	Solvent Usage 10 gal/yr	BAAQMD Condition #17063, Part 3	P/D	Records

Table VII - E
S-13 Auxiliary Harbor Craft Prime Diesel Engine, Dry Dock #2

Type of Limit	Citation of Limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-1-303.1	N	In Compliance	Ringelmann #2 Limitation for < 3 minutes/hour	None	N	N/A
Opacity	SIP6-303.1	Y	In Compliance	Ringelmann #2 Limitation for < 3 minutes/hour	None	N	N/A
FP	BAAQMD 6-1-310	N	In Compliance	0.15 gr/dscf	None	N	N/A
FP	SIP 6-310	Y	In Compliance	0.15 gr/dscf	None	N	N/A
SO2	BAAQMD 9-1-301	Y	In Compliance	Ground Level Concentration ≤ 0.5 ppm continuously for 3 minutes ≤ 0.25 ppm averaged over 60 minutes ≤ 0.05 ppm averaged over 24 hours	None	N	N/A
Hours of operation	BAAQMD Condition #24809, part 1	Y	In Compliance	Hours of operation for any purpose not to exceed 80 hours per year	BAAQMD Condition #24809, part 3	P/M	Records

Table VII - G
S–16 Abrasive Blast Room with Pneumatic Recovery System

Type of Limit	Citation of Limit	FE Y/N	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-1-301	N	In Compliance	Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3420, Part 1	P/E	Visible Emissions Checks
Opacity	SIP 6-301	Y	In Compliance	Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3420, Part 1	P/E	Visible Emissions Checks
FP	BAAQMD 6-1-310	N	In Compliance	0.15 gr/dscf	None	N	
FP	SIP 6-310	Y	In Compliance	0.15 gr/dscf	None	N	
FP	BAAQMD 6-1-311	N	In Compliance	3.05 lb/hr	None	N	
FP	SIP 6-311	Y	In Compliance	3.05 lb/hr	None	N	
FP	BAAQMD Condition #23507, part 4	Y	In Compliance	0.002 gr/dscf	BAAQMD Condition #23507, part 8	P/W	Manometer reading
Hours of operation	BAAQMD Condition #23507, part 2	Y	In Compliance	2,900 hours per year for anti-foulant coating, 30 minutes per hour for ABC #3 coating	BAAQMD Condition #23507, part 6	P/D	Record-keeping
Pressure Drop	BAAQMD Condition #23507, part 8	Y	In Compliance	Pressure drop range: 0.5 to 6.0 inches water column	BAAQMD Condition #23507, part 9	P/W	Manometer reading
Abrasive throughput	BAAQMD Condition #23507, part 4		In Compliance	750,000 pounds per consecutive twelve month period	BAAQMD Condition #23507, part 6	P/M	Record-keeping