Attachment 1-A

EU 001 - Hot Water Generators / Boilers with an individual heat input rating of at least 10 MMBtu/hr

Unique ID	Location/Building	Manufacturer	Model	Serial No.	Capacity MMBtu/hr	Date Installed[2]	Date Removed	Primary Fuel	Back Up Fuel[1]
IM-B-0002-A	VAB Utility Annex Hot Water Generator (HWG) #1 / K6-947	The International Boiler Works (IBW) Company	TJW-C-20	L-260	20	1987	N/A	Natural Gas	Liquid Fuels
IM-B-0002-B	VAB Utility Annex Hot Water Generator (HWG) #2 / K6-947	The International Boiler Works (IBW) Company	TJW-C-20	14918	20	1985	N/A	Natural Gas	Liquid Fuels
IM-B-0002-C	VAB Utility Annex Hot Water Generator (HWG) #3 / K6-947	The International Boiler Works (IBW) Company	TJW-C-20	L-319	20	1991	N/A	Natural Gas	Liquid Fuels

Notes:

[1] Liquid Fuels include: No. 2 Fuel Oil, Diesel Fuel, Biodiesel, Jet Fuel, and Synthetically Derived Fuels.

[2] The installation date may be an equipment installation date, facility construction date, air construction permit issue date, equipment manufactured date, or an estimated startup date provided by facility personnel.

N/A = Not Applicable

Attachment 2-A
EU 091 - Surface Coating Operations

Unique ID	Location/Building	Description	Manufacturer	Model	Type of Particulate Matter Control	Date Installed[2]	Date Removed
IM-P-001 A	Corrosion Control Facility / M6-1625	Corrosion Control Booth Number 1	Ralph, Hahn & Associates[1]	N/A	Filter	1992	N/A
IM-P-001 B	Corrosion Control Facility / M6-1625	Corrosion Control Booth Number 2	Ralph, Hahn & Associates[1]	N/A	Filter	1992	N/A
IM-P-002	Base Support Building / M6-0486	Spray Booth	DeVilbiss	N/A	Water wall	1972	N/A
SK-P-001	Solid Rocket Booster - Assembly and Refurbishment Facility / L6-0247	Top Coat Application Cell	Currier	39-ED-29	Filter	1986	N/A
SK-P-004A	Solid Rocket Booster - Assembly and Refurbishment Facility / L6-0247	Thermal Protection System (TPS) Spray Cell No. 1	Currier	39-ED-29	Filter	1986	N/A
SK-P-004A	Solid Rocket Booster - Assembly and Refurbishment Facility / L6-0247	Thermal Protection System (TPS) Spray Cell No. 2	Currier	39-ED-29	Filter	1986	N/A
SK-P-004B	Solid Rocket Booster - Assembly and Refurbishment Facility / L6-0247	Thermal Protection System (TPS) Cure Cell No. 1	Currier	39-ED-29	Filter	1986	N/A
SK-P-004B	Solid Rocket Booster - Assembly and Refurbishment Facility / L6-0247	Thermal Protection System (TPS) Cure Cell No. 2	Currier	39-ED-29	Filter	1986	N/A
SK-P-006 A	Hangar AF Area Solid Rocket Booster (SRB) Paint Building / 66310	East Spray Cell Paint Booth	Binks Manufacturing Co.	FAC-0101-1	Filter	1985	N/A
SK-P-006 B	Hangar AF Area Solid Rocket Booster (SRB) Paint Building / 66310	West Spray Cell Paint Booth	Binks Manufacturing Co.	FAC-0101-2	Filter	1985	N/A
TM-H-002	Component Refurbishment and Chemical Analysis Facility / K6-1696	IPA Vent Hood	Wiltech - Field Fabricated	N/A	N/A	1998	N/A
TM-P-001	Hangar N / 01728	Paint Booth	Col-Met Spray Booths, Inc	EIE 1208	Filter	2008	December 2012
TM-P-002	Hangar AF / 66250	Small Parts Paint Booth	USBI - Field Fabricated	N/A	Filter	1990	N/A
TM-P-003	Launch Equipment Shop Paint Shop / K6-1397	Paint Booth	Spray Booth Systems, Inc.	N/A	Filter	1984	N/A
TM-P-004	Hangar N / 01728	Film Lube Booth	DeVilbiss	N/A	Filter	1994	December 2012

Notes:
[1] Engineering Design Firm

[2] The installation date may be an equipment installation date, facility construction date, air construction permit issue date, equipment manufactured date, or an estimated startup date provided by facility personnel.
N/A = Not Applicable

Attachment 3-A

EU 086 - Stationary Compression Ignition Combustion Engines with emissions greater than generic permit exemption threshold (>480 kW) or in Electric Utility Demand Response Program

Unique ID	Location/Building	Description	Rating (kW)	Manufacturer	Serial Number	Model	Date Installed[1]	Date Removed	Electric Demand Utility Response Program	CI RICE NSPS Subpart IIII Subject	RICE NESHAP Subpart ZZZZ Subject
FIREX-001	Hypergol Maintenance Facility (HMF) Pumphouse / M7-1362	Fire Extinguishing (FIREX) Pump Engine	760	Caterpillar	65Z01177	3512	2006	N/A	No	No	No
FIREX-002	Orbiter Processing Facility (OPF) Pumphouse / K6-0895	Fire Extinguishing (FIREX) Pump Engine	770	Caterpillar	68Z01274	3508	2006	N/A	No	No	No
PEG0100	Press Site / K7-1203	Emergency Generator	500	Caterpillar	7WG02514	3456 DITA	2005	N/A	Yes	No	Yes
PEG1002	Press Site / K7-1203	Emergency Generator	500	Caterpillar	7WG02524	3456 DITA	2005	N/A	Yes	No	Yes
HCG02001	Mid-Course Radar (MCR) Site / E3-1133	Emergency Generator	800	Mitsubishi	22241	S1A2-PTA	2006	N/A	No	No	No
SIG01003	Space Station Processing Facility / M7-0360	Emergency Generator	2,000	Kohler	391738	20E0200360	1998	N/A	No	No	No
SIG01004	Space Station Processing Facility / M7-0360	Emergency Generator	1,200	Kohler	610139	12E0011074	1998	N/A	No	No	No
FIREX-001A	Hypergol Maintenance Facility (HMF) Pumphouse / M7-1362	Fire Extinguishing (FIREX) Pump Engine	600	Fairbanks Morse	968668	38F5-1/4	1983	N/A	No	No	No
FIREX-001B	Hypergol Maintenance Facility (HMF) Pumphouse / M7-1362	Fire Extinguishing (FIREX) Pump Engine	600	Fairbanks Morse	968633	38F5-1/4	1983	N/A	No	No	No
FIREX-003A	Pad 39B Pumphouse / J7-1388	Fire Extinguishing (FIREX) Pump Engine	795	Caterpillar	95Y01040	3508	1996	N/A	No	No	No
FIREX-003B	Pad 39B Pumphouse / J7-1388	Fire Extinguishing (FIREX) Pump Engine	795	Caterpillar	95Y01036	3508	1996	N/A	No	No	No
FIREX-003C	Pad 39B Pumphouse / J7-1388	Fire Extinguishing (FIREX) Pump Engine	795	Caterpillar	95Y01039	3508	1996	N/A	No	No	No
FIREX-003D	Pad 39B Pumphouse / J7-1388	Fire Extinguishing (FIREX) Pump Engine	795	Caterpillar	95Y01038	3508	1996	N/A	No	No	No
CLG01001	Payload Hazardous Servicing Facility (PHSF) / M7-1354	Emergency Generator	1,000	Caterpillar	PRH00520	C32	2010	N/A	No	Yes	No
G1E00774	Hangar AE / 60680	Emergency Generator	1,000	Caterpillar	PRH00494	C32	2011	N/A	No	Yes	No
HE902347	Communications Distribution & Switching Center (CD&SC) / M6-0139	Emergency Generator #1 East	350	Cummins Onan	11855364	N14-G2	1997	N/A	Yes	No	Yes
HE902351	Communications Distribution & Switching Center (CD&SC) / M6-0139	Emergency Generator #2 Middle	350	Cummins Onan	11856022	N14-G2	1997	N/A	Yes	No	Yes

Notes:

[1] The installation date may be an equipment installation date, facility construction date, air construction permit issue date, equipment manufactured date, or an estimated startup date provided by facility personnel.

N/A = Not Applicable

Attachment 4-A

EU 087 - Stationary Spark Ignition Stationary Combustion Engines with emissions greater than generic permit exemption threshold (>690 kW) or in Electric Utility Demand Response Program

As of March 2013, there are no stationary spark ignition engines at NASA-KSC that exceed the emission threshold for listing in this table, or in the electric utility demand response program.

Unique ID	Location/Building	Description	Rating (kW)	Manufacturer	Serial Number	Model	Date Installed[1]	Date Removed	Electric Demand Utility Response Program	SI RICE NSPS Subpart JJJJ Subject	RICE NESHAP Subpart ZZZZ Subject

[1] The installation date may be an equipment installation date, facility construction date, air construction permit issue date, equipment manufactured date, or an estimated startup date provided by facility personnel.

Attachment 5-A

EU 088 - Launch Complex 39 (LC-39) Compression Ignition Backup Power Plant

Unique ID	Location/Building	Description	Manufacturer	Serial Number	Rating (MW)	Model	Date Installed[1]	Date Removed	Electric Demand Utility Response Program	CI RICE NSPS Subpart IIII Subject	RICE NESHAP Subpart ZZZZ Subject
IM-G-001-1	LC-39 Emergency Power Plant / K6-1091	Emergency Generator #1	Caterpillar	7RN00683	2	3516b	1999	N/A	Yes	No	Yes
IM-G-001-2	LC-39 Emergency Power Plant / K6-1091	Emergency Generator #2	Caterpillar	7RN00686	2	3516b	1999	N/A	Yes	No	Yes
IM-G-001-3	LC-39 Emergency Power Plant / K6-1091	Emergency Generator #3	Caterpillar	7RN00687	2	3516b	1999	N/A	Yes	No	Yes
IM-G-001-4	LC-39 Emergency Power Plant / K6-1091	Emergency Generator #4	Caterpillar	7RN00688	2	3516b	1999	N/A	Yes	No	Yes
IM-G-001-5	LC-39 Emergency Power Plant / K6-1091	Emergency Generator #5	Caterpillar	7RN00689	2	3516b	1999	N/A	Yes	No	Yes

Notes:

[1] The installation date may be an equipment installation date, facility construction date, air construction permit issue date, equipment manufactured date, or an estimated startup date provided by facility personnel.

N/A = Not Applicable

Attachment 6-A
EU 089 - Hypergol Servicing Operations and Activities

Unique ID	Location/Building	Description	Manufacturer	Model Number	Installation Date[1]	Date Removed
CM-07	Payload Hazardous Servicing Facility (PHSF) / M7-1354	Fuel Vapor Scrubber	Taylor Forged Engineering Systems	S70-1094-F1	1986	N/A
CM-08	Payload Hazardous Servicing Facility (PHSF) / M7-1354	Oxidizer Vapor Scrubber	Taylor Forged Engineering Systems	S70-1094-E1	1986	N/A
IM-53	Fuel Storage Area #1 (FSA-1) / 73019	Hypergol Fueling Operations	KSC Constructed	N/A	1983	N/A
TM-55	Orbiter Processing Facility (OPF) 1 & 2 / K6-0894	Oxidizer Purging System	KSC Constructed	S70-1095-09	1977	N/A
TM-56	Orbiter Processing Facility (OPF) 1 & 2 / K6-0894	Fuel Purging System	KSC Constructed	S70-1094-09	1977	N/A
TM-88	Hypergol Maintenance Facility (HMF) South / M7-1212	East/West Cell Fuel ASP	KSC Constructed	S70-1094-02	1964	December 2012
TM-89	Hypergol Maintenance Facility (HMF) South / M7-1212	East/West Cell Oxidizer ASP	KSC Constructed	S70-1095-02	1964	December 2012
TM-94	Hypergol Maintenance Facility (HMF) North / M7-0961	East/West Cell Fuel ASP	KSC Constructed	S70-1095-02	1964	December 2012
TM-95	Hypergol Maintenance Facility (HMF) North / M7-0961	East/West Cell Oxidizer ASP	KSC Constructed	S70-1094-02	1964	December 2012
TM-96	Hypergol Maintenance Facility (HMF) North / M7-0961	Fuel Fume Hood	Kewaunee	SH-1505-MS-FL	1964	N/A
TM-97	Hypergol Maintenance Facility (HMF) North / M7-0961	Oxidizer Fume Hood	Kewaunee	SH-1505-MS-OX	1964	N/A

Notes:
[1] The installation date may be an equipment installation date, facility construction date, air construction permit issue date, equipment manufactured date, or an estimated startup date provided by facility personnel.
N/A = Not Applicable