





**NASA GSFC Wallops Flight Facility  
Main Base Air Permit Equipment List, Permit 40217**

Processing, Manufacturing, Surface Coating and Degreasing Operations to be Added to the Permit

Unit Ref. No.	Process or Operation Name	Equipment Manufacturer, Type, and Model Number	Date of Manuf .	Date of Const.	Max. Rated Capacity (____/hr)*	Requested Throughput*			Federal Regulations that Apply
						(____/hr)	(____/day)	(____/yr)	
E-109-01	Welding operations located in building E-109	N/A	TBD	TBD	TBD	TBD	TBD	TBD	None

**Commented [SRM(1):** Unused and uncertified welding station.

NASA GSFC Wallops Flight Facility Main Base Air Permit Equipment List, Permit 40217			
Equipment to be Removed from this Permit			
Unit Ref. Number	Equipment Description	Rated Capacity	Original Permit Date
D-050A	Onan Diesel Emergency Generator, 500 DFGA	900 HP, 500 kW	Unknown
---	Photo-mounting operations (ventilated) located in Bldg E-2	Sprayed adhesive applied to various cardboard stock	Unknown

Commented [SRM(2)]: Decommissioned

NASA GSFC Wallops Flight Facility Main Base Air Permit Equipment List, Permit 40217			
Equipment to be Exempt from this Permit			
Unit Ref. Number	Equipment Description	Rated Capacity	Exemption Citation

NASA GSFC Wallops Flight Facility Main Base Air Permit Equipment List, Permit 40217			
Equipment Permitted Prior to the Date of this Application			
Unit Ref. Number	Equipment Description	Rated Capacity	Original Permit Date
B-031-01* B-031-02*	Two (2) – LPG fired boilers – Weil McLain, Model Ultra299	0.299 MMBtu/hr each	07-11-2011

B-129-01*	One (1) – LPG fired boiler – Fulton, Model PHW-1000	1.0 MMBtu/hr	07-11-2011
D-001N-01* D-001N-02*	Two (2) – LPG fired boiler – Fulton, Model PHW-####	TBD	07-11-2011
D-001S-01* D-001S-02*	Two (2) – LPG fired boiler – Fulton, Model PHW-####	TBD	07-11-2011
D-004-01* D-004-02* D-004-03* D-004-04*	Four (4) – Detroit Diesel Fire Pumps, Model _____, Mfg 1983	235 HP each	Unknown
D-010-01* D-010-02*	Two (2) – LPG fired boiler – Fulton, Model PHW-500	0.500 MMBtu/hr	07-11-2011
D-008-4	Caterpillar Diesel Non- Emergency Generator, C175-16, 2008	3000 kW	02-05-2009
E-002-01* E-002-02*	Two (2) – LPG fired boiler – Fulton, Model PHW-1400	1.40 MMBtu/hr	07-11-2011
E-007-01* E-007-02*	Two (2) – LPG fired boiler – Weil McLain, Model Ultra###	TBD	07-11-2011
E-104-01* E-104-02* E-104-03* E-104-04*	Four (4) – LPG fired boiler - Fulton, Model PHW-2000	2.0 MMBtu/hr (each)	07-11-2011
E-134-01*	One (1) – LPG fired boiler – Fulton, Model PHW-750	0.750 MMBtu/hr	07-11-2011
Room W301	One (1) – Soldering workstation located in Bldg F-10	10 lbs solder/yr	04-29-2002
FOTW Plant	One (1) – Deacidification unit for pH neutralization (used in the FOTW sewage waste treatment plant)	Not Applicable	Unknown
MB-F010-03 MB-F010-0 4 MB-F020-04	Welding operations located in Buildings F-10 and F-20	375 lbs of rods & 25 lb wire/yr	07-29-1993

MB-F016-01	One (1) – Paint shop (ventilated spray booth and work table) located in Bldg F-16	Max of 72 lb/yr from aerosol cans or 0.5 gal/hr from spray guns	10-14-1994
MB-F016-03	One (1) – Woodworking shop located in Bldg F-16	Not Applicable	09-21-1995
---	Various lab exhaust hoods- ACS lab in Bldg F-10, four (4) in Analytical Labs in Bldg F-160, Room E101 Lab in Bldg N-159	Various cfm speeds	Various
MB-N159-09	One (1) – Paint shop (ventilated spray booth) located in Bldg N-159	Max of 72 lb/yr from aerosol cans or 0.5 gal/hr from spray guns	10-24-2000
MB-N159-11 MB-N159-12	Work/maintenance shops located in W144 and W129.	Not Applicable	Unknown

\*Unit reference number listed as “various” on previous permit. Based on the installation dates, these items are believed to be covered under their respective “various” category.