

Adient
1890 Mines Road
Pulaski, Tennessee 38478
Tel 931.363.5666 Fax 931.424-6722



Michelle B. Owenby, Technical Secretary
Attn: West Tennessee Permit Program
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor
Nashville, TN. 37243

Semi -Annual Report (April 1, 2021 – September 30, 2021); Adient
Emission Source Reference No. 28-0076, Permit # 569269

Technical Secretary:

This is a submission of the semi- annual report certification for Adient US, LLC. as required by
Condition E2 of the company's Title V Operating Permit No. 569269.

Semi - Annual Report Certification

Facility Owner/Company Name:	Adient
Facility Address:	1890 Mines Road, Pulaski, TN.
Emission Source Reference Number:	28-0076
Title V Permit Number:	569269 Modification #1
Reporting Period:	April 1, 2021 – September 30, 2021
Report Deadline:	November 30, 2021

This report is required pursuant to TNAPCR 1200-3-9-.02 (11) (e) 1. (iii).

Attached are monthly use and emissions data formatted similar to Log 1 from the permit. Also
attached is a summary of that data with the rolling 12-month total formatted similar to Log 2.

1. Adient Pulaski Plant received a minor modification to the Title V Permit. The facility has
a new VOC limit of 308 tons.
2. Adient Pulaski Plant is in compliance with Title V Operating Permit emissions
conditions as indicated by the attached reports. Pursuant to Condition E4-2(MM1), the
facility has not exceeded the 308 ton limit for VOCs during the reporting period and is
calculating the HAPs emissions using the required emissions factors.
3. Visible emission evaluation readings from Condition E3-2 were conducted on
1/21/2021.
4. Adient is considered to be in compliance with the particulate emission rate per
condition E3-2 because opacity is less than 20%. Visible Emission Evaluation was
completed in January 2021.

I, the undersigned, am the responsible official as defined in TAPCR 1200-3-9-.02(11)(d)4 of the Title V source for which this document is being submitted. I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made, and data contained in this document are true, accurate, and complete.

Sincerely,
Adient

A handwritten signature in black ink, appearing to read "Ryan Speck". The signature is fluid and cursive, with the first name "Ryan" and last name "Speck" clearly distinguishable.

Ryan Speck
Plant Manager

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LOG 1 FY21		Monthly log for (28-0076-01)			Month: April-21						
MATERIAL NAME	MATERIAL DENSITY (lb/gal)	USAGE (gal/month)	VOC CONTENT (lbs VOC/gal)	VOC EMITTED (tons/month)	TDI EMISSION FACTOR (3.29X10 ⁻⁵ lb/lb)	TDI EMITTED (tons/month)	DEOA EMISSION FACTOR (7.94X10 ⁻⁶ lb/lb)	DEOA EMITTED (tons/month)	MDI EMISSION FACTOR (9.39X10 ⁻⁶ lb/lb)	MDI EMITTED (tons/month)	TOTAL HAPs EMITTED (tons/month)
Mold Release Agent (solvent based) PU11434	6.3	7413.0	6.15	22.79							
Hightower HT 2011UV (Water Based) (New)	8.31	0	0.000831	0.00							
Mold Release Agent PU11517 (Solvent-New)	6.5	0	6.02	0.00							
Paste Wax (H179K-7)	6.82	45	5.15	0.12							
Adhesive (Simalfa 309)	8.34	0	0.00	0.00							
Silicon (8737)	7.90	836	0.00	0.00							
Surfactant (8724 LF)	7.90	989	0.00	0.00							
8735 LF2	8.13	0	0.00	0.00							
Glycerine	8.13	939	0.50	0.23							
DL-02596 Black	9.82	563	0.00	0.00							
Jeffcat - ZF 20	7.20	180	0.00	0.00							
Catalyst Tegoanin 33	9.31	374	0.00	0.00							
YUKOL - 8331	8.72	269	0.00	0.00							
BA150 (Catalyst blocking)	9.17	0	0.00	0.00							
BIOH 2828	8.00	608	0.00	0.00							
Multranol 3901	8.41	4180	0.00	0.00							
Polyol (E833)	8.42	41472	0.00	0.00							
Polyol (E855)	8.77	723	0.00	0.00							
V-360	8.00	4123	0.00	0.00							
TD-80	10.09	35006	10.09	0.01	0.00003290	0.00581					0.00581
Diethanolamine (DEOA)	9.15	813	7.78	0.0000			0.00000794	0.00003			0.00003
Diphenylmethane Diisocyanate (MDI)	10	2979	10.00	0.00014					0.00000939	0.00014	0.00014
TOTALS		101,512		23.15		0.00581		0.00003		0.00014	0.00598

LOG 1 FY21		Monthly log for (28-0076-01)			Month: May-21						
MATERIAL NAME	MATERIAL DENSITY (lb/gal)	USAGE (gal/month)	VOC CONTENT (lbs VOC/gal)	VOC EMITTED (tons/month)	TDI EMISSION FACTOR (3.29X10 ⁻⁵ lb/lb)	TDI EMITTED (tons/month)	DEOA EMISSION FACTOR (7.94X10 ⁻⁶ lb/lb)	DEOA EMITTED (tons/month)	MDI EMISSION FACTOR (9.39X10 ⁻⁶ lb/lb)	MDI EMITTED (tons/month)	TOTAL HAPs EMITTED (tons/month)
Mold Release Agent (solvent based) PU11434	6.3	5220.0	6.15	16.05							
Hightower HT 2011UV (Water Based) (New)	8.31	0	0.000831	0.00							
Mold Release Agent PU11517 (Solvent-New)	6.5	0	6.02	0.00							
Paste Wax (H179K-8)	6.82	65	5.15	0.17							
Adhesive (Simalfa 309)	8.34	0	0.00	0.00							
Silicon (8737)	7.90	282	0.00	0.00							
Surfactant (8724 LF)	7.90	829	0.00	0.00							
8735 LF2	8.13	0	0.00	0.00							
Glycerine	8.13	544	0.50	0.14							
DL-02596 Black	9.82	563	0.00	0.00							
Jeffcat - ZF 20	7.20	157	0.00	0.00							
Catalyst Tegoanin 33	9.31	253	0.00	0.00							
YUKOL - 8331	8.72	397	0.00	0.00							
BA150 (Catalyst blocking)	9.17	0	0.00	0.00							
BIOH 2828	8.00	0	0.00	0.00							
Multranol 3901	8.41	4181	0.00	0.00							
Polyol (E833)	8.42	33705	0.00	0.00							
Polyol (E855)	8.77	44746	0.00	0.00							
V-360	8.00	3778	0.00	0.00							
TD-80	10.09	17951	10.09	0.00	0.00003290	0.00298					0.00298
Diethanolamine (DEOA)	9.15	1504	7.78	0.0001			0.00000794	0.00005			0.00005
Diphenylmethane Diisocyanate (MDI)	10	2402	10.00	0.00011					0.00000939	0.00011	0.00011
TOTALS		116,577		16.36		0.00298		0.00005		0.00011	0.00315

LOG 1 FY21		Monthly log for (28-0076-01)			Month: June-21						
MATERIAL NAME	MATERIAL DENSITY (lb/gal)	USAGE (gal/month)	VOC CONTENT (lbs VOC/gal)	VOC EMITTED (tons/month)	TDI EMISSION FACTOR (3.29X10 ⁻⁵ lb/lb)	TDI EMITTED (tons/month)	DEOA EMISSION FACTOR (7.94X10 ⁻⁶ lb/lb)	DEOA EMITTED (tons/month)	MDI EMISSION FACTOR (9.39X10 ⁻⁶ lb/lb)	MDI EMITTED (tons/month)	TOTAL HAPs EMITTED (tons/month)
Mold Release Agent (solvent based) PU11434	6.3	8841.2	6.15	27.19							
Hightower HT 2011UV (Water Based) (New)	8.31	0	0.000831	0.00							
Mold Release Agent PU11517 (Solvent-New)	6.5	0	6.02	0.00							
Paste Wax (H179K-7)	6.82	65	5.15	0.17							
Adhesive (Simalfa 309)	8.34	0	0.00	0.00							
Silicon (8737)	7.90	543	0.00	0.00							
Surfactant (8724 LF)	7.90	1284	0.00	0.00							
8735 LF2	8.13	0	0.00	0.00							
Glycerine	8.13	1220	0.50	0.31							
DL-02596 Black	9.82	563	0.00	0.00							
Jeffcat - ZF 20	7.20	242	0.00	0.00							
Catalyst Tegoanin 33	9.31	456	0.00	0.00							
YUKOL - 8331	8.72	617	0.00	0.00							
BA150 (Catalyst blocking)	9.17	0	0.00	0.00							
BIOH 2828	8.00	1599	0.00	0.00							
Multranol 3901	8.41	5906	0.00	0.00							
Polyol (E833)	8.42	63385	0.00	0.00							
Polyol (E855)	8.77	73482	0.00	0.00							
V-360	8.00	5712	0.00	0.00							
TD-80	10.09	40272	10.09	0.01	0.00003290	0.00668					0.00668
Diethanolamine (DEOA)	9.15	1272	7.78	0.0000			0.00000794	0.00005			0.00005
Diphenylmethane Diisocyanate (MDI)	10	4292	10.00	0.00020					0.00000939	0.00020	0.00020
TOTALS		-		27.67		0.00668		0.00005		0.00020	0.00693

LOG 1 FY21

Monthly log for (28-0076-01)

Month: July-21

MATERIAL NAME	MATERIAL DENSITY (lb/gal)	USAGE (gal/month)	VOC CONTENT (lbs VOC/gal)	VOC EMITTED (tons/month)	TDI EMISSION FACTOR (3.29X10 ⁻⁵ lb/lb)	TDI EMITTED (tons/month)	DEOA EMISSION FACTOR (7.94X10 ⁻⁶ lb/lb)	DEOA EMITTED (tons/month)	MDI EMISSION FACTOR (9.39X10 ⁻⁶ lb/lb)	MDI EMITTED (tons/month)	TOTAL HAPs EMITTED (tons/month)
Mold Release Agent (solvent based) PU11434	6.3	6564.0	6.15	20.18							
Hightower HT 2011UV (Water Based) (New)	8.31	0	0.000831	0.00							
Mold Release Agent PU11517 (Solvent-New)	6.5	0	6.02	0.00							
Paste Wax (H179K-7)	6.82	65	5.15	0.17							
Adhesive (Simalfa 309)	8.34	0	0.00	0.00							
Silicon (8737)	7.90	384	0.00	0.00							
Surfactant (8724 LF)	7.90	909	0.00	0.00							
8735 LF2	8.13	0	0.00	0.00							
Glycerine	8.13	892	0.50	0.22							
DL-02596 Black	9.82	563	0.00	0.00							
Jeffcat - ZF 20	7.20	172	0.00	0.00							
Catalyst Tegoanin 33	9.31	584	0.00	0.00							
YUKOL - 8331	8.72	424	0.00	0.00							
BA150 (Catalyst blocking)	9.17	0	0.00	0.00							
BIOH 2828	8.00	1149	0.00	0.00							
Multranol 3901	8.41	3815	0.00	0.00							
Polyol (E833)	8.42	45457	0.00	0.00							
Polyol (E855)	8.77	53032	0.00	0.00							
V-360	8.00	4138	0.00	0.00							
TD-80	10.09	29349	10.09	0.00	0.00003290	0.00487					0.00487
Diethanolamine (DEOA)	9.15	892	7.78	0.0000			0.00000794	0.00003			0.00003
Diphenylmethane Diisocyanate (MDI)	10	2909	10.00	0.00014					0.00000939	0.00014	0.00014
TOTALS		151,298		20.58		0.00487		0.00003		0.00014	0.00504

LOG 1 FY21

Monthly log for (28-0076-01)

Month: August-21

MATERIAL NAME	MATERIAL DENSITY (lb/gal)	USAGE (gal/month)	VOC CONTENT (lbs VOC/gal)	VOC EMITTED (tons/month)	TDI EMISSION FACTOR (3.29X10 ⁻⁵ lb/lb)	TDI EMITTED (tons/month)	DEOA EMISSION FACTOR (7.94X10 ⁻⁶ lb/lb)	DEOA EMITTED (tons/month)	MDI EMISSION FACTOR (9.39X10 ⁻⁶ lb/lb)	MDI EMITTED (tons/month)	TOTAL HAPs EMITTED (tons/month)
Mold Release Agent (solvent based) PU11434	6.3	8711.3	6.15	26.79							
Hightower HT 2011UV (Water Based) (New)	8.31	0	0.000831	0.00							
Mold Release Agent USPO-19-035 (Solvent-New)	6.4	451.27	6.2	1.40							
Paste Wax (H179K-7)	6.82	0	5.15	0.00							
Adhesive (Simalfa 309)	8.34	0	0.00	0.00							
Silicon (8737)	7.90	640	0.00	0.00							
Surfactant (8724 LF)	7.90	1652	0.00	0.00							
8735 LF2	8.13	0	0.00	0.00							
Glycerine	8.13	1612	0.50	0.40							
DL-02596 Black	9.82	563	0.00	0.00							
Jeffcat - ZF 20	7.20	262	0.00	0.00							
Catalyst Tegoanin 33	9.31	295	0.00	0.00							
YUKOL - 8331	8.72	628	0.00	0.00							
LH5261W UV	9.17	198	0.00	0.00							
BIOH 2828	8.00	2445	0.00	0.00							
Multranol 3901	8.41	7251	0.00	0.00							
Polyol (E833)	8.42	71962	0.00	0.00							
Polyol (E855)	8.77	83919	0.00	0.00							
V-360	8.00	6611	0.00	0.00							
TD-80	10.09	47116	10.09	0.01	0.00003290	0.00782					0.00782
Diethanolamine (DEOA)	9.15	1338	7.78	0.0000			0.00000794	0.00005			0.00005
Diphenylmethane Diisocyanate (MDI)	10	6101	10.00	0.00029					0.00000939	0.00029	0.00029
TOTALS		241,757		28.60		0.00782		0.00005		0.00029	0.00816

LOG 1 FY21

Monthly log for (28-0076-01)

Month: September-21

MATERIAL NAME	MATERIAL DENSITY (lb/gal)	USAGE (gal/month)	VOC CONTENT (lbs VOC/gal)	VOC EMITTED (tons/month)	TDI EMISSION FACTOR (3.29X10 ⁻⁵ lb/lb)	TDI EMITTED (tons/month)	DEOA EMISSION FACTOR (7.94X10 ⁻⁶ lb/lb)	DEOA EMITTED (tons/month)	MDI EMISSION FACTOR (9.39X10 ⁻⁶ lb/lb)	MDI EMITTED (tons/month)	TOTAL HAPs EMITTED (tons/month)
Mold Release Agent (solvent based) PU11434	6.3	4625.7	6.15	14.22							
Hightower HT 2011UV (Water Based) (New)	8.31	0	0.000831	0.00							
Mold Release Agent PU11517 (Solvent-New)	6.5	0	6.02	0.00							
Paste Wax (H179K-7)	6.82	65	5.15	0.17							
Adhesive (Simalfa 309)	8.34	0	0.00	0.00							
Silicon (8737)	7.90	363	0.00	0.00							
Surfactant (8724 LF)	7.90	769	0.00	0.00							
8735 LF2	8.13	0	0.00	0.00							
Glycerine	8.13	714	0.50	0.18							
DL-02596 Black	9.82	834	0.00	0.00							
Jeffcat - ZF 20	7.20	143	0.00	0.00							
Catalyst Tegoanin 33	9.31	318	0.00	0.00							
YUKOL - 8331	8.72	318	0.00	0.00							
LH5261W UV	9.17	142	0.00	0.00							
BIOH 2828	8.00	685	0.00	0.00							
Multranol 3901	8.41	3070	0.00	0.00							
Polyol (E833)	8.42	36651	0.00	0.00							
Polyol (E855)	8.77	43631	0.00	0.00							
V-360	8.00	278	0.00	0.00							
TD-80	10.09	23760	10.09	0.00	0.00003290	0.00394					0.00394
Diethanolamine (DEOA)	9.15	1452	7.78	0.0001			0.00000794	0.00005			0.00005
Diphenylmethane Diisocyanate (MDI)	10	2124	10.00	0.00010					0.00000939	0.00010	0.00010
TOTALS		119,943		14.57		0.00394		0.00005		0.00010	0.00410

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LOG 2 FY21 YEARLY LOG FOR (28-0076-01) Semi-Annual Reports: Annual Report:

MONTH/YEAR	VOC EMISSIONS (TONS per MONTH)	VOC EMISSIONS (TONS per 12 MONTHS)	HAP-1 EMISSIONS (TONS per MONTH)	HAP-1 EMISSIONS (TONS per 12 MONTHS)	HAP-2 EMISSIONS (TONS per MONTH)	HAP-2 EMISSIONS (TONS per 12 MONTHS)	HAP-3 EMISSIONS (TONS per MONTH)	HAP-3 EMISSIONS (TONS per 12 MONTHS)	TOTAL HAP EMISSIONS (TONS per MONTH)	TOTAL HAP EMISSIONS (TONS per 12 MONTHS)
October-20	16.5	157.5	0.00489	0.05553	0.00003	0.00051	0.00018	0.00158	0.00510	0.05761
November-20	13.2	149.3	0.00465	0.05169	0.00003	0.00042	0.00010	0.00168	0.00478	0.05379
December-20	18.0	152.4	0.00497	0.05194	0.00006	0.00043	0.00008	0.00162	0.00511	0.05399
January-21	23.4	160.7	0.00567	0.05260	0.00003	0.00041	0.00009	0.00156	0.00578	0.05457
February-21	20.1	168.2	0.00467	0.05225	0.00003	0.00036	0.00008	0.00149	0.00478	0.05410
March-21	37.1	193.4	0.00753	0.05519	0.00004	0.00041	0.00019	0.00151	0.00777	0.05710
April-21	23.2	216.5	0.00581	0.06100	0.00003	0.00044	0.00014	0.00165	0.00598	0.06308
May-21	16.4	230.8	0.00298	0.06325	0.00005	0.00049	0.00011	0.00172	0.00315	0.06546
June-21	27.7	247.7	0.00668	0.06571	0.00005	0.00051	0.00020	0.00182	0.00693	0.06804
July-21	20.6	252.0	0.00487	0.06487	0.00003	0.00050	0.00014	0.00180	0.00504	0.06717
August-21	28.6	263.8	0.00782	0.06707	0.00005	0.00048	0.00029	0.00185	0.00816	0.06939
September-21	14.6	259.2	0.00394	0.06448	0.00005	0.00048	0.00010	0.00170	0.00410	0.06666