APPENDIX PEI
PROJECT EMISSIONS INCREASE REPORT - EXAMPLE FORMAT

Emissions Year*: _____ ***(This is year No. ___ of ☐5 or ☐10 required reports.)***

Facility Information	
ARMS ID No. 0330040	Facility/Site Name: Ascend Performance Materials LLC

Air Construction Permit Information			
Permit No. 0330040-036-AC	Date Issued:	Date Construction Completed:	Date Regular Operation Resumed:

EU ID No.	**EU Description**	**EU ID No.**	**EU Description**
EU002	Adipic Acid Process	EU003	Boiler No. 8
EU090	Adipic Acid Process- Fugitive Emissions	EU004	Boiler No. 7
EU042	Nitric Acid Plant	EU014	Boiler No. 4
EU020	Cyclohexane Oxidation Process	EU015	Boiler No. 5
EU088	Area 480 KA Expansion, P2K	EU016	Boiler No. 6
EU040	Hexamethylene Diamine Synthesis and Refining	EU099	Boiler No. 9
EU041	B and C Hexamethylene Diamine Stripper Distillation Column	EU032	Cogeneration Plant
EU081	Continuous Nylon Polymerization Lines	EU101	Adipic acid new fugitive emissions (new)
EU082	Batch Nylon Polymerization	EU102	Area 480 KA new fugitive emissions /barge loading (new)
EU005	Vaporizer No.1	EU103	Hydrogen Generating Plant #2 (new)
EU007	Vaporizer No.2	EU104	Hydrogen Generating Plant #2 Flare (new)
EU008	Vaporizer No.3	EU105	Vaporizer No.9 (new)
EU009	Vaporizer No.4	EU106	Vaporizer No. 9 fugitive emissions
EU010	Vaporizer No.5	EU107	Cooling Towers (new)
EU011	Vaporizer No.6	EU077	Dimethyl Ester Production (new)
EU013	Vaporizer No.7	EU050	Adipic Acid Bulk Loading No. 1, Building 346
EU075	Vaporizer No.8	EU051	Adipic Acid Bulk Loading No. 2
EU060	Adipic Acid 485 BEPEX Dryer	EU080	Adipic Acid Building 373 Loading
EU061	Adipic Acid Dryer 405-A	EU045	Adipic Acid Building 465 Boxing/Bagging
EU062	Adipic Acid Dryer 405-B		New nylon compounding extruder (insignificant)
EU063	Adipic Acid Dryer 465-A		8 new nylon pellet elutriators (insignificant)
EU064	Adipic Acid Dryer 465-B		
EU079	Adipic Acid 485 NIRO Dryer		

Tracked PSD Pollutant			Annual Emissions, Tons per Year			PSD? Yes/No [6]
	RAE[1]	DG[2]	BAE[3]	Increase[4]	SER[5]	
CO			501.			
NOx			2,300			
PM/PM10			502			
PM2.5			353			
SO2			4,604			
VOC			316			

* *Report Deadline: This report must be submitted to the Compliance Authority within 60 days after the end of each calendar year during which records must be generated under subparagraph 62-212.300(1)(e)1., F.A.C.*

1. "RAE" means reported annual emissions for the given year (or PAE for year zero).
2. "DG" means the annual emissions resulting from production demand growth that could have been accommodated during the baseline years and that are unrelated to the project. Please provide supporting information and a discussion that describes: how the emissions were related to demand growth, how the emissions could have been accommodated previously and how the emissions are unrelated to the project. This will not change from year to year.
3. "BAE" means baseline actual emissions as determined in the original air construction permit. BAE will remain the same for each reporting year.

   In this table, baseline emissions and demand growth are added together.
4. "Increase" is the annual emissions increase related to the project (Increase = RAE –DG – BAE).
5. "SER" means the "significant emissions rate" as defined for the PSD pollutant in Rule 62-210.200, F.A.C.
6. If RAE-DG-BAE is greater than the "SER," then the project is subject to PSD preconstruction review as though construction had not yet commenced.