



GM Powertrain

March 19, 2015

Gary Pollak
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Gary -

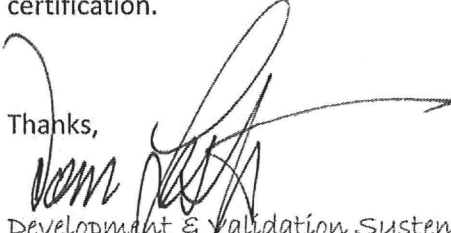
For 2016 MY GM will be introducing the Cadillac CT6 with the LGX Engine. This is the same RPO (LGX) engine that was previously certified (witness testing) for the 201C Cadillac CTS & ATS (sent on 3/17/15) . The LGX engine is the same, but the Cadillac CT6 application has slightly more restrictive inlet & less restrictive exhaust so we have provided the isopower adjusted torque and horsepower numbers (based on the 2016 MY Cadillac CTS & ATS).

	AIS SSPL @ 240 g/s (kPa)	Stag BP @ 255 g/s Exh Flow (kPa)
LGX Cadillac ATS/CTS SAE Cert, Test ID# 48600, 10Mar2015	2.98	37.00
LGX Cadillac CT6	3.42	36.40

Please note that this information is to be restricted from release to the public until **after April 1, 2015**.

Let me know if you have questions or need anything further in order to process this application for certification.

Thanks,


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SAE Power Certification Form J2723 B J2723 Aug2007		SAE J1349 Certified Power																			
Manufacturer Name Address: City: State: Country: Postal Code: Engine: Model Year & Vehicle Application(s):	General Motors 777 Joslyn Rd Pontiac MI USA 48340 LGX - 60° V6 MY2016 - O1xx; Cadillac CT6																				
Test Standard: Test Location: Engine Serial Number: Test/Run Number:	J1349:Sep2011 Isopower Data based on LGX A1xL SAE Witness testing of N6GXY867AA in Pontiac Dyno Lab, Cell D201 Isopower Data based on LGX A1xL SAE Witness testing on N6GXY867AA Isopower Data based on LGX A1xL SAE Witness testing on N6GXY867AA: ENG153\Test_Data\2015-02-09-00004\F5_ENG_J1349.48600																				
RESULTS: The engine described herein was tested on 10-March-2015 according to the requirements prescribed in J1349:Sep2011, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Parameter</th> <th style="width: 15%;">Rated Speed</th> <th style="width: 15%;">Rated Output</th> <th style="width: 15%;">Measured Speed</th> <th style="width: 15%;">Measured* Output</th> <th style="width: 10%;">% Difference</th> </tr> </thead> <tbody> <tr> <td>Power (hp/kW)</td> <td>6800</td> <td>335/250</td> <td>6800</td> <td>335/250</td> <td>-0.90%</td> </tr> <tr> <td>Torque (ft-lbs/Nm)</td> <td>5300</td> <td>284/385</td> <td>5300</td> <td>282/383</td> <td>-0.52%</td> </tr> </tbody> </table> *Determined via Isopower SAE Certified Witness Date				Parameter	Rated Speed	Rated Output	Measured Speed	Measured* Output	% Difference	Power (hp/kW)	6800	335/250	6800	335/250	-0.90%	Torque (ft-lbs/Nm)	5300	284/385	5300	282/383	-0.52%
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APPROVALS: General Motors declares that the engine tested for this report is representative of engines in series production. General Motors further declares that the performance of engines in series production will characteristically be at least 98% of the rated torque and power values indicated on this report. Name: Title: Date: Authorization Date: <i>Amir Hach</i> Asst. Chief Engineer 3-19-15																					



