

**SAE** International™

Leading Our World In Motion • 1905-2005

*Proven Power Performance*

**SAE J1349**

*Certified Power™*

*At last, a fair, impartial and accurate way  
for the mobility industry to accurately measure  
and report engine horsepower and torque.*

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## What is SAE J1349 Certified Power?

Power and torque certification provides a means for a manufacturer to assure a customer that the engine they purchase delivers on its advertised performance. SAE Standard J2723 has been written to provide manufacturers with a method of certifying the power of engines to the newly revised SAE J1349\* OR SAE J1995. J2723 specifies the procedure to be used for a manufacturer to certify the net power and torque rating of a production engine according to SAE J1349 or the gross engine power of a production engine according to SAE J1995.

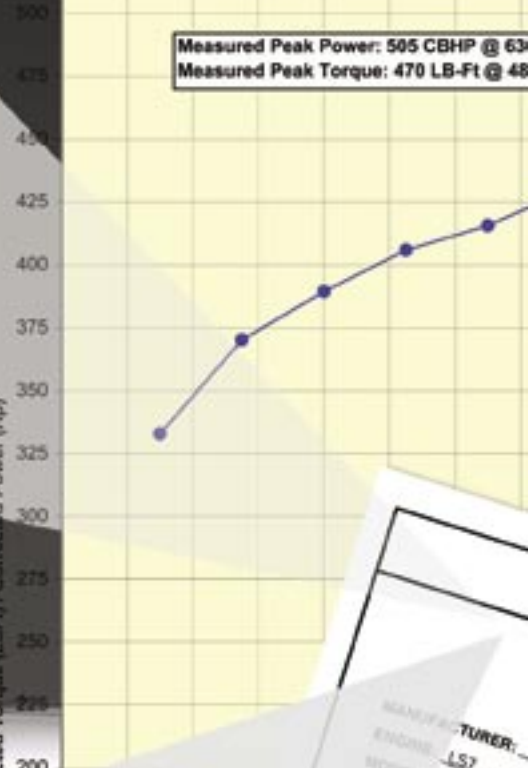
## Who Needs SAE J1349 Certified Power?

Manufacturers who advertise their engine power and torque ratings as Certified to SAE J1349 or SAE J1995 shall follow this procedure. Certification of engine power and torque to SAE J1349 or SAE J1995 is voluntary; however, this power certification process is mandatory for those advertising power ratings as "Certified to SAE J1349".

## How Does SAE J1349 Certified Power work?

Your engine is tested in an appropriate (ISO 9000/9002 certified) facility and witnessed by a qualified independent witness, who will verify equipment function and calibration, computations and engine test settings as specified in the applicable standard. SAE will maintain a database of all certification data for use by customers, researchers and media interested in your vehicle's engine performance.

Corrected Torque (LbFt) / Corrected Power (Hp)



MANUFACTURER: \_\_\_\_\_  
ENGINE: LS7  
MODEL, YEAR & VEHICLE: \_\_\_\_\_  
TEST STANDARD: SAE J1349  
TEST LOCATION: Windsor  
ENGINE SERIAL NUMBER: \_\_\_\_\_  
TEST RUN NUMBER: 1105  
LAB: 2002STY100

RESULTS:

Parameter	Rated Speed	Rated Output
Power	6300	505 Hp / 377 kW
Torque	4800	470 lb-ft / 637 Nm

SAE Certified Witness, Date: \_\_\_\_\_

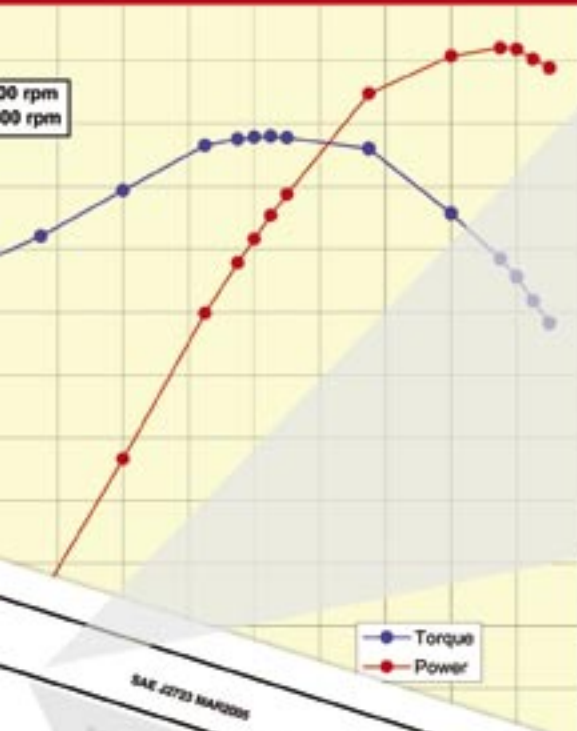
APPROVALS:

The manufacturer declares that the engine tested for this report is a production engine. The manufacturer further declares that the performance characteristics of all engines of this model and power will be the same as those of the engine tested for this report.

*[Signature]* 4/5/05  
Daniel E. Nicholson, P.E. Chief

*[Signature]* 4/5/05

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## *The Bottom Line: What SAE J1349 Certified Power Can do for You:*

- Improve customer confidence. They will know and trust that the power you advertise is the power they're receiving.
- Assure 100% truth in advertising.
- Strengthen your Brand
- Improve your competitive advantage
- Provide solid data for purchasers, researchers and high performance car enthusiasts

SAE J2723 MAR2005

SAE Power Certification Form J2723 B

General Motors

SAE APPLICATION: J1349 rev. Aug 2004

PROPERTY/Manufacturer: GM

PROPERTY/ID: 1101\_006PIS

March 14, 2005, according to the requirements prescribed in SAE J1349, and was witnessed by a qualified SAE witness, and was certified.

Measured Speed	Measured Output	% Difference
6300	505 / 377	0
4800	470 / 637	0

SAE International  
400 Commonwealth Drive  
Warrendale, PA 15096  
E-mail: gary@sae.org  
Phone: 724-772-7196

Engineer



## *The Proven Performance of SAE J1349 Is Just a Mouse Click Away*

**[www.sae.org/certifiedpower](http://www.sae.org/certifiedpower)** is your one stop site for SAE Certified Power information. You'll find complete details on the program including a regularly updated list of certified engines and a complete list of current qualified witnesses. In addition, you can contact us at:

SAE International  
400 Commonwealth Drive  
Warrendale, PA 15096  
E-mail: gary@sae.org  
Phone: 724-772-7196

**SAE J 1349**  
Certified Power™

[www.sae.org/certifiedpower](http://www.sae.org/certifiedpower)

*\*Make certain your J1349 specification is up-to-date!  
The latest version (August 2004) reflects a number of changes,  
updates, and revisions to assure optimal certification process results.*

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**SAE** International™

400 Commonwealth Drive  
Warrendale PA 15096-0001 USA

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