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Golden Research Thoughts

This is to certify that our Editorial, Advisory, and Review Board Accepted Research Paper of Dr. /Shri. /Smt.: Abhijit A. Sur Topic:- Performance Analysis Of Mono Cylinder Four Stroke Spark Ignition Engine By Utilizing Green Gas (h.h.o. Gas) As A Fuel Suplement College:- Department of Mechanical Engineering, M. Tech Heat Power Engineering Student, BIT, Ballarpur, Gondwana University, Dist.-Gadchiroli (Maharashtra state), India The Research paper is Original & Innovative it is Done Double Blind Peer Reviewed. Your Article is Published in The Month of May Year 2014

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Article Review Report

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Performance Analysis Of Mono Cylinder Four Stroke Spark Ignition Engine By Utilizing Green Gas (h.h.o. Gas) As A Fuel Suplement

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Happy Writing...

ABSTRACT:

Climate change is recognized both as a threat and challenge. The impact of human activities on climate and climate system is unequivocal. Climate has significant role in economic development of any country. The use of fossil fuel is the primary source of CO2 or greenhouse gas. Greenhouse gases trapped heat and make planet warmer. The majority of greenhouse gas emissions from transportation are CO2 emission resulting from the combustion of petroleum base products like gasoline. In IC Engine over the 90% of fuel utilized gasoline and diesel.

Abstract Report: The Title Accurately Said The Study was About.

INTRODUCTION:

Our Earth is warming. Earth's average temperature has risen by 1.4 0F over the past century, and is projected to risen by 1.4 0F over the past century, and is projected to raise another 2 to 11.5 0F over the next hundred years. Small change in average temperature of the planet can translate to large and potentially dangerous shifts in climate and weather. The evidence is clear rising global temperature have been accompanied by change in weather and climate. Gases that trap heat in the atmosphere are called greenhouse gases (GHG) which make the planet warmer. Carbon dioxide (CO2) is the primary greenhouse gas emitted through human activities.

Introduction Report: This Article Include Full Introduction, Methods, Results & Introduction Section.

METHODS & MATERIALS:

Hydrogen gas is a manufactured gas used in numerous ways. Hydrogen does not exist on earth in a free state and must be manufactured from some other material that includes hydrogen as one of its components. An electrical power source is connected to two electrodes, or two plates (typically made from some inert metal such as platinum, stainless steel or iridium) which are placed in the water. Hydrogen will appear at the cathode (the negatively charged electrode, where electrons enter the water), and oxygen will appear at the anode (the positively charged electrode).

Methods & Materials Report: Tables/Boxes/Diagram & Images are Used to Explain Specific Points or Background Information. Figures That The Plotted Parameters are Clearly Mentioned.

RESULT:

Must add result in your article .

Result Report: Result report is blank .

CONCLUSION:

Using HHO gas as a fuel causes an improvement in engine performance and exhaust emissions. Hydrogen gas has become increasingly important due to the environmental consequences of fossil fuel based petrol engines and the decreasing petroleum resource. The main challenges in the production of hydrogen gas are its cost and availability of different methods.

Conclusion Report: The Text is Rounded off with a Conclusion that Discusses the Implication of The Findings & Ideas Discussed & Their Impact on Future Research Direction.

REFERENCES:

- Per Tunestål, Magnus Christensen, Patrik Einewall, Tobias Andersson, Bengt Johansson, (2002).Hydrogen Addition For Improved Lean Burn Capability of Slow and Fast Burning Natural Gas Combustion Chambers. Society of Automotive Engineers, Inc-2002-01-2686
- Chad Smutzer, (2005).Application of Hydrogen Assisted Lean Operation to Natural Gas-Fueled Reciprocating Engines (HALO).",October 31, 2005, DE-FC26-04NT42235
- Samir Ibrahim, (2007).Hydrogen Generation from Electrolysis. Final Technical Report, Reporting Period: 02/01/2004 to 09/30/2007, Teledyne Energy Systems Inc., DOE Award # DE-FC36-04GO13028; Amendment No. A002
- John M. Simon, Stephen Brady, Dana Lowell, Michael Quant, (2007).Guidelines for Use of Hydrogen Fuel in Commercial Vehicles. November 2007, Technical Report Documentation, FMCSA-RRT-07-020

Reference Report: There are Places where the Author Abhijit A. Sur Need to Cite a Reference, but Have Not

RECOMMENDATIONS:

Abstract Report: Introduce New Regular For Content & Communication.

SUMMARY OF ARTICLE:

	Very	High	Average	Low	Very Low
1. Interest of the topic to the readers	✓				
2. Originally & Novelty of the ideas		✓			
3. Importance of the proposed ideas			✓		
4. Timelines	✓				
5. Sufficient information to support the assertions made & conclusion drawn		✓			
6. Quality of writing(Organization, Clarity, Accuracy Grammer)	✓				
7. References & Citation(Up-to-date, Appropriate Sufficient)			✓		

This Article is Innovative & Original, No Plagiarism Detected

Future Research Suggestions

This Article can expand further research for MINOR/MAJOR Research Project at UGC

Future Research Planning :

1.21st April 2014 the 3rd International Conference on Traffic and Logistic Engineering (ICTLE 2014) (http://www.ictle.org/)
2.1st May 2014 3rd International Conference on Internet and Web Engineering (ICIWE 2014) (http://www.iciwe.org/)
3.2nd June 2014 3rd International Conference on Computing and Computer Vision (ICCCV 2014) (http://www.icccv.org/
4.21st 2014 3rd International Conference on Industrial and Intelligent Information (ICIII 2014) (http://www.iciii.org/)

Happy Writing...
Abhijit A. Sur