

**Texas Commission on Environmental Quality
New Technology Research & Development (NTRD) Program
Monthly Project Status Report**

Contract Number: 582-11-13469-2019
Grantee: QuantLogic Corporation
Report for the **Date** February 11,
Monthly period: January 1, 2013, to February 11, 2013 **Submitted:** 2013

Section I. Accomplishments

Provide a bulleted list of project accomplishments as well as a description of their importance to the project.

Task 5: Transient Emissions Tuning and Testing

- Task 5 is 8% completed.
- Complete the engine dynamometer control setup for cycle test including speed/load profile setup and verification, tuning of dynamometer controller ramping parameters for the test speed/load profiles.

Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:

Task 5: Transient Emissions Tuning and Testing

“2.5.2 Task Statement: The PERFORMING PARTY will finalize the engine control parameters to achieve targeted emissions goal and emissions test the retrofitted engine.

2.5.3 Transient Emissions Testing

2.5.2.1. The PERFORMING PARTY will emissions test the dual loop EGR retrofitted engine on an engine dynamometer at the Houston Advanced Research Center’s engine lab over the EPA Heavy-duty FTP test cycle.”

Section II: Problems/Solutions

Problem(s) Identified: Report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project

- a) The schedule for Task 5 was compressed due to delays in the completion Task 4.

Proposed Solution(s): Report any possible solution(s) to the problem(s) that were considered/encountered

- a) Currently we are allocating more resources to speed up the progress in Task 5.

Action(s) Conducted and Results: Describe the action(s) taken to resolve the problem(s) and its effect

- a) Increase effort to meet the new timeline.

Section III. Goals and Issues for Succeeding Period:

Provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen.

Continue on Task 5.

Date: 2/11/2013

Authorized Project Representative's Signature

NOTE: *Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.*