**Level 3 Diploma in Work-based Land-based Engineering Operations**

Unit 600 Task A: Use Calculations

(This task uses units of measurement, flow rates & speed)

**ACTIVITY 2 TITLE: FUEL CONSUMPTION**

**Introduction**

A four cylinder diesel engine working hard (2000 rpm) on-site is found to be consuming 5 litres of fuel per hour.

In an attempt to evaluate costs and efficiency, the manager would like to know how much diesel is being burned by any given cylinder on each power stroke.

**Task**

Using your knowledge of the four stroke cycle, calculate how many power strokes the engine will perform on ONE millilitre of diesel.

TRAINEE:............................................................................... DATE: ……………………..