

Name of Client: IAMGOLD ESSAKANE SA

Date: 30/ 05 / 2019

<b>EQUIPMENT DETAILS</b>	
Date of Manufacture	N/A
Equipment Type	Water Pump
Equipment Brand	Godwin
Equipment Name	PP1389
Fuel Tank Capacity	800 litres
Last servicing	Date: 20/05/19

<b>PHASE 1 (Testing without Oxytane)</b>		30/ 05 / 2019
Engine Start Time	2548.8	
Engine End Time	2563.7	
Engine Hours Run	14.9 hrs	
RPM	1500	
Fuel Refill	117 litres	
Oxytane used	150ml	
Consumption/hr	<b>7.85 litres/hr</b>	
<b>Comments</b>		

<b>PHASE 2 (i) (Testing with Oxytane)</b>		31/ 05 / 2019
Engine Start Time	2563.7	
Engine End Time	2572.4	
Engine Hours Run	8.7 hrs	
RPM	1500	
Fuel Refill	56 litres	
Oxytane used	10ml	
Consumption/hr	<b>6.43 litres/hr</b>	
Difference in Consumption	Phase 1 – Phase 2 (i) 7.85 – 6.43 = <b>1.42</b> litres/hr	
Litre Savings %	<b>18.08%</b>	
<b>Comments</b>	Visually there was a Reduction in the emission of carbon.	

<b>PHASE 2 (ii) (Testing with Oxytane)</b>		01/ 06 / 2019
Engine Start Time	2572.4	
Engine End Time	2588.8	
Engine Hours Run	16.4 hrs	
RPM	1500	
Fuel Refill	112 litres	
Consumption/hr	<b>6.83 ltrs/hr</b>	
Difference in Consumption	Phase 1 – Phase 2 (ii) 7.85 – 6.83 = <b>1.02 ltrs/hr</b>	
Litre Savings %	<b>12.99%</b>	
Total Average fuel Savings	Phase 2 (i) + Phase (ii) / 2 1.42 / 1.02 = <b>1.22 ltrs/hr</b>	

Total Average savings %	<b>15.54%</b>
Comment	We advised a fuel filter change after the test, this is necessary due to the fuel and engine cleaning which has been done by oxytane which will be deposited within the fuel filter. The internal team can still monitor the pump since there still is some oxytane in the fuel.

NB:

Fuel test was supervised by POWER PLANT DEPARTMENT of IMG / Essakane, all data presented here in have been thoroughly scrutinized and concludes that all information provided above is accurate and have been approved.

Test Supervised by:

 : 01/06/19

Mr. Jonathan Aidoo

(Technician, Saint Joseph Fields, SARL Fr)



Mr. George Bagre

(Gen. Foreman, Power Plant – IMG/Essakane)

Le 01/06/19 

Mr. David Loiseau

(Senior Technical Expert, Power Plant - IMG/Essakane)